

ICOH Report on Scientific Committees
Vice President's Report
Triennium 2022 - 2024

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Message from the Vice President



The current ICOH Triennium (2022 to 2024) started just after the very successful 33rd International Congress on Occupational Health (ICOH2022), which was the first triennial congress organised by ICOH in a fully virtual format, due to the global COVID-19 pandemic. Originally planned to be held in Melbourne, Australia, ICOH2021 was postponed for a year and then held as the ICOH2022 Melbourne-Rome Global Digital Congress, 6 to 10 February 2022, with a revised theme that was better aligned with the global pandemic: 'Sharing Solutions in Occupational Health through and beyond the Pandemic'. The Congress was run through a visually rich digital platform, recreating the environment of an in-presence congress. The platform accommodated all sessions and main events that are traditionally part of the ICOH Congress format, to which the ICOH Scientific Committees (SCs) and Working Groups (WGs) are main contributors, as well as some ICOH Task Groups (TGs). Amidst the ongoing turmoil and uncertainty of the global pandemic, there were advantages to holding the ICOH2022 Congress in a digital format, viz. wider accessibility, giving the whole OSH community the opportunity to attend; this novel congress approach was particularly beneficial for participants from low- and middle-income countries (LMICs); participants enjoyed 24/7 on-demand access to the pre-recorded sessions and content through the Congress digital platform; the Plenary

Sessions and the Global Policy Forum were broadcast live on two stages, taking into account different time zones ('Rome stage' and 'Melbourne stage'); the Semi-Plenary Sessions included the opportunity for live discussion at the end of each session; and the Special Sessions, and Oral Free Paper and Interactive Poster Sessions were available on-demand at any time during the Congress and for four months after the Congress dates. We thank and congratulate the three Congress Presidents – Dr Jukka Takala and Profs.



International Commission
on Occupational Health

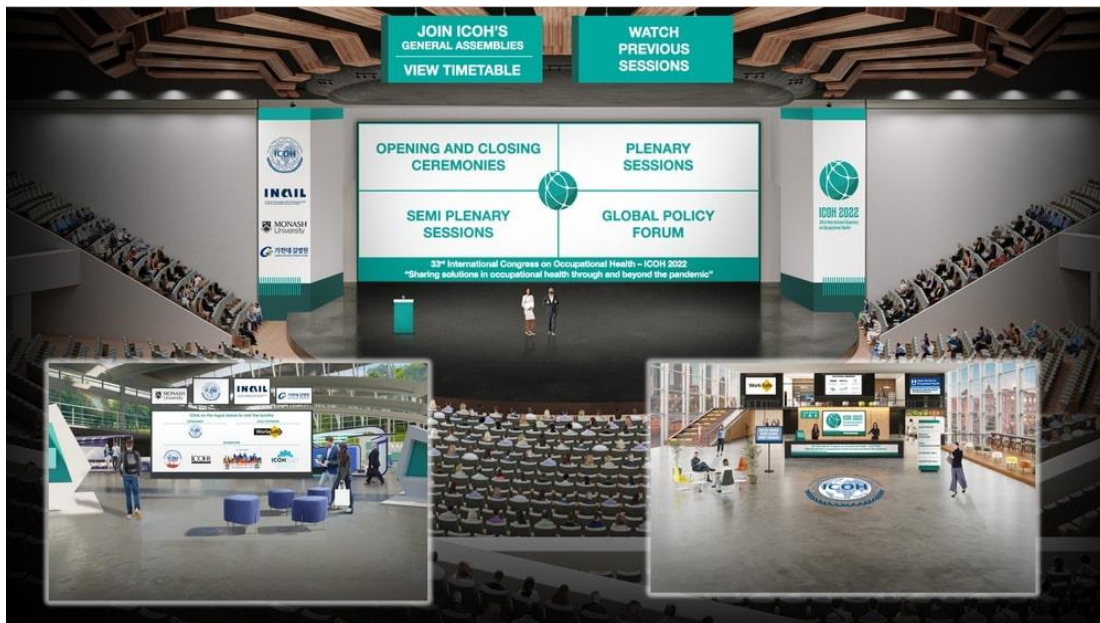


ICOH 2022
33rd International Congress
on Occupational Health

Sergio Iavicoli and Malcolm Sim - and the congress organiser committees, for delivering a highly successful congress under very trying circumstances.

Fast facts on the ICOH2022 Congress:

- 1454 participants (615 ICOH members, 839 ICOH non-members)
- 98 countries represented across six continents
- Registration fee waivers granted to 107 presenters (ICOH members in good standing) from LMICs
- One opening keynote address, 11 plenary presentations, 23 semi-plenary presentations
- Global Policy Forum – 'Work as a key dimension of the COVID-19 pandemic: Sharing experiences and solutions in occupational health - prediction, prevention and preparedness for emergencies at work with special reference to the risk of pandemics'
- 56 special sessions (reduced from an initial 85) with 223 presentations
- 146 oral presentations and 581 e-posters across 38 free paper session topics, corresponding to the names of the 37 SCs, plus an extra topic, viz. 'Occupational Health and COVID-19', which received the lion's share of abstract submissions, as expected
- Dr Kazutaka Kogi (Japan), ICOH President 2009-2015, was honoured with the ICOH Lifetime Achievement Award in recognition of his longstanding commitment, dedication, and support to the ICOH community.



Virtual reality – The ICOH2022 Congress offered registered participants a visually-rich digital platform, recreating the environment of an in-presence congress. The platform accommodated all sessions and main events that are included in the traditional ICOH congress format

Photograph: ICOH Secretariat and The Triumph (Italy)



Congratulations and celebrations – The ICOH Lifetime Achievement award was bestowed on Dr Kazutaka Kogi (Japan), who served two terms as ICOH President (2009 – 2015), in recognition of his longstanding commitment, dedication, and support to the ICOH community

Photograph: ICOH Secretariat and The Triumph (Italy)

In the post-COVID era, the current triennium has continued to be challenging, but many of the ICOH SCs and members have continued their efforts to remain active in research, advocacy, advisory, and service delivery endeavours and to make valuable contributions to global occupational health, even in the face of so many constraints and barriers.

A new ICOH SC was created in the current triennium (2022 to 2024), bringing the total number of ICOH SCs to 38. The SC on Biohazards and Occupational Health (SC BOH) arose from the conversion of the ICOH Working Group on Occupational Infectious Agents (WG OIA), which had been in existence and very active for many years, developing guidance documents and awareness-raising materials.

The ICOH Board approved an ICOH Statement on Protecting the Occupational Safety and Health of Migrant Workers on 27 May 2022. The final wording is the result of a joint effort by the ICOH WG on Future of Decent Work, two ICOH SCs, viz. Thermal Factors, and Occupational Health in Small-Scale Enterprises and the Informal Sector, and the ICOH Officers and Board members. The ICOH Statement can be accessed at: <https://www.ichweb.org/site/multimedia/news/pdf/Occupational%20health%20of%20migrant%20workers.pdf>

I am particularly grateful to the SCs that have engaged with me and invited me to participate in their events. I appreciate how they included me in their activities throughout the triennium – I found them to be very enriching experiences and learned valuable lessons. Examples of my welcome addresses and other presentations at events organised by ICOH SCs are listed below:

- MEDICHEM 50th Anniversary and International Conference Dresden, Germany, 5 to 6 September 2023 (virtual presentation)
- 12th International Conference of the Scientific Committee on Occupational Health for Health Workers, New York City, USA, 25 to 27 October 2023 (virtual welcome address)
- 7th International Conference on the History of Occupational and Environmental Health, organised by the ICOH SC on the History and Prevention of Occupational

and Environmental Diseases), Durban, South Africa, 15 to 17 November 2023 (in presence presentation)

- International Symposium (hybrid event) on Effective Prevention of Solar UV-induced Skin Cancers in Workers, Lisbon, Portugal, 6 February 2024 – organised by three ICOH SCs, viz. Effectiveness in Occupational Health Services, Occupational and Environmental Dermatoses, and Radiation and Work (virtual welcome address)
- Webinar on ‘Global Perspective on Women’s Occupational Health, organised by the ICOH SC on Women, Health and Work, 8 March 2024 (virtual presentation titled ‘The importance of taking care of women’s occupational health’)
- Webinar on ‘Occupational Infections – Reports from South Africa’, organised by the ICOH SC on Biohazards and Occupational Health’, 27 March 2024 (virtual welcome address).

Summary Report on ICOH Scientific Committees

Introduction

This Final Triennial Report summarizes the key activities of the 38 ICOH SCs during the 2022 to 2024 triennium (a shorter period of only two years instead of three, due to the global COVID-19 pandemic which impacted the previous triennium, extending it to four years).

SCs prepared Final Triennial Reports, which were posted in the SC 'Reports and Events' section in the 'SC Virtual Office' on the ICOH website.

SCs were requested to include outputs and activities for the reporting period March 2023 to January 2024 in their Final Triennial Reports. SC activities and outputs from the first part of the current triennium, i.e. from February 2022 to March 2023, were reported in the individual SC Midterm Reports submitted for tabling at the ICOH Midterm Meeting in Angers, France, in May 2023. The composite SC Midterm Report (dated April 2023) can be accessed in the 'SC Virtual Office' on the ICOH website.

Status and Activities of the Scientific Committees

There are currently 38 SCs in ICOH, some more active than others. The SCs provide scientific support for ICOH and contribute to advancing the health and safety of workers globally. All ICOH members are grateful for their hard work and dedication, on behalf of ICOH. Thirty SCs provided Final Triennial Reports by 15 February 2024. For the reporting period of March 2023 to January 2024, the following eight SCs did not submit Final Triennial Reports:

- Education and Training in Occupational Health
- Emergency Preparedness and Response in Occupational Health
- Neurotoxicology and Psychophysiology
- Occupational Health in the Chemical Industry
- Reproductive Hazards in the Workplace
- Respiratory Disorders
- Vibration and Noise
- Vision and Work

Many SCs have collaborated with other SCs to produce scientific products of a high standard and to organise scientific events such as conferences, symposia, training courses, seminars and webinars. Many SCs have established and/or strengthened their collaborations with non-ICOH organisations at international, regional, and national levels. The vast amount of work that has been carried out by the SCs during the 2022 to 2024 triennium is incorporated into three addenda in this report; the information presented in the different sections was obtained from the individual SC Midterm and Final Reports:

- **Addendum 1** – *‘Highlights’ – Examples of Major Projects, Outputs, and Focus Areas of Scientific Committees* during the full triennium (February 2022 to February 2024), with a special focus on publications, as many SCs have listed publications of their members as SC outputs.
- **Addendum 2** – Summary of conferences of ICOH SCs held during the full triennium (February 2022 to February 2024). For other events such as seminars, workshops, courses, and webinars please refer to the SC Composite Midterm Report (dated April 2023) and the individual SC Final Triennial Reports

(Addendum 3). During the previous triennium there was an increasing trend for various SCs to combine efforts and co-organise/co-host/co-sponsor conferences in various geographical locations. This trend has continued beyond the COVID-19 era, and, increasingly, SC conferences are also being held in partnership/collaboration with non-ICOH organisations, e.g. national occupational health associations and universities.

- **Addendum 3** – Final Triennial Reports of individual SCs. The information provided in the individual SC Final Triennial Reports is useful for sharing amongst all SCs, as valuable lessons can be learned from each SC's experiences during the reporting period, and various opportunities for potential new collaboration amongst SCs may be more easily identified – please see the proposed plans for the upcoming triennium (2024 – 2027) in the Final Triennial Reports of individual SCs.

Scientific Committee Virtual Office on the ICOH Website

We are all grateful to the ICOH Secretariat and ICOH Web staff who support the ICOH website at www.icohweb.org. They update the links and SC information on a web space for each SC on the SC public webpage <http://www.icohweb.org/site/scientific-committees.asp>

At the top of each SC's webpage, space is provided for a description of the SC, before the listing of the names and contact details of the SC leadership (usually Chair and Secretary, but in some cases also information on SC Steering or Management Group members).

Not all SCs have provided descriptions of their SCs on their webpages, such as aims and objectives, work focus areas and main activities. These SCs are encouraged to submit this information to the ICOH Vice President and the ICOH Secretariat (icoh@inail.it) to be uploaded on their SC webpage. The SCs that do not have SC descriptions or own websites have no public access channel to share information on their objectives and work, which means that current or new ICOH members who are considering which SCs they would

like to join (ICOH members can join a maximum of three SCs) don't have access to information to make their decisions.

Among the 38 SCs, around 50% have their own websites, and they provide the links to their SC-managed websites on the space provided on their ICOH webpage. Having a description of the SC is particularly recommended for all the SCs that do not have their own managed websites.

The ICOH Secretariat and Web staff also develop and maintain the 'Virtual Office for SCs' at <http://www.icohweb.org/site/member-corner-scientific-committees-virtual-office.asp>.

The 'Virtual Office for SCs' is accessed through the 'Private Area' on the ICOH website, and the SC leadership members need to have a valid username and password for access.

It is important for the SC leadership to access and use the 'Virtual Office for SCs' during their terms of office, as numerous resources required for SC functioning are available on this platform. Examples are reports and official communications from/for ICOH meetings and events, template forms for preparing the SC documents that are requested during the triennium, sponsorship funding forms for SC events, and very importantly, the 'Guidelines for Scientific Committees' which all SC leadership need to be aware of; this document is also available under the 'ICOH Core Documents' section on the public ICOH website. There are also other useful tools in the 'Virtual Office for SCs' which can be used to market ICOH at SC meetings and events, such as presentations on ICOH, the membership brochure, and application forms.

At the top of the 'Virtual Office for SCs' is a link to 'SC Reports and Events', for access to reports and notifications of upcoming SC events, listed per SC. The intention is to provide information for other SCs and to encourage collaborations among SCs.

Midterm Meeting of ICOH Officers, Board Members and Scientific Committee Chairs

The ICOH Midterm Meeting was held in hybrid mode in Angers, France (15 to 17 May 2023) at the Angers Congress Centre. The meeting was graciously hosted by the University of Angers. For the first time, selected ICOH National Secretaries (NSs) were invited to participate (one from each region). The meeting was well attended by approximately 50 participants representing ICOH leadership – Officers, Board members, the Secretariat, selected NSs, SC Chairs (or Secretaries), and other invited guests.

The Midterm Meeting started with the joint meeting of the ICOH Officers, Board and SCs. Following the Officers' reports, and a short presentation by Dr Won-Jun Choi, editor-in-chief of the ICOH Newsletter, the meeting participants broke into groups for discussion and feedback on three topics, viz. i) increasing collaboration among SCs and with NSs, ii) increasing the visibility of SC work, and iii) optimisation of management for SCs. A general discussion on the way forward for SCs followed, emanating from the ideas that emerged.

A half-day international scientific event in hybrid mode on 'Translational Epidemiology in Occupational Health', co-organised by ICOH and the University of Angers and Hospital, was held in association with the ICOH Midterm Meeting.

Epidemiology constitutes a crucial aspect of occupational health, involving research and evaluation with the ultimate aim of generating evidence-based recommendations. Translational aspects of epidemiology aim to transfer scientific responses studied by researchers to field practitioners for workers and decision-makers, to be adapted to a wide range of workplaces. The international scientific event gathered high profile presenters who shared their expertise and experience on a wide range of topics.



In-person and virtual gathering of OSH professionals – Around 50 participants attended the 2023 ICOH midterm meeting in Angers, France, in mid-May 2023, including the ICOH Officers, Board members, selected National Secretaries, representatives of Scientific Committees and Working Groups, and other invited guests

Photograph: ICOH Secretariat (Italy)



The long arm of the 'selfie' – ICOH Board members and the VP for SCs enjoy some leisure time out in the Angers Cité and Château. L to R: Akizumi Tsutsumi (Japan), Riitta Sauni (Finland), Frida Marina Fischer (Brazil), Claudina Nogueira (South Africa), Alexis Descatha (meeting host, France), and Shyam Pingle (India)

Photograph: Dr Shyam Pingle (India)



The heart of the Loire Valley - View of the Angers *Cité* and Château, with the Maine River in the foreground

Photograph: ICOH Secretariat (Italy)

Scientific Committee Contributions to the ICOH2024 Congress

(<https://www.ich2024.ma/>)



ICOH 2024

**Enhancing Occupational Health
Research and Practices**

Closing the Gaps!

The 34th International Congress on Occupational Health (ICOH2024) will be held in a fully in-presence, on-site format, in Marrakesh, Morocco, from 28 April to 3 May 2024. The six-day Congress programme will focus on the theme: “Enhancing Occupational Research and Practices: Closing the Gaps!” and judging by the submission of abstracts across Special and Free Paper Sessions, combined with delegate registrations, more than 1500 participants are expected to attend the ICOH2024 Congress. The third and final announcement was launched at the end of February 2024 and included the list of Semi-Plenary speakers and their presentation titles, as well as a list of Special Sessions and the respective organisers.

During the triennium, the SCs contributed extensively and enthusiastically to the development of the scientific content of the Congress in various ways:

- SC members recommended plenary and semi-plenary speakers – one opening keynote, 10 plenary keynotes, and 32 semi-plenary presentations have been scheduled
- Most of the Special Sessions (which involve invited speakers and are not peer reviewed) were organised by the majority of the SCs, although some Special Sessions were proposed by non-ICOH organisations
- SC members peer reviewed abstracts that were submitted to Free Paper Session topics, for oral and poster presentations.

ICOH2024 Congress proceedings – Accepted abstracts for both Special Sessions and Free Paper Sessions (oral and poster presentations) will be published in an online supplement of ‘Occupational Medicine’, a key international journal in its field and part of the Oxford

Academic, Oxford University Press platform, with an impact factor of 5.1 (Source: Journal Citation Reports, Clarivate, 2023).

The Continuing Medical Education (CME) accreditation process of the ICOH2024 Congress by the European Accreditation Council for Continuing Medical Education, an institution of the European Union of Medical Specialists (UEMS EACCME®), has been successfully completed - 28 CME units have been recognised for the Congress.

Special Sessions

Seventy-four (74) Special Sessions have been scheduled. The Congress Organisers endeavoured to grant at least one Special Session to all SCs that submitted proposals, and preference was given to Special Sessions organised collaboratively by more than one SC and/or WG and/or other entity. Details of the 74 accepted Special Sessions are listed in Table 1, below.

Table 1. Special Sessions, ICOH2024 Congress

Special Sessions organised by ICOH SCs, WGs and other entities, solely or in collaboration	
Special Session Title	Topic / Organiser(s)
SS01 - OSH research in the European PEROSH network and the global Sheffield network	Partnership for European Research on Occupational Safety and Health (PEROSH)
SS02 - Occupational disease coverage system in Morocco and international market perspectives (<i>Session in French</i>)	Moroccan Federation of Insurance and Reinsurance Companies (FMSAR)
SS03 - Climate changes and occupational safety and health	WG on Demographic Changes and Occupational Health + WG on the Future of Decent Work
SS04 - Integration of a psychological health prevention programme in business: From theory to real commitment	Mathieu Campbell (Canada) + National Scientific Committee ICOH2024
SS05 - Emerging and continuing biohazards in the workplace	SC on Biohazards and Occupational Health (SC BOH)

SS06 - Effective delivery of occupational health services: Promoting safety and health as a universal fundamental right at work	SC on Occupational Health and Development (SC OHDev) +WG on Inequalities in Occupational Health + SC on Effectiveness of Occupational Health Services (SC EOHS)
SS07 (Parts 1 and 2) - Guidelines for emergency preparedness and management: Learnings from situations like the 9/11 disaster and the COVID-19 pandemic	SC on Emergency Preparedness and Response in Occupational Health (SC EPROH)
SS08 - Adverse human health and safety impacts of chemical use among small-scale miners, and their households and community, and interventions	SC on Mining Occupational Safety and Health (SC MinOSH)
SS09 - Building global consensus for Occupational Health and Safety (OH&S) management through ISO standardization	ISO TC283 OHS Management Systems + National Scientific Committee ICOH2024
SS10 - Prevention of exposure to radiation risks: Current updates and implications for workers' health	SC on Radiation and Work
SS11 - Occupational and environmental medicine in Africa	Janvier Gasana (Kuwait University)
SS12 - The organisation of Moroccan crafts and government policy in the artistic crafts sector (<i>Session in French</i>)	Chakib El Houssine Laraqui Hossini (Morocco) + National Scientific Committee ICOH2024
SS13 - Occupational cancer: What are we missing?	SC on Occupational Medicine (SC OM) + SC on Effectiveness in Occupational Health Services (SC EOHS)
SS14 - Nanomaterial workers' health: State of the art, perspectives, and challenges	SC on Nanomaterial Workers' Health
SS15 - Proactive approach to accident prevention through risk management	SC on Accident Prevention (SC AP) + Institution of Occupational Safety and Health (IOSH), UK
SS16 - Risk management related to external companies (<i>Session in French</i>)	Interprofessional Group for Prevention and Industrial Safety (GIPSI), Morocco + National Scientific Committee ICOH2024
SS17 - 'Silver Linings': Enhancing occupational health of informal workers	SC on Small-Scale Enterprises and the Informal Sector (SC OHSSEIS) + Women in Informal Employment: Globalising and Organising (WIEGO, an NGO)
SS18 - Mental health and violence issues in health workers	SC on Women, Health and Work (SC WHW) + SC on Occupational Health for Health Workers (SC OHHW)
SS19 - Nordic and global collaborations for OSH impact: Integrating 'Vision Zero', climate change and NCD prevention to	Nordic Labour Inspections (Nordic Future of Work Group for OSH Practice) + WG on the Future of Decent Work

create safe, sustainable and healthy workplaces for all	+ European Agency for Safety and Health at Work (EU-OSHA) + International Association of Labour Inspection (IALI) + ILO
SS20 - Climate change challenges and its impact on occupational safety and health	International Social Security Association (ISSA) - Section Research
SS21 - New developments in pesticides: Enhancing occupational health and safety	SC on Rural Health: Agriculture, Pesticides and Organic Dusts + International Centre for Rural Health Milan, Italy
SS22 - Innovations in occupational health policy and practice: Promoting the fundamental right to a safe and healthy working environment	SC on Occupational Health and Development (SC OHDev) + WG on the Future of Decent Work + ILO
SS23 (Parts 1 and 2) - Building knowledge capacities for the future of work in the chemical industry	SC on Occupational Health in the Chemical Industry + MEDICHEM
SS24 - IARC Monographs update: Opportunities and challenges in occupational epidemiology and exposure characterization	International Agency for Research on Cancer (IARC) + National Scientific Committee ICOH2024
SS25 - Health literacy and occupational health	National Scientific Committee ICOH2024
SS26 - Prevention strategies and current challenges in occupational safety and health (OSH) across various countries	Seong-Kyu Kang (ICOH President)
SS27 - Core values at work — Everyday tools for the workplace	SC on Education and Training in Occupational Health (SC ETOH) + SC on Small-Scale Enterprises and the Informal Sector (SC OHSSEIS)
SS28 - The future of work after the COVID-19 pandemic: Ethical issues and proposed solutions	WG on Inequalities in Occupational Health + WG on the Future of Decent Work + WG on Demographic Changes and Occupational Health
SS29 - The history of occupational health on the African continent	SC on History of Prevention of Occupational and Environmental Diseases
SS30 - Road safety programme in the Moroccan cement industry (<i>Session in French</i>)	Professional Association of Cement Manufacturers (APC), Morocco + National Scientific Committee ICOH2024
SS31 - The African perspective of occupational health and safety	OSHAfrica
SS32 - Management of occupational poisonings in Morocco (<i>Session in French</i>)	Poison Control and Pharmacovigilance Center of Morocco (CAPM) + National Scientific Committee ICOH2024
SS33 - Recognised occupational CVD risk factors: Time to start a prevention Total Worker Health approach?	SC on Cardiology in Occupational Health

SS34 - Workplace Health Without Borders (WHWB), its mission and impact: OSH projects and training across the globe	Workplace Health Without Borders (WHWB) - International
SS35 - The impact of working from home on older workers	SC on Ageing and Work
SS36 - Electronic waste (E-waste) and informal work in low- and middle-income countries (LMICs)	SC on Unemployment, Job insecurity and Health (SC UJIH) + SC on Small-Scale Enterprises and the Informal Sector (SC OHSSEIS) + International Ergonomics Association (IEA) + Human Factors and Ergonomics Society (HFES)
SS37 - Occupational safety and health and decent work	WG on the Future of Decent Work + WG on Demographic Changes and Occupational Health
SS38 - Subcontractors' health and safety support in the Moroccan cement industry (<i>Session in French</i>)	Professional Association of Cement Manufacturers (APC), Morocco + National Scientific Committee ICOH2024
SS39 - How to publish your work on workers' health: Insights from the Editors- in-Chief of several OSH journals	Seong-Kyu Kang (ICOH President)
SS40 (Parts 1 and 2) - Bottlenecks and solutions in starting and progressing Basic Occupational Health Services (BOHS)	SC on Education and Training in Occupational Health (SC ETOH) + SC on Effectiveness in Occupational Health Services (SC EOHS) + SC on Small-Scale Enterprises and Informal Work (SC OHSSEIS) + SC on Rural Health: Agriculture, Pesticides and Organic Dusts
SS41 - Occupational health for migrant workers: Research gaps, interventions and the future ahead	WG on the Future of Decent Work + SC on Small-Scale Enterprises and the Informal Sector (SC OHSSEIS) + International Organization of Migration (IoM) + Migration Health and Development Research Initiative (MHADRI)
SS42 - Global Network for Evidence Synthesis in Occupational Safety and Health	SC on Effectiveness in Occupational Health Services (SC EOHS) + Global Network for Evidence Synthesis in OSH + Cochrane Thematic Group 'Work and Health and Social Security'
SS43 - Health and retirement	SC on Ageing and Work
SS44 - Stay-at-work for workers with chronic pain conditions	SC on Work Disability Prevention and Integration (SC WDPI)
SS45 - Towards the implementation of occupational health and safety legislation tailored to the specificities of emerging countries	Omar Benbada (Morocco) + National Scientific Committee ICOH2024
SS46 - Global Network of WHO Collaborating Centres for Occupational Health	Ivan Ivanov, WHO

SS47 - Role of the association of occupational doctors of the Eastern region of Morocco (AMETRO) in the promotion of health and safety at work in this region (Session in French)	Association of Occupational Medicine of the Eastern Region of Morocco (AMETRO) + National Scientific Committee ICOH2024
SS48 - Occupational health of the fisherman	Moroccan Society of Maritime Medicine (SMMM) + National Scientific Committee ICOH2024
SS49 - Neuropsychiatric effects of the 9/11 terrorist attacks	SC on Neurotoxicology and Psychophysiology
SS50 - Climate change and occupational health: International perspectives and highlights from the EU INTERCAMBIO project	Barcelona Institute for Global Health (ISGlobal), Spain
SS51 - Combating occupational heat stress: Moving towards a global approach	SC on Thermal Factors + La Isla Network, Washington DC, USA + Yong Loo Lin School of Medicine, National University of Singapore, Singapore + FAME Lab, University of Thessaly, Trikala, Greece + Sri Ramachandra Institute of Higher Education and Research, Chennai, India
SS52 - Vaccination and personal protective equipment (PPE) issues and mandates for health workers	SC on Occupational Health for Health Workers (SC OHHW)
SS53 - Crisis communication in the time of uncertainty and misinformation: Report from four countries and lessons learned for workers, and our community of practice	TG on Information and Communication
SS54 - The jigsaw of job insecurity	SC on Unemployment, Job insecurity and Health (SC UJIH)
SS55 - Women, health and work in post-pandemic times: Honoring the memory of Dr Julietta Rodriguez-Guzman	SC on Women, Health and Work (SC WHW)
SS56 (Parts 1 and 2) - 'Vision Zero' for promoting a culture of prevention in construction - Role of leadership, stakeholders and technology (Mini-symposium)	SC on Occupational Health in the Construction Industry + ISSA Construction Section
SS57 - Solar UV radiation exposure and occupational skin cancers	SC on Radiation and Work + SC on Occupational and Environmental Dermatoses (SC OED)
SS58 - Shift work, health and the individual: Challenges and opportunities for research and prevention	SC on Shiftwork and Working Time + SC on Epidemiology and Occupational Health (SC EPICOH)
SS59 - Occupational health for Indigenous and migrant workers: Challenges and opportunities	SC on Occupational Medicine (SC OM)

SS60 - The future of work: Emerging risks and opportunities for health and wellbeing	Sandeep Sharma (India, ICOH Board Member)
SS61 - Screening and surveillance for work-related asthma (WRA)	European Academy of Allergy and Clinical Immunology (EAACI) Taskforce on Work-related asthma questionnaires and algorithms for screening and surveillance (WAQASS)
SS62 - Ergonomics and musculoskeletal disorders in health workers and healthcare settings	SC on Occupational Health for Health Workers (SC OHHW) + SC on Musculoskeletal Disorders (MSDs)
SS63 - How to translate into practice the new knowledge in the field of occupational health and safety (OHS): A European example	Occupational Medicine Section of the European Union of Medical Specialties (EUMS) + European Association of Schools of Occupational Medicine (EASOM)
SS64 - New frontiers in auditory function damage prevention: Combined exposure assessment and effects, biomarkers, and digital audiometry	SC on Vibration and Noise
SS65 - SDG 8 Decent Work: Healthy workplaces for vulnerable workers	SC on Small-Scale Enterprises and the Informal Sector (SC OHSSEIS) + SC on Unemployment, Job Insecurity and Health (SC UJIH) + Core Values Working Group of the SC on Education and Training in Occupational Health (SC ETOH)
SS66 - Occupational health in Latin America: Postgraduate student presentations (Session in Spanish)	Society of Occupational Medicine of the Province of Buenos Aires, Argentina (SMTBA) - ICOH Affiliate Member <i>Sociedad de Medicina del Trabajo de la Provincia de Buenos Aires (SMTBA)</i>
SS67 - Climate change, air pollution and organic dust issues in rural populations and the need for sustainable agriculture	SC on Rural Health: Agriculture, Pesticides and Organic Dusts
SS68 - Development of guidelines in France for occupational practitioners	French Society of Occupational Health
SS69 - Occupational health in the automotive industry sector in Tangier (Northern Morocco) (Session in French)	Association of Occupational Medicine and Ergonomics of the Northern Region – Morocco + National Scientific Committee ICOH2024
SS70 - Workers' exposure survey on cancer risk factors – Discussion on findings	EU-OSHA
SS71 - Psychosocial risks and mental health promotion in Colombia	Colombian Society of Occupational Medicine (<i>Sociedad Colombiana de Medicina del Trabajo</i>) + ICOH National Secretary for Venezuela + Colombian Association of Disability Rating Boards (<i>COLJUNTAS</i>)
SS72 - Occupational health training and education in LMICs: Overcoming	Shyam Pingle (India, ICOH Board Member) + SC on Occupational Health and Development

challenges and developing solutions (Workshop)	
SS73 - Ergotoxicology	Alain Garrigou (France) + National Scientific Committee ICOH2024
SS74 - Off-job experiences and wellbeing	SC on Work Organisation and Psychosocial Factors (SC WOPS) + SC on Shiftwork and Working Time

Free Paper Abstract Sessions

Free Paper Sessions were allocated according to the list of 51 topics that were available for the submission of abstracts via the ICOH2024 Congress website. The very popular topics were granted multiple oral sessions, and topics which received very few or no abstract submissions were merged into combined sessions – either oral or poster, or both. All the abstracts were peer reviewed by the respective SCs and their allocated reviewers. The list of Free Paper topics is below.

- Ageing and Work
- Allergy and Immunotoxicology
- Biological Hazards in Occupational Health - Research and Practice
- Cardiology in Occupational Health
- Collaborations in Occupational Health in the Post-COVID Era
- Determinants in Work Ability
- Education and Training in Occupational Health
- Effectiveness in Occupational Health Services
- Emergency Preparedness for Organisations – New Developments and Worldwide Examples
- Epidemiology in Occupational Health
- Evidence-Based Prevention in Occupational Health
- History of Prevention of Occupational Exposure, Injury, and Disease
- Human Resources Management, Strategies and Practices for Promoting Wellness in the Workplace
- Indoor Air Quality and Health
- Industrial Hygiene and Aerosol Measurements in Evaluating Worker Exposures
- New Technologies in Information and Communication in OSH – Learnings from COVID-19

- Nanomaterials Workers' Health
- Occupational and Environmental Dermatoses – Status Quo, Novel Findings and Future Challenges
- Occupational Health for Health Workers
- Occupational Health in Small-Scale Enterprises
- Occupational Health in the Chemical Industry
- Occupational Medicine
- Occupational Toxicology, Human Biomonitoring, and Neurotoxicology
- OSH in Low- and Middle-Income Countries (LMICs) – Sharing Good Practices
- OSH in Mining, and Prevention and Control Strategies in Small and Large Enterprises
- OSH in Morocco
- OSH Management in the Construction Industry – Technologies and Strategies for High-Risk Activities
- OSH Performance Management
- OSH, Sustainability, and the SDGs
- Positive Mental Health, Work Engagement and Wellbeing
- Prevention and Rehabilitation of Work-Related Diseases in Healthcare Workers – An ISSA Session
- Proactive Accident Prevention
- Promoting Sustainable Work and Development through Excellence in OSH
- Psychosocial Risks – Regulation and Policies from an International Comparative Perspective
- Qualitative and Micro-Level Interventions to Improve Work Organisations
- Radiation and Work
- Reproductive Hazards in the Workplace
- Respiratory Disorders
- Rural Health: Agriculture, Pesticides and Organic Dusts
- Safety Culture in the Workplace
- Shiftwork and Working Time
- Substance Use, Addictive Disorders, Doping and Work
- The Burden of Occupational Diseases and Injuries

- The Occupational Health Nursing Practitioner
- Thermal Impacts on Workers and Work in a Warming World
- Unemployment, Job Insecurity and Health – Work in a Post-Pandemic Future
- Vibration and Noise
- Women, Health and Work
- Work and Vision
- Work Disability Prevention – Policies, Intervention Strategies, and Implementation Issues
- Work-related Musculoskeletal Disorders – The New Ways of Working, and Prevention among Informal Workers

Other highlights of the scientific programme include:

- A total of 350 scientific content hours to be provided by the plenary and semi-plenary speakers and across 150 Special and Free Paper Sessions, as well as 12 e-poster sessions
- An active programme focusing on early- and mid-career delegates, including a prize for the best student poster and the International Organization of Labour (ILO) Master Fellowship Award
- The ICOH2024 Student Poster Competition, chaired by Claudina Nogueira (ICOH Vice President for SCs, 2018-2024), in collaboration with Marilyn Fingerhut (immediate past ICOH Vice President for Scientific Committees), and Garrett Burnett of National Institute for Occupational Safety and Health (NIOSH), USA
- The National Organising Committee will award the “Jaouad El Jaï Prize” for the best Moroccan poster presentation
- Delegates from LMICs who are ICOH members in good standing and whose abstracts submitted to Free Paper topics (for oral or poster presentations) were accepted, were able to apply for a grant to support their participation. Just over 100 ICOH members in good standing from LMICs met the eligibility criteria and received registration fee waivers
- The Global Policy Forum, on ‘Strategies to improve occupational health and safety policies and implementation in low- and middle-income countries’ will build on the lessons learned from high-income countries as well as from LMICs. Leading experts in the fields of occupational health research and practice from

international organisations, well-known public institutes and representing all continents, will interactively discuss the challenges for translating into practice the wealth of science and knowledge produced globally by researchers on occupational health and safety. Proposals will be formulated on how to best use the research results and strategies for priority actions and programmes for protecting and improving workers' health in the globalization era.

I would like to thank the dedicated teams at ICOH and the various Organising and Scientific Committees for their unwavering support and assistance during this triennium, to make the ICOH2024 Congress possible. In particular, I would like to thank:

- (i) The colleagues from Morocco, the hosts and national organisers of the Congress – my counterpart Kamal Wifaq (Co-Chair of the Scientific Programme), Abdeljalil El Kholti (ICOH2024 Congress President), and their respective teams (members of the National Scientific and Organising Committees), for their valuable contributions to the Scientific Programme and the planning, organisation, and logistics of the Congress,
- (ii) The ICOH Secretariat – the ever-reliable and helpful behind-the-scenes actors who ensure that the various logistical and administrative aspects related to all-things-ICOH and various aspects of the ICOH2024 Congress are kept on the radar and addressed timeously and efficiently,
- (iii) The ICOH SCs, whose contributions form a large part of the Scientific Programme of the ICOH2024 Congress,
- (iv) The ICOH Officers – Seong-Kyu Kang (ICOH President), Diana Gagliardi (ICOH Secretary General), Martin Hogan (ICOH Vice President), and Jukka Takala (ICOH Immediate Past President) - for their advice and support, and willingly sharing their expertise throughout the triennium.



The Congress 'cutting crew' at the main entrance of the Palais des Congrès, in Marrakesh, Morocco – ICOH Officers and members of the ICOH Secretariat and the National Organising and Scientific Committees of the upcoming ICOH2024 Congress met face-to-face, onsite in Marrakesh, for the last time before the Congress, from 6 to 10 January 2024. L to R: Fadwa Darid (Morocco), Sara Soltani (Morocco), Pasquale Fruscella (Italy), Prof. Loubna Tahri (Morocco), Valeria Boccuni (Italy), Dr Diana Gagliardi (ICOH Secretary General, Italy), Prof. Abdeljalil El Kholti (ICOH2024 Congress President, Morocco), Prof. Seong-Kyu Kang (ICOH President, Republic of Korea), Claudina Nogueira (ICOH Vice President and Scientific Co-Chair: ICOH2024 Congress, South Africa), Hamid Jaiti (Morocco), and Khadija Ait Ohanni (Morocco) Inset: Prof. Kamal Wifaq (Scientific Co-Chair: ICOH2024 Congress, Morocco)

Photograph: Courtesy of ICOH2024 Congress Organisers



A tale of two Presidents – At the June 2022 planning meeting in Marrakesh, the ICOH flag was handed by ICOH President Prof. Seong-Kyu Kang (left) to the ICOH2024 Congress President Prof. Abdeljalil El Kholti (centre), while Loubna Tahri, member of the Local Organising Committee, looked on

Photograph: Dr Diana Gagliardi, ICOH Secretary General (Italy)



Save the date to visit Marrakesh, Morocco! – For only the second time in ICOH’s 118-year history, the ICOH Triennial Congress will be held in Africa. The ICOH2009 Congress was held in Cape Town, South Africa, in March 2009

Photograph: Courtesy of ICOH2024 Congress Organisers

Conclusion

Throughout this triennium, many of the ICOH SCs and their members have continued their efforts to remain active in research, advocacy, advisory, and service delivery endeavours, and to make valuable contributions to global occupational health, even in the face of ongoing constraints and barriers. Many SCs continued to use online platforms to hold virtual meetings, conferences, seminars, and webinars. The SCs collaborated to hold joint events and contributed to the upcoming ICOH2024 Congress in various ways. Over the triennium, the ongoing perseverance of the SCs and their members has ensured that valuable outputs have arisen from their collaborative work with other SCs, as well as non-ICOH organisations, such as the World Health Organization (WHO) and the International Labour Organization (ILO), e.g. the publication of scientific papers, book chapters, position statements, survey findings, and technical notes; the drafting of conference declarations; the development of handbooks and guidelines; and presentations at many conferences.



Addendum 1

‘Highlights’ - Examples of Major Projects, Outputs, and Focus Areas of Scientific Committees February 2022 – February 2024 (full triennium)

SC Accident Prevention (SC AP)

- The SC organised, collaborated, and presented a free webinar titled ‘Applying safety investigation standards to occupational health incidents’ in September 2022, to an audience of 342 participants. Insights were gained on why participants believe health events are not investigated to the same extent as safety-related events. These can be explored further, as well as barriers identified and take-home messages, in the annexure at the end of the SC’s Midterm Report.
- The SC Chair, Karen Michell, participated as a subject expert in the MENTUPP Consortium research. The aim of the MENTUPP-Hub is to improve mental health in the workplace by developing and validating real-world interventions in small and medium enterprises (SMEs), construction and healthcare sectors, and to reduce self-harm and suicide.
- SC AP partnered with the Institution of Occupational Safety and Health (IOSH), UK, on research calls for investigations into work-related adverse health outcomes, so that these can be conducted as thoroughly as safety-related events. IOSH sought proposals from experienced researchers into the barriers and facilitators of these investigations, with the ultimate objective of developing a framework and guideline for use by multidisciplinary professionals.

SC Ageing and Work

- The SC Chair, Jodi Oakman, was part of a collaborative group working on the future of work. See the following publication:
Schulte, P.A.; Iavicoli, I.; Fontana, L.; Leka, S.; Dollard, M.F.; Salmen-Navarro, A.; Salles, F.J.; Olympio, K.P.K.; Lucchini, R.; Fingerhut, M.; et al. Occupational Safety and Health Staging Framework for Decent Work. *Int. J. Environ. Res. Public Health* **2022**, *19*, 10842. <https://doi.org/10.3390/ijerph191710842>

SC Allergy and Immunotoxicology

- The collaboration between the Research Group for Allergy and Immunotoxicology and the Japan Society for Occupational Health (JSOH), yielded the following publication, with the SC Secretary, Hiroo Wada, as a co-author - Dobashi K, Yoshida T, Morimoto Y, Ueda A, Itoh T, Wada H, Kayama F, Satoh K, Satoh M, Shibata E, Suganuma N, Takeshita T, Tsunoda M, Nishimura Y, Yanagisawa H, Li Q. Allergy and immunotoxicology in preventive and clinical medicine from theory to practice: Occupational allergy and isocyanate-induced asthma. *Sangyo Eiseigaku*

SC Biohazards and Occupational Health (SC BOH)

- Although very newly established (it was only following the COVID-19 global pandemic that affected workplaces and workers other than health facilities and workers, that SC BOH was initiated as an ICOH SC), the SC members produced a substantial number of publications during the triennium, and delivered various presentations at different fora, including the webinar titled 'Occupational Infections: Reports from South Africa', hosted by the South African Society of Occupational Medicine (SASOM) on 27 March 2024. In particular, the following five publications were produced specifically as outputs of the SC BOH:
 - Ross M, Singh T. Establishment and progress of the Scientific Committee Biohazards and Occupational Health. *Newsletter of the International Commission on Occupational Health* 21(2):11-13 (August 2023)
 - Ross MH, Singh T. Renewed focus on re-emerging occupational biohazards. *Occup Health Southern Afr.* 2023; 29(1): 28-30.
 - Frean J, Ross M. African trypanosomiasis: Lessons for occupational health practitioners. *Occup Health Southern Afr.* 2023; 29(2): 88-89.
 - Frean J, Ross M. Malaria: Lessons for occupational health practitioners. *Occup Health Southern Afr.* 2023; 29(3): 141-143
 - E Ratshikhopha, D Matuka, T Singh. Mould allergy: Lessons for occupational health practitioners. *Occup Health Southern Afr.* 2024 (in press)
- Building on the longstanding relationship that started in the days SC BOH's predecessor (the ICOH Working Group on Occupational Infectious Agents [WG OIA]), and aligned with the SC BOH's workplan for the triennium, the SC is implementing the collaboration with the *Occupational Health Southern Africa* (OHSa) journal in publishing articles related to biohazards and occupational health. In a renewed focus on re-emerging occupational biohazards, a series of published articles on specific occupational biohazards with case studies were made available through the SC BOH members, and if ICOH so wished, also through the ICOH National Secretaries, for potential translation and wider use (see publications listed above, as examples).
- Current members of SC BOH had an ongoing collaboration with the ILO (as members of the WG OIA) until June 2022, to develop a guidance document that was used to prepare the ILO Technical Guideline on Biological Hazards (draft) that was released in June 2022. The SC Chair and SC Secretary, Profs Mary Ross and Tanusha Singh, respectively (South Africa), represented ICOH by participating in a virtual meeting of the WHO Infection Prevention and Control (IPC) Hub on March 14, 2023. The meeting focused on promoting improvements in IPC, such as hand hygiene in healthcare, and introduced the ILO Technical Guidelines on Biological Hazards (draft), for which Profs Ross and Singh were members of the ILO Task Team.

- Prof. Singh attended the international meeting convened by the WHO on the Global Action Plan (GAP) and global monitoring framework (MF) for infection prevention and control (IPC) on 16-18 May 2023, on behalf of ICOH. The aim was to make progress in developing the GAP, shifting from strategies to actions for adoption by countries to deliver the impact that is needed. The role of ICOH as an important partner in the implementation of strategies and measure in workplaces was recognised. Also, Prof. Singh was invited by the WHO to participate in a Delphi survey on indicators and targets to be included in the new global MF for IPC.
- Various investigations into biohazards in occupational health are being led by SC BOH members, e.g., Prof. Stefano Porru (Italy) is co-leader of Work Package 5, ORCHESTRA Project 'Connecting European Cohorts to Increase Common and Effective Response to the SARS-CoV-2 Pandemic: ORCHESTRA' (European Union's Horizon 2020 Research and Innovation Programme); and Prof. Toru Yoshikawa (Japan), member of the Occupational Infection Control Research Group, is researching the impact of COVID-19 on workplaces in the East Asia region, including respiratory protection, COVID-19 infection prevention in the workplace, and initiatives to support the return to work of patients with post-COVID-19 conditions. Members of SC BOH are members of editorial boards of journals, and through its members, SC BOH is associated with academic institutions in e.g., South Africa, Finland, and Italy.
- As is evident from the member contributions and collaborations, COVID-19 persists as a priority not only for health and other workers at work but also in managing fitness to return to work with long COVID. In addition, community outbreaks such as the re-emergence of measles and potential future pandemics continue to emphasise the workplace: community interface that affects occupational health post the COVID-19 pandemic.

SC Cardiology in Occupational Health

- During the reporting period, SC members were active in their research and published close to 100 scientific papers, although many were not direct outputs of the SC.
- The SC did not organise or co-organise a conference during the triennium, but members contributed to, or participated in, conferences, webinars and seminars on the following topics: (i) The physical activity health paradox and workers' cardiovascular health: Recent evidence, mechanisms, and potential implications for occupational health practices; (ii) EpiBio Seminar Series 2022: Chronic Disease Prevention in the Workplace - From research to clinical practice and public health policy; (iii) 29 ICSV - 29th International Congress on Sound and Vibration; (iv) Polish Conference on Ergonomics in Old Age; and (v) 2023 ROUNDS Faculty of Medicine, University of Toronto, presentation by the SC Secretary, Prof. Franca Barbic (Italy), on 'Sleep deprivation and cardio-metabolic risk in the workplace: Role of the autonomic nervous system'.

- The SC is planning a conference during the upcoming triennium (2024-2027): 8th International Conference on Work Environment and Cardiovascular Diseases (ICOH-CVD), to be held at the Faculty of Public Health, Mahidol University, Bangkok, Thailand, from 20 to 22 August 2025. The growing interest in the application of the *Total Worker Health* approach to prevent cardiovascular diseases will be one of the conference topics.
- Through the SC Secretary, the SC started two new collaborations with non-ICOH organisations during the triennium: (i) Global Burden Disease International and Global Burden Disease, Italian Network (September 2023, and (ii) Collaboration with GRADE International Group: ‘Assessing the quality of evidence in environmental and occupational health’.

SC Education and Training in Occupational Health (SC ETOH)

– No final triennium report received by VP

- The SC ETOH collaborated with SC Rural Health in the production and dissemination of a new free-of-charge book on ‘Work and Health in Agriculture’ (160 pages) intended to be used by primary, community and occupational healthcare professionals and volunteers. In September 2022, two SC members published the freely available ‘Repository of references to publications on Basic Occupational Health Services (BOHS) and similar initiatives in the world (a complete and a concise version)’. This online resource includes bibliographic information, a concise content description and a hyperlink to 189 publications on BOHS and related healthcare innovations published in the past 20 years.
- SC ETOH has continued its collaboration with the Foundation for Learning and Developing Occupational Health (LDOH) in the Netherlands, such as in the free e-library of e-lessons and e-modules in Occupational Safety and Health, available at <https://library-education-osh.ldoh.net/>
- During the triennium, the SC ETOH laid the foundation and carried out preparatory work for the creation of an SC Expert Sub-Group on BOHS.

SC Effectiveness in Occupational Health Services (SC EOHS)

- SC EOHS members have continued their collaborations with non-ICOH organisations such as (i) the Cochrane Work; (ii) the Modernet (Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETWORK) Working Group; (iii) COVID-19 Task Group of the former COST Action OMEGA-NET; and (iv) Global Network for Evidence Synthesis in Occupational Safety and Health, Work Participation and Wellbeing (in short ‘Evidence for Work’), as indicated below:
 - The SC Chair and SC Secretary, Stefania Curti (Italy) and Carel Hushof (The Netherlands), respectively, were involved in two Cochrane reviews on the

effects of preventing asbestos exposure. This project was developed in collaboration with INAIL and Cochrane Work.

- The SC Chair and SC Past Chair, were part of the Scientific Committee of the Modernet meeting on Occupational Health after the COVID-19 pandemic that took place in Milan, Italy, in October 2023. The following topics were covered: (i) new and emerging risks and diseases in agriculture, with a specific focus on biological agents; (ii) solar radiation exposure and workers' health risk in the global warming scenario; and (iii) evidence-based and cost-effective methods for the early detection of occupational diseases.
- The aim of the COVID-19 Task Group of the former COST Action OMEGA-NET is to provide an overview of the recognition of COVID-19 as an occupational disease or injury across Europe. This research was published in the *Occupational and Environmental Medicine* journal: Nys *et al.* Recognition of COVID-19 with occupational origin: A comparison between European countries. *Occup Environ Med.* 2023 Nov 23;80(12): 694-701.
- The Global Network 'Evidence for Work' was initially funded by the Italian National Institute for Insurance against Accidents at Work (INAIL), and is dedicated to shaping the synthesis, dissemination, and implementation of evidence in the field of OSH. Members of SC EOHS contribute to the activities of this Global Network, and since March 2023, two meetings have taken place, at the INAIL headquarters in Rome, Italy: March and November 2023.
- During the period under review, SC EOHS collaborated with the following SCs: Musculoskeletal Disorders, Education and Training in Occupational Health, Radiation and Work, Occupational and Environmental Dermatoses, Occupational Medicine, Rural Health, and Occupational Health in Small-Scale Enterprises and the Informal Sector.
- The SC EOHS organised the International Symposium on 'Effective prevention of skin cancer in workers exposed to solar ultraviolet radiation', in collaboration with the SCs on Occupational and Environmental Dermatoses and Radiation and Work. The hybrid event was held at the NOVA National School of Public Health, Lisbon, Portugal, on 6 February 2024.

SC Emergency Preparedness and Response in Occupational Health (SC EPROH)

– No final triennium report received by VP

- During the triennium, the SC organised and presented a webinar on 'Emergency preparedness in the cold and wet', in January 2023.
- The SC EPROH collaborated with the IOGP/IPIECA Health Committee that looks after senior medical officers of the oil and gas industry and prepares guidelines,

more recently as related to COVID care in organisational settings. In 2022 the 'Medical emergency response and primary healthcare guideline' was published, with a focus on organising emergency care, from first aid to hospital care, in organisational and remote settings. The SC continued its longstanding collaboration with the CONCAWE Health Committee that addresses the health issues in the refinery business, mainly as related to occupational health and first aid. The 'First Aid Reference Guide – 2021 update' was delayed due to COVID and the last editorial activities took place in during 2022 for its publication.

SC Epidemiology in Occupational Health (SC EPICOH)

- The SC EPICOH organised the 29th Symposium on Epidemiology in Occupational Health (EPICOH2023) in hybrid format, held in Mumbai, India, 14 to 17 March 2023, in collaboration with the following SCs: Rural Health, Occupational Health and Development, Mining Occupational Safety and Health, Occupational Health in the Chemical Industry, and Musculoskeletal Disorders.
The abstracts were published in a special issue of *Occupational and Environmental Medicine*, the official journal of EPICOH and are available at: https://oem.bmj.com/content/80/Suppl_1
- The SC Secretary, Sara de Matteis (Italy), contributed as expert consultant to the 'WHO Report - Human health effects of benzene, arsenic, cadmium, nickel, lead and mercury: Report of an expert consultation'. Copenhagen: WHO Regional Office for Europe; 2023. Licence: CC BY-NC-SA 3.0 IGO. (Available at <https://www.who.int/europe/publications/i/item/WHO-EURO-2023-8983-48755-72523>)
- The SC Secretary is the Director of the WHO Collaborating International Centre for Rural Health at the Saint Paul University Hospital in Milan (<https://apps.who.int/whocc/Detail.aspx?ufu3QP3RViEzBT69hWi7Vw==>)
- Planned scientific events for the upcoming triennium (2024-2027) include the EPICOH Early Career Conference, November 2024, in Barcelona, Spain; and the 30th Symposium on Epidemiology in Occupational Health (EPICOH2025), October or November 2025, in Utrecht, the Netherlands.
- The revival of the Early Career Researchers Network, which was paused during the COVID-19 pandemic, is anticipated to have long-lasting effects on global occupational health as it seeks to recruit and engage early career researchers in conducting meaningful research to improve occupational health around the world.

SC History of Prevention of Occupational and Environmental Diseases

- The SC organised the 7th International Conference on the History of Occupational and Environmental Health, which took place at the University of KwaZulu-Natal, Durban, South Africa, from 15 to 17 November 2023 (postponed from 2020 due to the COVID-19 pandemic), and was held in Africa for the first time. The scientific

programme focused on the migration of workers in various time periods, the interconnections of empires, public health in post-colonial periods, and the role of trade unions and other social movements in occupational and environmental health. The evolution of occupational and environmental health especially in Africa, as well as globally, was addressed. The abstracts of the presentations were published in the *Occupational Health Southern Africa* journal and are available at: www.occhealth.co.za/_assets/articles/351/2460.pdf

SC Indoor Air Quality and Health (SC IAQH)

- The SC IAQH provided support to the WHO by the Chair participating in the IARC/WHO Working Group of Volume 131 of the IARC Monographs on the carcinogenicity of 'Cobalt Metal (without Tungsten Carbide) and Cobalt (II) Salts, Weapons-Grade Tungsten (with Nickel and Cobalt) Alloy, and Antimony Trioxide'. The Working Group meeting was held remotely from 2 to 18 March 2022, Lyon, France. <https://monographs.iarc.who.int/iarc-monographs-meetings/>
- The SC organised and presented in the 'Workshop: Integrated evaluation and management of indoor air quality in modern office buildings', at the Indoor Air 2022 International Conference held from 12 to 16 June 2022, in Kuopio, Finland. <https://indoorair2022.org/workshops/>
- The SC participated in a joint symposium organised by the Taiwan Society of Indoor Environmental Quality (TSIEQ), the Korean Society for Indoor Environment (KOSIE), and the Society of Indoor Environment, Japan (SIEJ). The symposium was held on 1 December 2022, Tokyo, Japan. <https://confit.atlas.jp/guide/event/siej2022/top> (in Japanese).

SC on Industrial Hygiene (SC IH)

- The SC IH organised and presented the online seminar 'Biological agents: An under-examined risk factor in occupational hygiene' on 21 November 2023, in collaboration with the European Platform for Occupational Hygiene and the Spanish Association of Occupational Hygiene.

SC Mining Occupational Safety and Health (SC MinOSH)

- During the reporting period, SC MinOSH was very active in organising four webinars, six SC Business Meetings, drafting and disseminating newsletters for its members, and holding its third international conference, jointly with other organisations, in Kampala, Uganda in September 2022.
- The very well attended webinars were organised solely or in collaboration with other entities, on the following topics: 'Beyond compliance towards a preventive culture by Vision Zero – A global strategy for safety, health and wellbeing' (in two parts); 'The promise and potential consequences of screening tests for early

detection of silicosis and silico-tuberculosis'; and 'Update on silicosis detection and relief - Sharing experiences'.

- SC MinOSH organised a Special Session at the EPICOH2023 Conference in Mumbai, India, in March 2023; contributed to and participated in the 23rd World Congress on Safety and Health at Work in Sydney, Australia, in November 2023; and participated in the 7th International Conference on the History of Occupational and Environmental Health, Durban, South Africa, in November 2023.

SC Musculoskeletal Disorders (SC MSD)

- The SC MSD's triennium international conference - International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS) - was organised for the 11th time in Bengaluru, India, in September 2023. This conference also hosted two other international conferences: the 6th Work Disability Prevention and Integration (WDPI) International Conference, and the 11th Myofascial Pain Syndrome and Fibromyalgia Syndrome (Myopain) International Conference. The Conference was co-organised with the SC WDPI.
- Two new books are under preparation, and planned to be published during 2024; the books are edited by the SC MSD Chair, Dr Deepak Sharan:
 - Work-related musculoskeletal disorders in the new ways of working: Pathophysiology, diagnosis, management, and prevention,
 - Understanding work-related musculoskeletal disorders in the new ways of working

SC Nanomaterial Workers' Health

Publications:

- Bocca B, Battistini B, Leso V, Fontana L, Caimi S, Fedele M, Iavicoli I. Occupational exposure to metal engineered nanoparticles: A human biomonitoring pilot study involving Italian nanomaterial workers. *Toxics*. 2023 Jan 26;11(2):120. doi: 10.3390/toxics11020120. PMID: 36850996; PMCID: PMC9962841.
- Leso V, Battistini B, Vetrani I, Reppuccia L, Fedele M, Ruggieri F, Bocca B, Iavicoli I. The endocrine disrupting effects of nanoplastic exposure: A systematic review. *Toxicol Ind Health*. 2023 Nov;39(11):613-629. doi: 10.1177/07482337231203053. Epub 2023 Sep 27. PMID: 37753827.
- Schulte PA., Leso V, Iavicoli I. Responsible development of emerging technologies: extensions and lessons from nanotechnology for worker protection. *JOEM (submitted)*
- The SC collaborated with the ICOH Working Group on Future of Decent Work in the development of a publication that address potential hazards, etiologic factors, and interventions for the future workforce: Occupational safety and health staging

framework for decent work. *Int J Environ Res Public Health*. 2022 Aug 31;19(17):10842. doi: 10.3390/ijerph191710842.

SC Neurotoxicology and Psychophysiology

– No final triennium reports received by VP

- SC members, as well as members from other SCs, contributed several chapters to the series 'Advances in Neurotoxicology'; *Volume 7 – Occupational Neurotoxicology*, edited by Roberto Lucchini, Michael Aschner, and Lucio Costa, was published in July 2022 and covers neurotoxicants and exposures to a variety of hazards in the workplace and how they can affect nervous functions in different ways (eBook ISBN: 9780128191774).

SC Occupational and Environmental Dermatoses (SC OED)

- During the current triennium, the members of the SC OED have published more than 50 scientific papers.
- The SC OED has created synergies and reinforced cooperation with the SC Radiation and Work, WHO, International League of Dermatological Societies (ILDS), the European Society of Contact Dermatitis (ESCD), the EU Commission, the European Agency for Safety and Health (EU-OSHA), and the European Academy of Dermatology and Venereology (EADV). The objective is to join efforts to improve the prevention of occupational skin diseases, including occupational skin cancer, and thus to achieve the goals of the SC, which are in line with the goals of the other aforementioned organisations.

SC Occupational Health and Development (SC OHDev)

- The SC OHDev organised the Global Roundtable on 'National Policy Approaches for Work-related Mental Health' in collaboration with the SC Work Organisation and Psychosocial Factors (SC WOPS), at the Joint Congress of ICOH-WOPS and the Asia Pacific Academy of Psychosocial Factors at Work (APA-PFAW) 2023, held in Tokyo, Japan, in September 2023.

SC Occupational Health for Health Workers (SC OHHW)

- The SC organised and hosted the 12th International Conference of the ICOH SC on Occupational Health for Health Workers (OHHW), New York City, USA, in October 2023, in collaboration with SC Women, Health and Work.
- The COVID pandemic showed the crucial role of health workers and the importance of the current shortage. The influence of the SC OHHW became clear, e.g., the SC Chair was asked to review the WHO/ILO document on 'National Occupational Health Programmes for Health Workers' as an ICOH-SC OHHW representative. Additionally, several members were invited to give presentations at national and international meetings. The SC has been recognized as an authority in occupational health for health workers by various organisations.

SC Occupational Health in Small-Scale Enterprises and the Informal Sector (SC OHSSEIS)

- The SC participated (online) in an ICOH meeting with the Migrant Health Division of the International Organisation on Migration (IOM) in September 2022, to develop collaboration on migrant workers' occupational health issues. Following on from this initial meeting, the SC OHSSEIS initiated a new sub-committee on 'Occupational Health of Migrant Workers', which met online for the first time in February 2023. The main objective of the new sub-committee is to support the intentions of the 'ICOH Statement on Migrant Workers' through actions that: (i) identify and support those working on the topic of 'Occupational Health for Migrant Workers', in relation to SMEs and the informal sector, and encourage collaboration with others; and (ii) contribute to, and attend where possible, events (conferences, webinars, meetings etc.) that are of common interest in relation to migrant workers.
- A SC OHSSEIS sub-group met several times during 2023 and 2024 and drafted a short publication on 'Migrant Worker Accommodation' – for discussion at the ICOH2024 Congress with view to publication as an ICOH Position Paper or policy guidance.
- The SC organised/co-organised and/or presented at the following seminars during the triennium: (i) 'Industrial Hygiene Training Programme: Prevent workplace exposures for a healthier work life' (Colombo, Sri Lanka, September 2023); (ii) 'Labour inspection in the changing world of work' (Sydney, Australia, November 2023); and (iii) 'Healthy work for small business, workers and Communities' (Parramatta, Australia, December 2023).
- The SC OHSSEIS Chair, Mahinda Seneviratne, attended informal meetings with the World Bank and ILO representatives in New Delhi, India, at the invitation of fellow ICOH members, to understand current strategies and programmes in addressing silicosis and silico-tuberculosis (September 2023).
- The SC OHSSEIS Secretary, Prof. Somnath Gangopadhyay, was an invited speaker at the PREMUS 2023 Congress in Bangalore, India, where he presented on workers in the Indian informal sectors; and discussed the future of work in Indian informal sectors at an online webinar organised by the International Ergonomics Association (IEA).

SC Occupational Health in the Chemical Industry

– No final triennium report received by VP

SC Occupational Health in the Construction Industry

- The SC contributed to the 11th American Society of Safety Professionals (ASSP) India Chapter Professional Development Conference in Chennai, India, in April

2023, and supported the certificate course in occupational ergonomics (six months duration, starting in November 2023) organised by the Faculty of Health and Wellness of Sri Sri University, and endorsed by ASSP India Chapter.

- The SC presented a webinar titled 'Occupational health in the construction industry: Actionable solutions for emerging issues', in July 2023.
- The SC approved the proposal of recognizing a senior OSH professional who has contributed immensely to the field of occupational health and safety in the construction industry by bestowing the 'Lifetime Achievement Award' – consisting of a plaque and a citation to be conferred on the recipient. Dr Anders Englund of Sweden (proposed by Dr Knut Ringen and seconded by Dr Kalyan Brata Saha), was unanimously approved as the first recipient of this prestigious recognition.

SC Occupational Health Nursing (SC OHN)

- The SC OHN organised five SC Business Meetings, and participated and/or contributed to five workshops during the reporting period. The topics of the workshops were as follows: 'Substance abuse and resilience in the workplace', 'Women in industry', 'Women in industry: Women's health in a Japanese company', 'Occupational health post-COVID and what we have learned', and 'How does organ donation affect workers in the industry and how does the process work?'.

SC Occupational Medicine (SC OM)

- The SC OM organised and hosted the 1st International Conference of the ICOH Scientific Committee on Occupational Medicine, in Kuala Lumpur, Malaysia, in September 2023, in collaboration with the Malaysia Society of Occupational Health Doctors (MSOHD).
- The SC OM organised and presented seven webinars during the current triennium on the following topics: (i) occupational lung diseases, (ii) health promotion in the workplace, (iii) occupational musculoskeletal disorders, (iv) diagnosis of occupational disease, (v) 'Occupational cancer: Asbestos and its menace', (vi) 'In remembrance of Ramazzini: Evolution of occupational medicine', and (vii) 'Shielding future health and uniting against occupational diseases'.

SC Occupational Toxicology (SC OT)

- The SC OT organised and hosted the 12th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-12) in Porto, Portugal, in June 2023, in collaboration with the following SCs: Nanomaterial Workers' Health, Rural Health, and Toxicology of Metals.

- A SC OT Working Group is conducting a survey on the use of human biological monitoring in the real world. This is a collaborative project among SC OT members.

SC Radiation and Work (SC RW)

- The SC contributed and/or co-organised the following events during the current triennium:
 - International Advisory Committee Meeting on Non-ionizing Radiation - 2023 meeting of the UV programme and of the International EMF Project (organised by the WHO);
 - The Modernet Congress in Milan, Italy in October 2023 (organised by Modernet - Monitoring Occupational Diseases and tracing New and Emerging Risks in a NETwork);
 - The International Symposium on 'Effective prevention of skin cancer in workers exposed to solar ultraviolet radiation', in collaboration with the SCs on Occupational and Environmental Dermatoses and Effective Occupational Health Services. The hybrid event was held at the NOVA National School of Public Health, Lisbon, Portugal, on 6 February 2024.
- The SC organised and presented a webinar on topics related to the prevention of occupational risks in workers exposed to ionizing and non-ionizing radiation, in October 2023.

SC on Reproductive Hazards in the Workplace (SC RHICOH)

– No final triennium report received by VP

SC Respiratory Diseases (SC RD)

– No final triennium report received by VP

SC Rural Health: Agriculture, Pesticides and Organic Dusts (SC RH)

- The SC RH collaborated with the various ICOH SCs and the following non-ICOH entities during the period under review:
 - American Society of Safety Professionals (ASSP, India Chapter)
 - Indian Association of Occupational Health (IAOH)
 - Centre for Industrial Safety, Anna University, Chennai, India
 - South African Society of Occupational Medicine (SASOM)
 - Danish Society of Occupational and Environmental Health
 - International Social Security Association (ISSA) - on prevention in agriculture and transportation
 - Biocidal Occupational and Environmental Health Association
 - Serbian Academy of Sciences and Arts - Board for Rural Issues
 - University of Belgrade - Faculty of Medicine
 - Serbian Institute of Occupational Health
 - International Association of Rural Medicine (IARM)

- The SC has taken the initiative to participate in the United Nations (UN) Programmes on the Sustainable Development Goals (SDGs). The SC Chair, Dr Sashikaka Chandrasekar (India) participated in the UN Meeting for SDGs (UNGA 77) in New York, USA, in September 2022, where the SC RH's initiatives for creating awareness on global warming were well received and appreciated. She also participated in the SDG Summit and the Science Summit (UNGA 78) in September 2023, where sessions on agroecology, pesticides, climate change, universal health care, generational and gender equality, 'SDG Digital', the WHO, and inclusive ecosystem were well attended by many delegates.
- The SC participated in, and contributed sessions or presentations to, various conferences during the triennium. Examples are: (i) EPICOH2023, in Mumbai, India, in March 2023; (ii) the International Association of Rural Health and Medicine (IARM) 2023 Congress, in Belgrade, Serbia, in September 2023; and the 23rd World Conference on Safety and Health at Work, in Sydney, Australia, in November 2023.

SC Shiftwork and Working Time

- The SC has shared a website and other aspects of SC management with its twinned registered non-profit 'Working Time Society' (WTS); the latter has invested time and effort during the triennium in revamping the website (www.workingtime.org) and increasing its social media presence. The SC held leadership meetings almost monthly throughout the triennium, and at one of these meetings, the decision was taken to disconnect the WTS from the SC as each entity operates under different governing rules, although with common purpose. It is expected that the two entities will work collaboratively on a number of projects while having the autonomy to pursue independent activities. The WTS has launched its new web presence and has moved over its membership database. It is still getting set up, which when done, will allow for registration to events, dues collection, private area for member-related information, and better coordination with its social media presence. The old website has been decommissioned.
- The SC is developing new career awards to support those entering the field and who have contributed to it, including articles of the year.
- During the period under review the SC presented six webinars, solely or in collaboration with other entities, to promulgate research and ideas into the shiftwork and working time community. The webinars were presented on the following topics: 'WTS Global Seminar Series Part 1'; 'Global seminar series to showcase current research in work hours and shift work'; 'Global seminar - Fatigue management and mitigation: Perspectives for safety and reporting'; 'Working hours and health in different occupations: Recent studies from Finland, Sweden and Norway'; 'Dealing with day and night on sleep, eating, working, training and learning'; and 'Excerpts from the *Handbook of Fatigue Management in Transportation: Waking up to the challenge*'. The SC plans to continue this practice at least until 2025, when it will reinstate its biennial symposium; after a

long hiatus because of the global COVID-19 pandemic, the latter will be held in November 2025, in Bertioga, Brazil.

- The SC contributed to and co-organised two courses; these were offered at the University of São Paulo School of Public Health, Brazil (São Paulo School of Advanced Science on Ecology of Human Sleep and Biological Rhythms); and at the Federal Institute for Occupational Safety and Health of Germany, Dortmund, Germany (10th Symposium of the German Language Working Time Society [Arbeitszeitgesellschaft]).
- A request from the SC is that the ICOH Vice President for SCs arrange for the provision of various virtual fora for the different ICOH SCs to interact in a strategic planning activity, so as to not continually overstep or step on others' research areas, and rather, be able to leverage off one another toward some common aims.

SC Thermal Factors (SC TF)

- During the current triennium, the SC TF held four SC Business Meetings, participated in six international conferences, and contributed various webinars and one course, viz. 'Workers in the cold – Present and future perspectives from field to clinics', in Tromsø, Norway, in March 2023, organised by NIVA Education (Nordic Institute for Advanced Education in Occupational Health).
- The SC Business Meetings are open to participants who are not members of the SC TF. This encourages more individuals who are interested in thermal factors in occupational health to be involved in these valuable conversations.
- The SC collaborated with the following non-ICOH entities: Arctic Five Network, University of the Arctic, Global Heat Health Information Network (GHHIN), and the University of Oulu, Finland.
- More SC members have been recruited and have actively participated in committee meetings, where discussions were aligned with the aims of SC TF to collaborate on joint publications and consensus reports regarding heat stress on occupational health and productivity. Despite the pandemic, the SC adapted to new norms to continue to collaborate and influence global occupational health related to heat stress.

SC Toxicology of Metals (SC TM)

- The SC was a co-organiser of the 12th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-12), held in Porto, Portugal in June 2023 (organised by the SC Occupational Toxicology).

SC Unemployment, Job Insecurity and Health (SC UJIH)

- Publications and Proceedings:

- Joint Project of the SC UJIH in collaboration with Binawan University, Jakarta, Indonesia https://www.icohweb.org/site/pdf-viewer/viewer.asp?newsletter=icoh_newsletter_vol21_no1.pdf
- Ebuenyi ID, Flocks-Monaghan C, Rai SS, de Vries R, Bhuyan SS, Pearlman J, Jones N. Use of assistive technology for persons with psychosocial disability: Systematic review. *JMIR Rehabilitation and Assistive Technologies*. 2023 Nov 15;10(1):e49750.
- Ebuenyi ID, Gitonga I, Anujuo K, Muia EN. Breaking barriers and building opportunities: Employer perspectives on working with people with psychosocial disabilities in a rural setting in Kenya. *Global Mental Health Research Without Borders Conference*, Bethesda, USA, October 31, 2023
- The SC was active in a roadshow to promote and raise awareness of OSH at worksites of small-scale industries during the triennium, in collaboration with Binawan University:
 - OSH promotion for workers in small-scale industries – at a tofu factory in Bogor, Indonesia (3 July 2023)
 - OSH promotion for workers in small-scale industries – at a brick factory in Cibarusah, Indonesia (11 July 2023)
 - Promoting correct ergonomic positions to reduce work-related illnesses - for workers engaged in frame-making in Bekasi, Indonesia (14 July 2023)
 - Promoting OSH for construction workers, at Jl. Dewi Sartika, Jakarta (19 July 2023)

At each worksite, the SC provided copies of the ICOH guidance booklet 'Creating a safe and healthy workplace: A guide to occupational health and safety for entrepreneurs, owners, and managers', which the SC translated into Bahasa Indonesian, as an SC output in the previous triennium (2018-2022). The booklet is available for download, free of charge, from the ICOH website, in seven languages.

- As an integral component of the 'Protecting Every Child's Potential' Initiatives, undertaken in collaboration with WHO Indonesia, the Ministry of Health (MOH), and UNICEF Indonesia, the SC Chair, Anna Suraya, has spearheaded the pilot project focused on capacity building for Indonesian health professionals. The primary aim of this initiative is to safeguard against lead exposure in children and pregnant women in Indonesia.
- In collaboration with 'Indonesia Ban Asbestos Networking', the SC UJIH supported the Indonesian government in establishing a ban of asbestos use in new buildings by presenting in a workshop organised by the Indonesia Ministry for Public Works and Human Settlements.

SC Vibration and Noise (SC VN)

– No midterm or final triennium reports received by VP

SC Women, Health and Work (SC WHW)

- SC WHW held 12 SC Business Meetings, mostly for the planning of activities, joint events, and deliverables for the current triennium. The SC contributed sessions or presentations at various international conferences.
- The SC has grown its collaboration network during the triennium, and has benefitted from targeted dissemination of OSH information and its research and intervention work via social media. After more than six years of research and international collaboration, the SC has developed a new model of work risk assessment focussed on the gender perspective, and is in the final phase of adjustment and validation, before dissemination.
- Some achievements of the SC WHW, through its collaboration with various entities, are: (i) addressing the prevention of workplace violence and harassment against women, through the promotion of ILO Convention n. 190; (ii) promoting the adaptation of equipment and workstations to the anthropometric and ergonomic characteristics of women; (iii) raising awareness of the impacts on the health of women workers caused by poorly planned teleworking; (iv) raising awareness of the challenges and opportunities implied by the ILO Declaration on OSH as the '5th fundamental right at work' for the health of working women; (v) advocating for the prevention aspects related to specific or more prevalent occupational diseases in women, such as breast cancer, stress or musculoskeletal disorders, including the health of women workers in the health sector, as the main groups at risk of contagion from COVID-19; and (vi) organising and hosting an international webinar titled 'Global Perspective on Women's Occupational Health', on 8 March 2024 (International Women's Day), in collaboration with the Central American and Caribbean Federation of Occupational Health (FECACSO).
- Publications:
 - Bello I. and Henriquez M. (2023). *Mujer y trabajo en la postpandemia*. Special issue on the ALSO Congress of the *Journal of the Chilean Institute of Public Health*. Santiago, Chile.
 - Bello I. (2023) *Powerful Women's Hands: Gender Ergonomics Review*. Special issue SEMAC of the journal *CULCYT*. University of Ciudad Juarez, Mexico.
 - Bello I. and Soto L. (2024) *Women and teleworking*. Special issue of the *Journal of the Japan Research Institute*. Tokyo, Japan.

SC on Work and Vision

– No midterm or final triennium reports received by VP

SC Work Disability Prevention and Integration (SC WDPI)

- The SC WDPI held six SC Business Meetings of its Executive Committee and the inaugural meeting of the SC WDPI Early/Mid Career Research Working Group in December 2022. The newly established Working Group aims to promote research career development, networking, communication, and advice for early and mid-career researchers in the field of WDPI.
- During 2023, the SC trialed online seminars as a method of engaging scholars globally. Four seminars were held with speakers from Australia, the United States and the Netherlands. The seminars were successful in providing opportunities for interaction and engagement of the scientific community in between the less frequent face-to-face scientific meetings; this practice will continue from 2024 onwards. The online seminars are listed below, and available on youtube at (<https://www.youtube.com/channel/UC2aPdQjpcEEAiIgwZ10LkAw>):
 - 11 August 2022 - Michael Di Donato – Health service use after long periods of compensation
 - 27 April 2023 - Alex Collie - What happens to workers with long-duration work disability when workers compensation ends?
 - 17 August 2023 - William Shaw - What do workers with injuries and illnesses want from their employers?
 - 10 October 2023 - Margot Joosen - Aligning work with values: Enhancing mental wellbeing at work and the role of the supervisor

SC Work Organisation and Psychosocial Factors (SC WOPS)

- During the triennium, the SC WOPS supported the initiatives of the WHO and ILO through the participation of some of its members in the Work Group for development of the 'WHO Mental Health at Work Guidelines' and the participation of the SC Chair in a Peer Review Group for a Policy Brief on Mental Health at Work, which was jointly developed with the ILO, to supplement the publication of the WHO Guidelines.
- The SC organised and hosted the Joint Congress of ICOH-WOPS and the Asia Pacific Academy for Psychological Factors at Work (APA-PFAW) 2023: Imagine! Decent work beyond COVID-19, in Tokyo, Japan, in September 2023. Reports and summaries of the Joint Congress were published widely.
- In an ongoing global reach in occupational health, the SC collaborates with eight ICOH SCs and other non-ICOH entities, such as the European Agency for Safety and Health at Work (EU-OSHA); the European Academy of Occupational Health Psychology (EAOHP); the Society for Occupational Health Psychology (SOHP); the Asia Pacific Academy for Psychosocial Factors at Work (APA-PFAW); the Latin American Research Network of Researchers on Psychosocial Factors at Work (RIFAPT); the Ibero-American Network for Work-related Psychosocial Risks (RIPSOL); and the College of Public Health, National Taiwan University (CPH-NTU).

- SC WOPS members published the following two books on psychosocial factors at work:
 - Maria C W Peeters, Jan de Jonge, and Toon Taris (Editors). (2023). An Introduction to Contemporary Work Psychology. Wiley.
 - Johannes Siegrist, and Jian Li (2024). Psychosocial Occupational Health: An Interdisciplinary Textbook. Oxford University Press.

Addendum 2

Conferences of ICOH Scientific Committees

Summary of Conferences of Scientific Committees held during the full triennium (February 2022 – February 2024)

For other events like seminars, workshops, courses, and webinars please refer to the Scientific Committees' Composite Midterm Report (dated April 2023) and the individual Scientific Committee Final Triennial Reports in this document (Addendum 3).

<u>Scientific Committee</u>	<u>Conference</u>	<u>Date</u>	<u>Venue</u>	<u>Role</u>
Allergy and Immunotoxicology	The 95 th Conference of the Japanese Society for Occupational Health (JSOH) 2022 <i>Organised by JSOH and the Study Group on Allergy and Immunotoxicology</i>	27 May 2022	Kochi, Japan	Organisers and presenters
	The 96 th Conference of the Japanese Society for Occupational Health (JSOH) 2023 <i>Organised by JSOH and the Study Group on Allergy and Immunotoxicology</i>	12 May 2023	Tochigi, Japan	Participants and presenters
	The 30 th Annual Meeting of the Japanese Society of Immunotoxicology	11 September 2023	Kawasaki, Japan	Organisers and presenters

	<i>Organised by JSOH and the Study Group on Allergy and Immunotoxicology; co-organised by the Japanese Society of Immunotoxicology</i>			
Cardiology in Occupational Health	<p>17th World Congress on Public Health 2023</p> <p><i>Organised by the World Federation of Public Health Associations (WFPHA), the Association of Schools of Public Health (ASPHER), and the Italian Society of Hygiene, Preventive Medicine and Public Health (SIItI)</i></p>	2 – 6 May 2023	Rome, Italy	Organisers, presenters and co-chairs for the Workshop: 'The integration of Occupational Medicine and Public Health to improve cardiovascular health in the workplace and community'
	<p>29th International Congress on Sound and Vibration (29 ICSV)</p> <p><i>Organised by the International Institute of Acoustics and Vibration (IIAV)</i></p>	9 -13 July 2023	Prague, Czech Republic	Participants
	<p>2nd Polish Conference on Ergonomics in Old Age (II Ogólnopolska Konferencja Ergonomia wieku podeszłego)</p> <p><i>Organised by the Commission on</i></p>	13 – 14 October 2023	Wrocław, Poland	Participants

	<i>Ergonomics of Old Age and the Polish Academy of Sciences</i>			
Education and Training in Occupational Health (ETOH)	<p>South African Society of Occupational Medicine (SASOM) Annual Congress 2023</p> <p><i>Virtual event organised by SASOM – An ICOH Affiliate member</i></p>	<p>A virtual event presented in four sessions over four months: 30 June, 28 July, 23 August, 29 September, 2023</p>	Pretoria, South Africa	<p>The Secretary of SC Education and Training in Occupational Health gave a presentation in the first session (30 June 2023) on ‘The role of primary healthcare (PHC) in occupational health: Primary identification, initial management and referral’</p>
Effectiveness in Occupational Health Services (EOHS)	<p>South African Society of Occupational Medicine (SASOM) Annual Congress 2023</p> <p><i>Virtual event organised by SASOM – An ICOH Affiliate member</i></p>	<p>A virtual event presented in four sessions over four months: 30 June, 28 July, 23 August, 29 September, 2023</p>	Pretoria, South Africa	<p>The Secretary of SC EOHS was an invited international speaker in the first session (30 June 2023) and presented ‘The ‘haves and have-nots’: Lessons from occupational health services in corporates, small- and medium-scale enterprises, and what about the informal sector?’</p>
	<p>Congress of the Modernet Working Group 2023</p> <p><i>Organised by the Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETwork (Modernet) Working Group; co-organised by the following SCs:</i></p>	12 – 13 October 2023	Milan, Italy	Co-organisers and participants

	<i>Rural Health, Radiation and Work, and Effectiveness in Occupational Health Services</i>			
	<p>International Symposium on 'Effective prevention of skin cancer in workers exposed to solar UV radiation'</p> <p><i>Organised by SC Effectiveness in Occupational Health Services; co-organised by SC Occupational and Environmental Dermatoses and SC Radiation and Work</i></p>	6 February 2024	Lisbon, Portugal (Hybrid event)	Co-organisers and presenters
Epidemiology in Occupational Health (EPICOH)	<p>29th International Symposium on Epidemiology in Occupational Health (EPICOH2023) incorporating the 71st Annual Conference of the Indian Association of Occupational Health (IAOH) – Mumbai Branch</p> <p><i>Hybrid mode, organised by SC EPICOH and IAOH – Mumbai Branch; co-organised by the following SCs: Rural Health, Occupational Health and</i></p>	15 – 17 March 2023	Mumbai, India (Hybrid event)	<p>Organisers; Joint symposia were hosted with following ICOH SCs:</p> <ul style="list-style-type: none"> • Rural Health: Agriculture, Pesticides and Organic Dusts • Occupational Health and Development • Mining Occupational Safety and Health • Occupational Health in the Chemical Industry • Musculoskeletal Disorders

	<i>Development, Mining Occupational Safety and Health, Occupational Health in the Chemical Industry, and Musculoskeletal Disorders</i>			
History of Prevention of Occupational and Environmental Diseases	<p>7th International Conference on the History of Occupational and Environmental Health</p> <p><i>Organised by the SC History of Prevention of Occupational and Environmental Diseases, in collaboration with the University of KwaZulu-Natal, South Africa</i></p>	15 – 17 November 2023	Durban, South Africa	Organisers, conference committee members, and presenters
Indoor Air Quality and Health (IAQH)	<p>17th International Conference on Indoor Air Quality and Climate - Indoor Air 2022</p> <p><i>Organised by the Finnish Society of Indoor Air Quality and Climate, and the University of Eastern Finland; co-organised by the International Society of Indoor Air Quality and Climate</i></p>	12 – 16 June 2022	Kuopio, Finland	Organisers, presenters and chairs for the Workshop held on 15 June 2022: 'Integrated evaluation and management of indoor air quality in modern office buildings'
Industrial Hygiene (IH)	IX Congreso Internacional de	16 – 18 June 2023	Panama City, Panama	Participants

	<p>Seguridad, Salud, Ambiente y Emergencias (CISAE) 2023 = <i>(IX International Congress on Safety, Health, Environment and Emergencies)</i></p> <p><i>Organised by the University of Panama</i></p>			
Mining Occupational Safety and Health (MinOSH)	<p>Joint 16th Makere and 28th UNACOH Annual Scientific Health Conference, incorporating the 3rd ICOH SC MinOSH International Conference</p> <p><i>Organised by SC MinOSH, Makere and UNACOH</i></p>	21 – 23 September 2022	Kampala, Uganda	SC MinOSH organised plenary sessions, a workshop on 'Silicosis and ILO Classification), and a virtual session, and contributed keynote speakers and presenters
	<p>7th International Conference on the History of Occupational and Environmental Health</p> <p><i>Organised by the SC History of Prevention of Occupational and Environmental Diseases, in collaboration with the University of KwaZulu-Natal, South Africa</i></p>	15 – 17 November 2023	Durban, South Africa	Participants
	23 rd World Congress on Safety and Health at Work	27 – 30 November 2023	Sydney, Australia	Participants

	<i>Organised by the International Labour Organization (ILO), International Social Security Association (ISSA), and SafeWork Australia – New South Wales</i>			
Musculoskeletal Disorders (MSD)	29 th International Symposium on Epidemiology in Occupational Health (EPICOH2023) incorporating the 71 st Annual Conference of the Indian Association of Occupational Health (IAOH) – Mumbai Branch	15 – 17 March 2023	Mumbai, India (Hybrid event)	Co-organisers and participants <i>Organised by SC EPICOH and IAOH – Mumbai Branch; co-organised by the following SCs: Rural Health, Occupational Health and Development, Mining Occupational Safety and Health, Occupational Health in the Chemical Industry, and Musculoskeletal Disorders</i>
	Joint 11 th International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), 6 th Work Disability Prevention and Integration (WDPI) International Conference, and 11 th Myofascial Pain Syndrome and Fibromyalgia Syndrome	20 – 26 September 2023	Bengaluru, India (Hybrid event)	Organisers, participants and presenters <i>Organised by Recoup Health; the SCs Musculoskeletal Disorders and Work Disability Prevention and Integration; co-organised by the Indian Myopain Society, the Indian Ergonomics School, EPM International Ergonomics School, and the National Association of Software and Service Companies</i>

	(Myopain) International Conference			
	South African Society of Occupational Medicine (SASOM) Annual Congress 2023 <i>Virtual event organised by SASOM – An ICOH Affiliate member</i>	A virtual event presented in four sessions over four months: 30 June, 28 July, 23 August, 29 September, 2023	Pretoria, South Africa	The Chair of SC Musculoskeletal Disorders was an invited international speaker in the fourth session (29 September 2023) and presented 'New digital tools in the assessment and management of work- related musculoskeletal disorders'
Occupational and Environmental Dermatoses (OED)	Multi-Stakeholder Summit on Occupational and Non-occupational Skin Cancer: A Persisting Global Burden, within the European Academy of Dermatology and Venereology (EADV) Conference	12 October 2023	Berlin, Germany	Organisers and participants <i>Organised by the SC Occupational and Environmental Dermatoses; co- organised by EADV, the International League of Dermatological Societies (ILDS) and GlobalSkin</i>
	Hybrid meeting of the EADV Task Force on Occupational Skin Diseases, within the EADV Conference	13 October 2023	Berlin, Germany	Organisers and participants <i>Organised by the SC Occupational and Environmental Dermatoses; co- organised by EADV, (ILDS) and GlobalSkin</i>
Occupational Health and Development	29 th International Symposium on Epidemiology in	14 – 17 March 2023	Mumbai, India	Co-organisers and participants

(OHDev)	Occupational Health (EPICOH 2023), incorporating the 71 st Annual Conference of the Indian Association of Occupational Health (IAOH) – Mumbai Branch		<i>(Hybrid mode)</i>	<i>Organised by SC EPICOH and IAOH – Mumbai Branch; co-organised by the following SCs: Rural Health, Occupational Health and Development, Mining Occupational Safety and Health, Occupational Health in the Chemical Industry, and Musculoskeletal Disorders</i>
Occupational Health for Health Workers (OHHW)	South African Society of Occupational Medicine (SASOM) Annual Congress 2022 <i>Virtual event organised by SASOM – An ICOH Affiliate member</i>	A virtual event presented in four sessions over four months: 29 July, 26 August, 16 September, 29 October, 2022	Pretoria, South Africa	The Chair of SC OHHW was the invited international speaker in the first session (26 August 2022) and presented ‘The global shortage of health workers: The peril to our health systems’
	The 12 th International Conference of the ICOH SC on Occupational Health for Health Workers (OHHW) <i>Organised by the SC Occupational Health for Health Workers and the SC Women, Health and Work.</i>	24 – 27 October 2023	New York City, USA	Organisers, conference committee members, presenters, and participants <i>Co-organisation and support at various levels were received from: Johns Hopkins Education and Research Center for Occupational Safety and Health, New York-New Jersey Education and Research Center; International Organization for Migration (IOM); International Labour</i>

				<i>Organization (ILO); and the International Social Security Association (ISSA)</i>
Occupational Health in the Chemical Industry	29 th International Symposium on Epidemiology in Occupational Health (EPICOH 2023), incorporating the 71 st Annual Conference of the Indian Association of Occupational Health (IAOH) – Mumbai Branch	14 – 17 March 2023	Mumbai, India <i>(Hybrid event)</i>	The SC Occupational Health in the Chemical Industry organised a symposium, chaired by the SC Chair <i>Organised by SC EPICOH and IAOH – Mumbai Branch; co-organised by the following SCs: Rural Health, Occupational Health and Development, Mining Occupational Safety and Health, Occupational Health in the Chemical Industry, and Musculoskeletal Disorders</i>
Occupational Health in the Construction Industry	10 th Professional Development Conference of the American Society of Safety Professionals (ASSP) – India Chapter <i>Organised by ASSP – India Chapter</i>	28 - 29 April 2022	Hyderabad, India <i>(Hybrid event)</i>	<i>Co-organiser with the National Institute of Construction Management and Research (Hyderabad) and the Indian Association for Productivity, Quality and Reliability (IAPQR); the ICOH SC Rural Health was a collaborator</i>
	11 th Professional Development Conference of the American Society of Safety Professionals (ASSP) – India Chapter	28 – 29 April 2023	Chennai, India	<i>Co-organiser with the Department of Applied Science and Technology (DAST) & Centre for Industrial Safety (CIS), AC Tech Campus, Anna University (Chennai)</i>

	<i>Organised by ASSP – India Chapter</i>			
Occupational Medicine (OM)	<p>1st International Conference of the ICOH Scientific Committee on Occupational Medicine</p> <p><i>Organised by the SC Occupational Medicine; co-organised by the Malaysia Society of Occupational Health Doctors (MSOHD)</i></p>	22 – 24 September 2023	Kuala Lumpur, Malaysia	Organisers, conference committee members, participants, and presenters
Occupational Toxicology (OT)	<p>12th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-12)</p> <p><i>Organised by the SC Occupational Toxicology; co-organised by three SCs: Nanomaterial Workers' Health, Rural Health, and Toxicology of Metals</i></p>	21 – 23 June 2023	Porto, Portugal	Organisers, conference committee members, presenters, and participants
Radiation and Work (RW)	<p>2nd Occupational Hygiene Symposium</p> <p><i>Organised by ICASST (Occupational Safety and Health Institute of the Regional Government of Cantabria) and co-</i></p>	19 – 20 May 2022	Santander, Spain	Co-sponsor and collaborator, the SC Radiation and Work was invited to present in Spanish on 'Occupational exposure to solar radiation: An obvious but undervalued risk?'

	<i>organised by AEHI (Spanish Association of Industrial Hygiene)</i>			
	6 th European Congress on Radiation Protection <i>Organised by the European IRPA (International Radiation Protection Association (IRPA) – European Branch, and co-organised by International Atomic Energy Agency (IAEA)</i>	30 May – 3 June 2022	Budapest, Hungary	The SC Radiation and Work participated and contributed a presentation titled 'Occupational exposure to electromagnetic fields and health surveillance of workers'
	International Conference on Occupational Radiation Protection – Strengthening Radiation Protection of Workers – Twenty Years of Progress and the Way Forward <i>Organised by International Atomic Energy Agency (IAEA) and co-organised by the ILO</i>	5 – 9 September 2022	Geneva, Switzerland	The SC Radiation and Work was invited to organise and moderate a roundtable on health and safety management of occupational risks related to ionizing and non-ionizing radiation exposure and other risks.
	International Advisory Committee Meeting on Non- ionizing Radiation, within the 2023 Meeting of the UV	6 – 8 June 2023	Geneva, Switzerland (Hybrid event)	Co-organisers and presenters

	<p>Programme and of the International EMF Project</p> <p><i>Organised by the WHO Radiation Programme; co-organised by the SC Radiation and Work</i></p>			
	<p>Congress of the Modernet Working Group 2023</p> <p><i>Organised by the Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETwork (Modernet) Working Group; co-organised by the following SCs: Rural Health, Radiation and Work, and Effectiveness in Occupational Health Services</i></p>	12 – 13 October 2023	Milan, Italy	Co-organisers and participants
Rural Health: Agriculture, Pesticides, Organic Dusts (SC RH)	<p>10th Professional Development Conference of the American Society of Safety Professionals (ASSP) – India Chapter</p> <p><i>Organised by ASSP – India Chapter, and co-organised by the National Institute of Construction Management and</i></p>	28 - 29 April 2022	Hyderabad, India (Hybrid event)	The SC Rural Health collaborated and contributed a session chair and two presenters

	<i>Research (Hyderabad); ICOH SC OH in the Construction Industry; and the Indian Association for Productivity, Quality and Reliability (IAPQR)</i>			
	South African Society of Occupational Medicine (SASOM) Annual Congress 2022 <i>(Virtual event)</i> <i>Organised by SASOM – An ICOH Affiliate member</i>	A virtual event presented in four sessions over four months: 29 July, 26 August, 16 September, 29 October, 2022	Pretoria, South Africa	The Chair of SC Rural Health was the invited international speaker in the first session (29 July 2022) and presented ‘Pesticide issues and the need for action: A perspective from India’
	Public and Occupational Health in Sustainable Agriculture Conference <i>Organised by ICOH SC Rural Health and the Danish Society of Occupational and Environmental Health</i>	23 August 2022	Odense, Denmark	SC Rural Health members were organisers, conference chair and co-chair, chairs of the organising and scientific committees, and presenters
	ISSA - International Colloquium on Occupational, Safety and Health in Agriculture Development <i>Organised by the International</i>	22 – 23 September 2022	Rome, Italy <i>(Hybrid event)</i>	The Chair of SC Rural Health participated and presented

	<i>Section of the International Social Security Association (ISSA) on Prevention in Agriculture; co-organised by the International Fund for Agricultural Development (IFAD), Rome, and the Agricultural Social Insurance Fund (KRUS), Poland</i>			
	<p>International Biocidal Congress</p> <p><i>Organised by the Biocidal Occupational and Environmental Health Association; and co-organised by Ankara Ufuk University, Çukurova University, Ege University, İstanbul Bilgi University and ICOH SC Rural Health</i></p>	17 – 20 November 2022	Antalya, Turkey	SC Rural Health was a co-organiser and contributed as regulatory council members, scientific committee members, and presenters
	29 th International Symposium on Epidemiology in Occupational Health (EPICOH 2023), incorporating the 71 st Annual Conference of the Indian Association of Occupational Health (IAOH) – Mumbai Branch	14 – 17 March 2023	Mumbai, India (Hybrid event)	<p>Co-organisers, participants, and presenters</p> <p><i>Organised by SC EPICOH and IAOH – Mumbai Branch; co-organised by the following SCs: Rural Health, Occupational Health and Development, Mining Occupational Safety and Health, Occupational Health in</i></p>

				<i>the Chemical Industry, and Musculoskeletal Disorders</i>
	11 th American Society of Safety Professionals (ASSP) India Chapter - Professional Development Conference	28 – 29 April 2023	Chennai, India	Co-organisers and members of the conference scientific committee <i>Organised by ASSP – India Chapter, and the SC Occupational Health in the Construction Industry, the Department of Applied Science and Technology, and the Centre for Industrial Safety, Anna University; co-organised by SC Rural Health</i>
	International Association of Rural Health and Medicine (IARM) 2023 Congress	14 – 16 September 2023	Belgrade, Serbia	Co-organisers and presenters <i>Organised by IARM and the Serbian Academy of Sciences and Arts-Board for Rural Issues; co-organised by SC Committee on Health, University of Belgrade - Faculty of Medicine, and the Serbian Institute of Occupational Health</i>
	Congress of the Modernet Working Group 2023 <i>Organised by the Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETwork (Modernet)</i>	12 – 13 October 2023	Milan, Italy	Co-organisers and participants

	<i>Working Group; co-organised by the following SCs: Rural Health, Radiation and Work, and Effectiveness in Occupational Health Services</i>			
	<p>23rd World Congress on Safety and Health at Work</p> <p><i>Organised by the International Labour Organization (ILO), International Social Security Association (ISSA), and SafeWork Australia – New South Wales</i></p>	27 – 30 November 2023	Sydney, Australia	Participants; the SC Rural Health Chair was a Fellow of the Congress and invited to present in the ISSA session and represent the SC.
Shiftwork and Working Time	<p>Working Hours in the Nordic Countries (WINC) Symposium</p> <p><i>Organised by the University of Bergen, Norway; co-organised by the WINC Steering Committee (including the Working Time Society and SC Shiftwork and Working Time)</i></p>	28 April 2023	Bergen, Norway	Co-organisers and participants
	8 th Annual Meeting of the Japan Working Time Society – ‘Overwork and Mortality’	5 September 2023	<i>Virtual event</i>	Organisers and participants

	<i>Organised by the Japan Institute of Occupational Safety and Health and the Working Time Society and SC Shiftwork and Working Time; co-organised by the Japan Institute for Labour Policy and Training</i>			
	<p>11th Symposium of the German Working Time Society – ‘Compressed working hours and workload’</p> <p><i>Organised by the German Working Time Society, the Working Time Society, and ICOH SC Shiftwork and Working Time</i></p>	22 September 2023	Vienna, Austria	Organisers and participants
Thermal Factors (TF)	<p>19th International Conference on Environmental Ergonomics (ICEE)</p> <p><i>Organised by ICEE</i></p>	6 – 10 September 2022	Niagara Falls, Canada	The Secretary of SC Thermal Factors presented ‘Heat load of firefighter protective garments in forest fires’
	<p>Human on Heat Health Symposium: Latest science and practices for heat related injury prevention and care</p> <p><i>Organised by the ASEAN Center of</i></p>	15 – 16 September 2022	Bangkok, Thailand	Participants

	<i>Military Medicine (ACMM)</i>			
	Arctic Frontiers 2023: Moving North <i>Organised by Arctic Frontiers</i>	30 January – 2 February 2023	Tromsø, Norway	The Secretary of SC Thermal Factors participated in session planning and as a presenter for Session 1: Occupational Health and Safety in the Arctic
	23 rd International Congress of Biometeorology (ICB 2023) <i>Organised by the International Society of Biometeorology</i>	14 – 17 May 2023	Tempe, Arizona, USA	Participants; the Chair of SC Thermal Factors gave a keynote presentation titled 'Heat Resilience – a whole of society challenge and approach'
	South African Society of Occupational Medicine (SASOM) Annual Congress 2023 <i>Virtual event organised by SASOM – An ICOH Affiliate member</i>	A virtual event presented in four sessions over four months: 30 June, 28 July, 23 August, 29 September, 2023	Pretoria, South Africa	The Chair of SC Thermal Factors was an invited international speaker in the first session (30 June 2023) and presented 'Workers in a warming world: More than just heat injuries and productivity losses'
	11 th International Conference on Urban Climate (ICUC11) <i>Organised by the International Association for Urban Climate and the American</i>	28 August – 1 September 2023	Sydney, Australia	Participants

	<i>Meteorological Society</i>			
	2 nd Symposium on Heat on Human Health 2023	15 – 16 November 2023	Bangkok, Thailand	Participants and presenters
Toxicology of Metals (TM)	<p>South African Society of Occupational Medicine (SASOM) Annual Congress 2023</p> <p><i>Virtual event organised by SASOM – An ICOH Affiliate member</i></p>	<p>A virtual event presented in four sessions over four months:</p> <p>30 June, 28 July, 23 August, 29 September, 2023</p>	Pretoria, South Africa	<p>The Secretary of SC Toxicology of Metals was an invited international speaker in the third session (23 August 2023) and presented ‘Fast facts on nanotechnology: Implications for occupational health and safety’</p>
Unemployment, Job Insecurity and Health (UJIH)	<p>World Conference on Health and Social Science in Indonesia in conjunction with the First Conference of the ICOH SC on Unemployment, Job Insecurity and Health (SC UJIH)</p> <p><i>Hybrid event, organised by Binawan University and co-organised by SC UJIH</i></p>	28 – 29 October 2022	Binawan University, Jakarta, Indonesia <i>(and virtual meeting via Zoom)</i>	SC UJIH was a co-organiser and contributed presenters
Women, Health, and Work (WHW)	Central America and Caribbean Conference in Occupational Health, 2022	15 September 2022	Zacatecas, Mexico	The SC Women, Health, and Work organised and presented the seminar ‘Women, Health, and Work’

	<p><i>Organised by ICOH SC Women, Health and Work and FENASTAC, Mexico; and co-organised by Central American and Caribbean Association on Occupational Health (FECACSO) and National Labor Secretary – Mexico (institutional support)</i></p>			
	<p>The 5th Fundamental Right at Work and Women's Health – Dominican Republic Conference in Occupational Health</p> <p><i>Organised by ICOH SC Women, Health and Work in partnership with IDDOPRIL; co-organised by National Labor Superintendence and Ministry of Labour of the Dominican Republic (government sponsor) and ILO LabAdmin-OSH (collaboration on content)</i></p>	28 September 2022	Santo Domingo, Dominican Republic	The SC Women, Health, and Work organised and presented a seminar, in collaboration with ILO LabAdmin-OSH (developing countries)
	The 12 th International Conference of the	24 – 27 October 2023	New York City, USA	Organisers, conference committee members,

	<p>ICOH SC on Occupational Health for Health Workers (OHHW)</p> <p><i>Organised by the ICOH SC Occupational Health for Health Workers in collaboration with the ICOH SC Women, Health and Work</i></p>			<p>presenters, and participants</p> <p><i>Co-organisation and support at various levels were received from: Johns Hopkins Education and Research Center for Occupational Safety and Health, New York-New Jersey Education and Research Center; International Organization for Migration (IOM); International Labour Organization (ILO); and the International Social Security Association (ISSA)</i></p>
	<p>Congress of the Latin American Association of Occupational Health (ALSO)</p> <p><i>Organised and co-organised by: ALSO; the Chilean Society on Occupational Medicine (SOCHMET); the Chilean Institute of Public Health; with special participation from the International Labour Organization (ILO) and the Pan-American Health Organization (PAHO)</i></p>	Santiago, Chile	16 November 2023	<p>Seminar organisers, participants and presenters</p> <p>The SC Women, Health and Work contributed a seminar on 'Women, health and work in Latin America'</p>

	<p>Mexican Congress on Ergonomics 2023</p> <p><i>Organised and co-organised by: the Mexican Society of Ergonomists (SEMAC); the Autonomous University of Juarez City (UACJ); the Latin American Union of Ergonomics (ULAERGO); and the Mexican Federation on Workers Health (FENASTAC)</i></p>	Juarez, Mexico	5 September 2023	<p>Workshop organisers, participants and presenters</p> <p>The SC Women, Health and Work contributed a workshop on 'Powerful woman's hands: Gender ergonomics'</p>
	<p>Joint Congress of ICOH Scientific Committee on Work Organisation and Psychosocial Factors (ICOH-WOPS), and the Asia Pacific Academy for Psychological Factors at Work (APA-PFAW) 2023: Imagine! Decent work beyond COVID-19</p> <p><i>Organised by the SC WOPS and co-organised by APA-PFAW)</i></p>	19 – 22 September 2023	Tokyo, Japan	<p>Seminar organisers, participants, and presenters</p> <p>In a first collaboration with the SC WOPS, the SC Women, Health and Work contributed a seminar on 'Psychosocial risk and gender perspective'</p>
	<p>Violence at work: It's time to concretely deal with this issue - International Conference on the</p>	14 – 15 December 2023	Pisa, Italy	<p>The Chair of SC Women, Health and Work was a member of the scientific committee and delivered two presentations:</p>

	<p>ILO Convention n. 190</p> <p><i>Organised and co-organised / supported by the International Labour Organization (ILO); the University of Pisa; the Department of Translational Research and New Technologies in Medicine and Surgery; ICOH; the ICOH SC Women, Health and Work; the Higher Institute of Health (ISS); the National Federation of the Orders of Surgeons and Dentists (FNOMCEO); the Italian Society of Occupational Medicine (SIML); and the Tuscany Region</i></p>			<p>'ILO Convention n. 190 in Central and Latin America', and 'ILO guidelines for managing violence in health facilities'</p>
Work Disability Prevention and Integration (WDPI)	<p>Joint 11th International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders (PREMUS), 6th Work Disability Prevention and Integration (WDPI) International Conference, and 11th Myofascial Pain Syndrome</p>	20 – 26 September 2023	Bengaluru, India (Hybrid event)	<p>Organisers, participants and presenters</p> <p><i>Organised by Recoup Health; the ICOH SCs on Musculoskeletal Disorders and Work Disability Prevention and Integration; co-organised by the Indian Myopain Society, the Indian Ergonomics School, EPM International Ergonomics School, and the National</i></p>

	and Fibromyalgia Syndrome (Myopain) International Conference			<i>Association of Software and Service Companies</i>
Work Organisation and Psychosocial Factors (WOPS)	<p>Joint Congress of ICOH Scientific Committee on Work Organisation and Psychosocial Factors (ICOH-WOPS), and the Asia Pacific Academy for Psychological Factors at Work (APA-PFAW) 2023: Imagine! Decent work beyond COVID-19</p> <p><i>Organised by the SC WOPS and co-organised by APA-PFAW)</i></p>	19 – 22 September 2023	Tokyo, Japan	Organisers, presenters, and participants

In living colour...





ICOH SC Activities (2022 – 2024)

Photographic contributions courtesy of SCs on Rural Health; Unemployment, Job Insecurity and Health; and Women, and Health and Work

Addendum 3

Final Triennium Reports submitted by individual Scientific Committees for the reporting period March 2023 – January 2024

Note from the VP - The SC Final Reports have been compiled into Addendum 3 as received (no editing or corrections made); the date on the individual reports is the date of receipt of the document by ICOH.



ICOH 2022-2024 TRIENNIUM SCIENTIFIC COMMITTEE FINAL REPORT Covering the period March 1, 2023 – January 1, 2024

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

**The SC Final Report covers the period March 2023 – January 2024.
Please submit it no later than January 1, 2024 to:**

Vice President: Claudina Nogueira claudinanogueira@hotmail.com
cmcanogueira@gmail.com
Secretariat General icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

Date: 21 December 2023
Submitted by SC: Accident Prevention
Name of Chair: Dr Karen Michell
Year of Appointment: 2022
Email address: karen.michell@iosh.com
Name of Secretary: Mr Jayandran Mohan

Year of Appointment: 2022
Email address: jayandranhse@gmail.com

SC Website URL (if available): Website is <https://www.icohweb.org/site/scientific-committee-detail.asp?sc=1>

Other SC Means of Communication:

- whatsapp group for the working committee
- email communication
- LinkedIn group for all SCAP members and other interested parties (<https://www.linkedin.com/groups/12621416/>)

Focus and aim of the SC:

Accidents by definition are unplanned and unexpected events which cause harm through injury, ill health, disability and death; losses through property damage and production losses; negative impacts on the environment or any combination of these. Accident prevention refers to the plans and actions taken to avoid or to stop these events and requires a multi-disciplinary approach where various strategies are implemented to protect lives, lessen the severity of injury or disability, reduce losses, and improve morale, the basis of which is effective risk management. As SCAP members we believe that proactive risk management is the key to all preventive strategies, and we will expand our programme with this concept in mind. The focus for the past two years has been the investigation of adverse health outcomes as a means of identifying adverse health outcomes, investigating these and implementing corrective action to prevent a recurrence.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: Virtual event

Date: 28 June 2023

Number of attendees: 3

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): A report was not compiled as there were only three people on the call. It was determined that in future the Business meeting must be linked to an event to encourage participation. A copy of the agenda is attached as Annex 1.

Conferences, Seminars, Workshops, Courses, etc.:

(1) Name of the event:	Investigating work related adverse health events: everything you wanted to know but were afraid to ask.				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					Webinar
Date:	21 June 2023				
Venue:	Virtual event				
Organizers:	Dr Karen Michell assisted by IOSH Events Team				
Co-organizers and Collaborators: Please identify and describe roles	<p>Dr Odette Volmink- OMP, NIOH, Johannesburg, South Africa Alex Wilson – Occupational hygienist, United Kingdom Dr Rajiv Jain – Epidemiologist, India</p> <p>Each of the participants discussed the idea and provided suggestions on how the event could be hosted. They devised questions and then served as panellists for the event.</p>				
Number of participants:	714 Delegates from 46 countries preregistered for the event with 333 (47%) joining on the day. Two thirds (476) of preregistered delegates were from low- and middle- income countries and a third (236) were ICOH members.				
Publication or provision of CD/DVD proceedings:	A report was submitted to the ICOH newsletter and a copy of the recording has been made available on the IOSH Youtube platform.				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	<p>The event is considered a success. There were numerous questions raised by the audience which the panellists addressed. This was also a follow up to a previous webinar. The interest in the webinar has resulted in the following research call for proposals from IOSH.</p>				

(2) Name of the event:	29th International Symposium on Epidemiology in Occupational Health (EPICOH)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x				
Date:	15 -17 March 2023				
Venue:	Tata Memorial Centre, Mumbai, India				

Organizers:	Jayandran Mohan participated on behalf of ICOH SCAP
Co-organizers and Collaborators: Please identify and describe roles	Individual participation to represent SCAP
Number of participants:	Not known
Publication or provision of CD/DVD proceedings:	No
Book of abstracts:	N/A
Book of selected proceedings:	N/A
Special issue of peer reviewed journals:	BMJ Journal Occupational & Environmental Medicine Volume 80, Issue Suppl 1 https://oem.bmj.com/content/80/Suppl_1/A100.2
Assessment of success / impact:	An e-poster <i>Gap Analysis on Occupational Cancer Controls in the Oil & Gas Industry</i> has been presented.

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

Nil to report

Collaborative activities with other ICOH SCs:

Nil to report

Participation and support to WHO – ILO meetings and/or publications:

Dr Karen Michell attended the WHO workshop: “Caring for those who care: Policy instruments for safeguarding the health, safety, and wellbeing of health workers” 20 Nov 2023 and the Global Forum Towards healthier, safer and more resilient workplaces from 22 – 24 Nov 2023, WHO Head Quarters, Geneva, Switzerland.

Collaboration with non-ICOH organizations:

A number of collaborative activities have been shared with SCAP and ICOH members. These have included the following:

The launch of the BSI Menstruation, menstrual health and menopause in the workplace – Guide. The guide was presented to audiences via a webinar hosted by IOSH and made available to all ICOH members. Dr Michell served as a member of the technical committee for this guide.

MENTUPP World Mental health Day 2023 [webinar](#)

Any other points of relevance:

Dr Michell has participated as a subject expert in the MENTUPP Consortium research. The aim of MENTUPP-Hub is to improve mental health in the workplace by developing and validating real-world interventions in Small and Medium Enterprises (SMEs), construction and healthcare sectors, and to reduce self-harm and suicide.

1. To optimise evidence informed intervention and prevention programmes and tools for mild to severe depression and co-morbidities, tailored to occupational settings with increased risk of suicide and non-fatal suicidal behaviour i.e. SMEs, the construction and health sector.
2. To optimise and modify existing workplace stress intervention and prevention programmes, and tools, tailoring these to the needs of employees and employers in SMEs, the construction sector and health sector.
3. To optimise existing mental health promotion resources and develop new resources to address stigma relating to mental health in general, depression, co-morbid anxiety, and suicidal behaviour, in SMEs, the construction sector and health sector.
4. To examine the impact of implementing the MENTUPP-Hub intervention programme for mild to severe mental disorders in the workplace in terms of reducing suicidal behaviour, using mixed-methods research.

The EU funded project has concluded (31 Dec 2023) and the results will be published early 2024. A virtual conference was hosted in Dec 2023 where the preliminary findings and recommendations were shared. ICOH members were invited to attend this conference through Dr Michell's involvement.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

1. Special Session - A proactive approach to accident prevention through risk management

There are three speakers for the session.

Dr Matilde Rodrigues - Risk prevention practices in SMEs and their impact on Occupational Safety & Health performance

Mr Jayandran Mohan - Risk management in the chemical sector

Dr Krishna Nirmalay Sen - Risk management at Major Construction Projects - Proactive initiatives supported by digital technologies

2. Business meeting – This will be chaired by Dr Karen Michell and Mr Jayandran Mohan will be present as the SCAP secretary. The agenda is being developed and members

encouraged to register for the conference and attend the meeting. Details not available at this stage.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

We are in discussions with non ICOH stakeholders to host an event in the 2024-2027 triennium. A business meeting will be linked to the event to facilitate participation.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

We are planning a collaborative event in the 2024-2027 triennium.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

Nil to report at this stage.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

Nil to report at this date.

Any other points of relevance:

N/A

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work *during* the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The hosted webinars in 2022 and 2023 have impacted the IOSH research call. They have acknowledged that the investigation of work-related adverse health outcomes need better investigation at the workplace. This is one of their three research calls for 2023/2024. It is anticipated that the research will lead to the development of guidelines and/or recommendations for OH and OSH professionals to better investigate adverse health event sin the workplace with the same focus applied to safety related events.

Investigations into work-related adverse health outcomes

With 12 billion working days lost globally every year to common mental health disorders, and work-related health problems causing an economic loss of 4-6% GDP for most countries, IOSH believes that this area is still under-investigated. Various reasons have been cited for this lack of investigation, including lack of knowledge on how to investigate them, lack of training and understanding on the health effects of workplace exposures and the latency of disease. IOSH is seeking proposals from experienced researchers into the barriers and facilitators of such investigations. It is also looking to develop a framework, model or guidance for use by multidisciplinary professionals.

The involvement of SCAP members in on going activities remains a challenge and one which we are hoping to address with our first fact to face meeting in Morocco in 2024.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Title	First Name	Last Name	Country
Dr.	Ioannis	ADAMOPOULOS	Greece
Dr.	Marianna	AGABA	Uganda
Dr.	Ahmed Ibrahim	ALJAHDALI	Saudi Arabia
Dr.	Carita Agneta	ASCHAN	Finland
Mr.	Jorge Luis	BARRETO SANCHEZ	Peru
Mr.	Tanka Prasad Kopano	BHATTARAI	Nepal
Mrs	Gabogaisane	BOGOPA	Botswana
Dr.	Maria Claudia	BORDA GALLON	Colombia
Mr.	Elwin Tinashe	CHINAMANO	Zimbabwe
Dr.	Apurba Krishna	CHOWDHURY	India
Dr.	Amruta	DESAI	India
Ms	Nguyen Bich	DIEP	Vietnam
Prof.	Aida Lucia	FAJARDO MONTIEL	Mexico
Dr.	Mame Diarra	FAYE	Senegal
Mr.	Jorge Mario	GALLEGO PEREZ	Colombia
Ms	Debbie Michelle	GASKIN	Australia
Dr.	David	GOLD	Switzerland
Dr.	Ashish Vijay	JAIN	India
Mr.	Victor Luis	JARA	Peru
Dr.	Sunil Kumar	JOSHI	Nepal
Ms	Sylvia W.S.	KIDZIAK AM	Australia
Mrs	Tone	LYSE	Norway
Dr.	Nsubuga Fred	MANGASI	Uganda
Mr.	Jawed Ahmed	MANGI	Oman
Mr.	Stanley Mwangi	MBATHA	Kenya
Dr.	Karen Elizabeth	MICHELL	UK
Mr.	Jayandran	MOHAN	India
Dr.	Aquiles	MONROY	Peru
Mr.	Lovemore	MPOFU	Zimbabwe
Mr.	Hassan Hussein	MRISHO	Tanzania
Dr.	Khalid	NESSATI	Morocco

Mr.	Robin	NICHOLAS	USA
Mr.	Jean Damascene	NTIVUNWA	Kenya
Mr.	Izegaegbe	OZOYA	Nigeria
Dr.	Marta	PETYX	Italy
Dr.	Addler	QUEZADA PALACIOS	Peru
Dr.	Mireya	RIFÁ FABREGAT	Spain
Dr.	Yogindra Subhash	SAMANT	Norway
Mr.	Florentino Zosimo	SANCHEZ AGUILAR	Peru
Mr.	Luvín Luke	SCARLETT	Jamaica
Mr.	Krishna Nirmalya	SEN	India
Mr.	Olgac	TASYUREK	Turkey
Mr.	Stephen	THOMAS	Australia
Mrs	Styliani	TZIAFERI	Greece
Dr.	Maria Alejandra	URDAY PAREJA	Peru
Dr.	Gloria Helena	VILLALOBOS	Colombia
Dr.	Su	WANG	UK
Dr.	Rao Muhammad	YOUNIS	Pakistan

Members who left the SC since the submission of the SC Midterm Report:

Name: **Email address:**
Not aware of any members who have left.

Annex 1 - Business meeting agenda 2023 06 21
ICOH ACCIDENT PREVENTION SCIENTIFIC COMMITTEE
BUSINESS MEETING – 21 JUNE 2023
VIRTUAL MEETING
21 June 2023
13h30 to 14H30 (BST)
Your meeting link

AGENDA

- | | |
|---|----|
| 1. Welcome and guidance on virtual meeting format | KM |
| 2. Attendance register | JM |
| 3. Chairpersons report from Midterm meeting in Angers, France | KM |
| 4. General Matters – ICOH2024 Conference | |
| 4.1. Special sessions | |
| 4.2. Free paper sessions | |
| 4.3. Registration, accommodation, sponsorships | |
| 5. New Matters | |
| 5.1. Comments on management guidelines | |
| 5.2. Proposed name change for SCAP | |
| 6. Thanks and closing | |



ICOH 2022-2024 TRIENNIVM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennivm. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennivm Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

Date: February 2, 2024
Submitted by SC: Ageing and Work

Name of Chair: Professor Jodi Oakman
Year of Appointment: 2018
Email address: j.oakman@latrobe.edu.au

Name of Secretary: Professor Karin Proper
Year of Appointment: 2018
Email address: Karin.proper@rivm.nl

SC Website URL (if available): NA

Other SC Means of Communication:

Focus and aim of the SC:

The primary aim of the SC is to bring together members who are interested in or currently working in the area of ageing and work. The aim is to have a global network of people working in the area of ageing so that we can draw on this community to improve our knowledge and understanding of the implications of an ageing workforce.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report1) **Business meeting:** None**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	Webinar Older workers and informal caregiving				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					X
Date:	November 13 th				
Venue:	Online				
Organizers:	Karin Proper, Jodi Oakman				
Co-organizers and Collaborators: Please identify and describe roles	<p>Presenters and topics:</p> <ol style="list-style-type: none"> 1. Eldercare Demands and Health and Well-being of Working Informal Caregivers of Older People: The Role of Unhealthy Cognitive Emotion Regulation and Workplace Resources Presentation by <u>Winnie Wing Yee Lam</u>, Leeds University Business School/Sheffield University Management School, United Kingdom 2. Caregiver burden and the work functioning of older paid workers Presentation by <u>Edwin Boezeman</u>, Amsterdam UMC - University of Amsterdam, Department of Public & Occupational Health & Institute of Psychology - Leiden University, Section of Social, Economic and Organisational Psychology, The Netherlands. 3. An evaluation of a workplace Participatory Approach to support caregiving employees in balancing work, private life and informal care Presentation by <u>Eline Vos</u>, National Institute for Public Health and the Environment, Center for Prevention, Lifestyle and Health, The Netherlands. 				
Number of participants:	Approx. 30				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					

Assessment of success / impact:	
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Professor Jodi Oakman has been part of a collaborative group working on the future of work

See

Schulte, P.A.; Iavicoli, I.; Fontana, L.; Leka, S.; Dollard, M.F.; Salmen-Navarro, A.; Salles, F.J.; Olympio, K.P.K.; Lucchini, R.; Fingerhut, M.; et al. Occupational Safety and Health Staging Framework for Decent Work. *Int. J. Environ. Res. Public Health* **2022**, *19*, 10842. <https://doi.org/10.3390/ijerph191710842>

Which has led to a further piece of work currently under development due to be submitted for publication in the first quarter of 2024

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

NA

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Special session on Working from home and older workers

Speakers and presentations:

- Bette Loef / Working from home and physical activity and sedentary behavior among older workers
- Esmee Bosma / The effect of working from home on social isolation during the COVID-19 pandemic: differences between ages
- Jodi Oakman / The effect of preference and actual days spent working from home on stress and musculoskeletal pain in older workers.
- Karen Oude Hengel / Navigating the return to the office: an ecological momentary assessment of stress and connectedness in older employees

Special session on Health and Retirement

Session chair: Subas Neupane

Special session speakers (in order of presentation)

#1 Speaker: Hans Martin Hasselhorn, (title: Working longer in Germany: Motivation to work more relevant than health?)

#2 Speaker: Prakash K.C., (Title: Change in self-rated health during the transition to retirement: A multi-cohort assessment)

#3 Speaker: Subas Neupane, (Psychosocial work exposure and intention to retire)

#4 Speaker Hans Martin Hasselhorn, (The differentiated role of health in the transition from work to retirement)

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

We will have a business meeting at the ICOH conference but do not have this booked at this stage.

We are currently planning future seminars but do not have details at this point in time.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Email address:

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT**
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The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

Date: 29 February, 2024

Submitted by SC: Allergy and Immunotoxicology

Name of Chair: Claudia Petrarca

Year of Appointment: 2022

Email address: claudia.petrarca@unich.it

Name of Secretary: Hiroo Wada

Year of Appointment: 2022

Email address: h-wada@juntendo.ac.jp

SC Website URL (if available): <https://www.icohweb.org/site/scientific-committee-detail.asp?sc=3>

Other SC Means of Communication:

Focus and aim of the SC: The Allergy and Immunotoxicity Scientific Committee (AISC) focuses on investigating and discussing the pathophysiological mechanisms regarding the allergic and immunotoxicological effects of environmental as well as occupational substances.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report1) **Business meeting:** None**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	The 95th conference of Japanese Society for Occupational Health (JSOH) 2022				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				
Date:	27 May 2022				
Venue:	Kochi Hankyu Hotel, Kochi, Japan				
Organizers:	Professor Takashi Yoshida, The Study Group of Allergy and Immunotoxicology, JSOH Professor Hiroo Wada, The Study Group of Allergy and Immunotoxicology, JSOH				
Co-organizers and Collaborators: Please identify and describe roles	JSOH, invitation of overseas researchers				
Number of participants:	100				
Publication or provision of CD/DVD proceedings:	N.A.				
Book of abstracts:	N.A.				
Book of selected proceedings:	N.A.				
Special issue of peer reviewed journals:	N.A.				
Assessment of success / impact:	Even during the COVID-19 pandemic, and Professor Petrarca, our chair, came down to visit Japan to join the joint session. This session was the only session that could invited overseas researchers and therefore, was popular and attracted attention.				

(2) Name of the event:	The 30th Annual Meeting, Japanese Society of Immunotoxicology.				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				

Date:	11 September 2023
Venue:	Life Science & Environment Research Center, Kawasaki, Japan https://kawasaki-lise.jp/access.php
Organizers:	The Study Group of Allergy and Immunotoxicology, JSOH
Co-organizers and Collaborators: Please identify and describe roles	Japanese Society of Immunotoxicology
Number of participants:	100
Publication or provision of CD/DVD proceedings:	N.A.
Book of abstracts:	N.A.
Book of selected proceedings:	N.A.
Special issue of peer reviewed journals:	N.A.
Assessment of success / impact:	Professor Takashi Yoshida, the former chair of the AITSC group in Japan, gave a talk, entitled "The Dawn for the Immunotoxicology", since The Study Group of Allergy and Immunotoxicology, JSOH has been a key player of Japanese Society of Immunotoxicology. This surely enhanced the visibility of our activities.

(3) Name of the event:	The 96th Annual Congress for JSOH				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				
Date:	12 May 2023				
Venue:	LIGHT CUBE UTSUNOMIYA, Tochigi, Japan				
Organizers:	The Study Group of Allergy and Immunotoxicology, JSOH				
Co-organizers and Collaborators: Please identify and describe roles	Professor Takeshi Hisada, Gunma University, and Japanese Society of Occupational and Environmental Allergology, gave a talk.				
Number of participants:	30				
Publication or provision of CD/DVD proceedings:	N.A.				
Book of abstracts:	N.A.				
Book of selected proceedings:	N.A.				
Special issue of peer reviewed journals:	N.A.				

Assessment of success / impact:	After the session, the members of the Japanese group have been launched a project to strengthen the tie to several neighboring groups of the academic area of allergy, immunology and toxicology related to occupational health, including Japanese Society for Allergology, Japanese Society of Occupational and Environmental Allergology, Japanese Society of Immunotoxicology, Asia Pacific Society for Respirology and Japan Society for Biomedical Research on Trace Elements (BRTE).
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Research Group for Allergy and Immunotoxicology, Japan Society for Occupational Health (JSOH); Dobashi K, Yoshida T, Morimoto Y, Ueda A, Itoh T, Wada H, Kayama F, Satoh K, Satoh M, Shibata E, Suganuma N, Takeshita T, Tsunoda M, Nishimura Y, Yanagisawa H, Li Q. Allergy and immunotoxicology in preventive and clinical medicine from theory to practice: Occupational allergy and isocyanate-induced asthma. Sangyo Eiseigaku Zasshi, an official journal of Japanese Society for Occupational Health. 2023 Jan 25;65(1):1-8.[Japanese]

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

N.A.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

N.A.

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

The Japanese members of AITSC, ICOH, has been launched a project to strengthen the tie to several neighboring groups of the academic area of allergy, immunology and toxicology related to occupational health.

Japanese Society for Allergology

Japanese Society of Occupational and Environmental Allergology

Japanese Society of Immunotoxicology

Asia Pacific Society for Respiriology

Japan Society for Biomedical Research on Trace Elements (BRTE).

We are going to talk about the increase in the researchers and practitioners in those field.

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

In the session by the Allergy and Immunotoxicology SC, eight researchers will make an oral presentation, while 11 poster presentation. Those speakers have diverse ethnicities, coming from multiple nations. Those submitted papers were reviewed by Professor Petrarca, our chair, Professor Wada, secretary, as well as many members. In special, from Italian group, Professor Francesca Larese Filon, Full Professor in Occupational Medicine at University of Trieste, Director of the Occupational Medicine Complex Unit and Director of the Services for Safety, Prevention and Health Surveillance of the Friuli Venezia Giulia Region in Italy, participated to the review of the abstracts submitted for the ICOH2022 and ICOH2024. From Japanese group, Professor Yasumitsu Nishimura and Professor Masashi Tsunoda as well as Professor Takashi Yoshida and Professor Yasuo Morimoto joined the reviewing process.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

The COVID-10 pandemic still persists, as the 10th wave, for example, is currently hitting Japan, and those belonging to medical schools may need to stay away from overseas activities. Therefore, we are going to start talking the future plan.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

AITSC is planning a combined symposium in the 35th Annual Congress by Japan Society for Biomedical Research on Trace Elements (BRTE), chaired by Professor Tsunoda, who will be also a chair for AITRG, JSOH from this autumn. In addition, we are also planning to organize sessions for Japanese AITSC group in The 97th Annual Meeting for JSOH, as well as in The 34th Annual Committees, JSOH.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

We are planning a collaboration with groups and societies in the field of allergy, of toxicology and of immunology, who are interested in occupational health. In addition, we are going to involve more young researchers.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Jointly, we have carried out a research study on more than a hundred past-asbestos workers. Forthcoming young MDs in Occupational Medicine have been actively involved in the research workflow as method to make them aware and inspire them to research, one of the main goals of ICOH. The results of this study we will publish soon, with Professor Di Giampaolo and Professor Wada as co-authors.

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

There have been multiple major military conflicts, as well as the COVID-19 pandemic since 2020, which are impeding our travel. We understand that our society is that of vulnerability, uncertainty, complexity, and ambiguity (VUCA society) and our activities have been made rather separately.

During we stayed more at home, we have found not only various health inequity even in our developed countries, but also a paucity of researchers and practitioners in those related academic fields of allergy, immunology and toxicology in occupational setting. We are going to unite several academic societies, to strengthen our ties between diverse academic fields.

Furthermore, our approach towards better occupational health will be improved as has been expected in the coming several years. Our SC will be able to re-start the collaboration again in this coming triennium.

In conclusion, although our activities are impeded, we are promoting step by step even during COVID-19 pandemics.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Email address:

Country	Name
Italy (Chair)	Claudia Petrarca
Japan (Secretary)	Hiroo Wada
Japan	Yasumitsu Nishimura
Japan	Kunio Dobashi
Italy	Luca Di Giampaolo
Italy	Francesca Larese Filon
Japan	Takahiko Yoshida
Japan	Toshihiro Itoh
Japan	Yasuo Morimoto
Japan	Narifumi Suganuma
Japan	Qing Li
Japan	Atsuhiko Ueda

Japan	Tatsuya Takeshita
Japan	Hiroyuki Yanagisawa
Japan	Masashi Tsunoda

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE REPORT**
Covering the period March 2023 – February 2024

This SC Triennial Report covers the second half of the triennium over the period March 2023 - February 2024 and plans to April 2024.

Submitted to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

Date: 14 February 2024

Submitted by SC: **Biohazards and Occupational Health**

Name of Chair: Mary Ross

Year of Appointment: September 2022

Email address: profmaryross@yahoo.com

Name of Secretary: Tanusha Singh

Year of Appointment: September 2022

Email address: tanushas@nioh.ac.za

SC Website URL (if available): NA

Other SC Means of Communication: regular updates by electronic mail with members

Focus and aim of the SC:

SCBOH, which was formed from the Working Group on Occupational Infectious Agents (WGOIA) during this triennium, covers additional issues (e.g. toxins, sensitizers/allergens, bio-pesticides and bio-stimulants) impacting on occupational health. The scope includes the interaction between workplace and the public environment since emerging infectious diseases such as COVID-19 are work-related.

Aim is to identify priority issues to establish relevant guidance for occupational health professionals to adapt for their workplaces, and to form a network of experts, from whom advice could be sought by ICOH National Secretaries and health authorities to promote the prevention and management of occupational diseases associated with biohazards.

Goals are to:

- Provide updated evidence-based information to ICOH on the results of research, prevention and interventions related to priority work-related and public health-related biohazards and Occupational Health for all workers,
- Raise awareness in local, national and international contexts of biohazards affecting occupational health among policy-makers, employers and workers,

- Collaborate with ICOH Scientific Committees on topics and groups of workers of mutual interest in promoting occupational health.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 - March 2024

1) **Business meeting:** NA. Small number of members so issues are discussed by e mail
Number of attendees: 16 members circulated information and input

No report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(1) Name of the event:	<i>To be conducted by webinar in March 2024 for the SCBOH members and interested other ICOH SC members</i>				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	Potentially 27 March 2024				
Venue:	Webinar				
Organizers:	Tanusha Singh and Mary Ross				
Potential Collaborators and presenters	University of Johannesburg and South African Society for Occupational Medicine Dr A de Frey Prof John Frean Dr I Ntamatamala				
Number of participants:	TBA free registration				
Publication or provision of podcast proceedings:	To be discussed with editor of Occupational Health Southern Africa				
Book of abstracts:	NA				
Book of selected proceedings:	NA				
Special issue of peer reviewed journals:	NA				
Assessment of success / impact:	TBA Objective to attract interest in this new scientific committee among ICOH members to join SCBOH and attract others to join ICOH				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 - February 2024 ie to supplement the mid-term report

Publications, Proceedings, Guidelines*, Position Papers, etc.

It was stated at the ICOH 2023 midterm meeting that articles written by SC members as part of their normal working activities should not be attributed to the scientific committee. Since the SCBOH has a limited number of members conducting teaching and research in the field, their relevant publications submitted for the report will be included. However, we have a category of articles specifically prepared as outputs for the SCBOH that are listed separately.

A. Prepared specifically for the SC BOH

1. **Ross M, Singh T.** Establishment and Progress of the Scientific Committee Biohazards and Occupational Health. Newsletter of the International Commission on Occupational Health **21**(2):11-13 (August 2023)
2. **Ross MH, Singh T.** Renewed focus on re-emerging occupational biohazards. *Occup Health Southern Afr.* 2023; 29(1): 28-30.
3. Frean J, **Ross M.** African trypanosomiasis: lessons for occupational health practitioners. *Occup Health Southern Afr.* 2023; 29(2): 88-89.
4. Frean J, **Ross M.** Malaria: lessons for occupational health practitioners. *Occup Health Southern Afr.* 2023; 29(3): 141-143
5. E Ratshikhopha, D Matuka, **T Singh.** Mould Allergy: lessons for occupational health practitioners. *Occup Health Southern Afr.* 2024 (in press)

B. Prepared by contributing members

1. **Incidence and Determinants of Symptomatic and Asymptomatic SARS-CoV-2 Breakthrough Infections After Booster Dose in a Large European Multicentric Cohort of Health Workers-ORCHESTRA Project.** Porru S, Monaco MGL, Spiteri G, Carta A, Caliskan G, Violán C, Torán-Monserrat P, Vimercati L, Tafuri S, Boffetta P, Violante FS, Sala E, Sansone E, Gobba F, Casolari L, Wieser A, Janke C, Tardon A, Rodriguez-Suarez MM, Liviero F, Scapellato ML, dell'Omo M, Murgia N, Mates D, Calota VC, Strhársky J, Mrázová M, Pira E, Godono A, Magnano GC, Negro C, Verlato G; Orchestra WP5 Working Group. *Journal of Epidemiology and Global Health.* 2023 Sep;13(3):577-588. doi: 10.1007/s44197-023-00139-8. Epub 2023 Jul 22. PMID: 37480426; PMCID: PMC10468456.
2. **Multimorbidity and Serological Response to SARS-CoV-2 Nine Months after 1st Vaccine Dose: European Cohort of Healthcare Workers-Orchestra Project.** Violán C, Carrasco-Ribelles LA, Collatuzzo G, Ditano G, Abedini M, Janke C, Reinkemeyer C, Giang LTT, Liviero F, Scapellato ML, Mauro M, Rui F, **Porru S**, Spiteri G, Monaco MGL, Carta A, Otelea M, Rascu A, Fabiánová E, Klöslová Z,

- Boffetta P, Torán-Monserrat P. *Vaccines* (Basel). 2023 Aug 8;11(8):1340. doi: 10.3390/vaccines11081340. PMID: 37631908; PMCID: PMC10459685.
3. **Temporal trends of COVID-19 antibodies in vaccinated healthcare workers undergoing repeated serological sampling: an individual-level analysis within 13 months in the ORCHESTRA cohort.** Collatuzzo G, De Palma G, Violante FS, **Porru S**, Filon FL, Fabianova E, Violán C, Vimercati L, Leustean M, Rodriguez-Suarez MM, Sansone E, Sala E, Zunarelli C, Lodi V, Monaco MGL, Spiteri G, Negro C, Beresova J, Carrasco-Ribelles LA, Tafuri S, Asafo SS, Ditano G, Abedini M, Boffetta P. Corrigendum: *Frontiers in Immunology*. 2023 Apr 14;14:1197923. doi: 10.3389/fimmu.2023.1197923. Erratum for: *Front Immunol*. 2023 Jan 11;13:1079884. PMID: 37122701; PMCID: PMC10141650.
 4. **A Multi-Center Study Investigating Long COVID-19 in Healthcare Workers from North-Eastern Italy: Prevalence, Risk Factors and the Impact of Pre-Existing Humoral Immunity-ORCHESTRA Project.** Cegolon L, Mauro M, Sansone D, Tassinari A, Gobba FM, Modenese A, Casolari L, Liviero F, Pavanello S, Scapellato ML, Taus F, Carta A, Spiteri G, Monaco MGL, **Porru S**, Larese Filon F. *Vaccines* (Basel). 2023 Nov 27;11(12):1769. doi: 10.3390/vaccines11121769. PMID: 38140174; PMCID: PMC10747427
 5. **Determinants of Anti-S Immune Response at 12 Months after SARS-CoV-2 Vaccination in a Multicentric European Cohort of Healthcare Workers-ORCHESTRA Project.** Leomanni L, Collatuzzo G, Sansone E, Sala E, De Palma G, **Porru S**, Spiteri G, Monaco MGL, Basso D, Pavanello S, Scapellato ML, Larese Filon F, Cegolon L, Mauro M, Lodi V, Lazzarotto T, Noreña I, Reinkemeyer C, Giang LTT, Fabiánová E, Strhářsky J, Dell'Omo M, Murgia N, Carrasco-Ribelles LA, Violán C, Mates D, Rascu A, Vimercati L, De Maria L, Asafo SS, Ditano G, Abedini M, Boffetta P. *Vaccines* (Basel). 2023 Sep 26;11(10):1527. doi: 10.3390/vaccines11101527. PMID: 37896931; PMCID: PMC10610704.
 6. **Protective role of SARS-CoV-2 anti-S IgG against breakthrough infections among European healthcare workers during pre and post-Omicron surge – ORCHESTRA Project.** Gianluca Spiteri, Marika D'Agostini, Mahsa Abedini, Giorgia Ditano, Giulia Collatuzzo, Paolo Boffetta, Luigi Vimercati, Emanuele Sansone, Giuseppe De Palma, Alberto Modenese, Fabriziomaria Gobba, Filippo Liviero, Angelo Moretto, Marco dell'Omo, Tiziana Fiordi, Francesca Larese Filon, Marcella Mauro, Concepción Violán, Dana Mates, Jana Oravec Bérešová, Maria Grazia Lourdes Monaco, Angela Carta0, Giuseppe Verlato, **Stefano Porru**. *Infection*, 2024, (in press)
 7. **Carmen Busneag Where is Primary Health Care (PHC) open data during COVID-19 pandemic in Europe? A mixed- methods study protocol to build a European PHC indicators dashboard for future pandemics** *Researchgate* October 2023 DOI: [10.21203/rs.3.rs-3510905/v1](https://doi.org/10.21203/rs.3.rs-3510905/v1)
 8. **Carmen Busneag The role of primary health care in long-term care facilities during the COVID-19 pandemic in 30 European countries: a retrospective descriptive study (Eurodata study)** *Primary Health Care Research & Development* October 2023 DOI: [10.1017/S1463423623000312](https://doi.org/10.1017/S1463423623000312)
 9. **Carmen Busneag - Clinical pathway of COVID-19 patients in primary health care in 30 European countries: Eurodata study** March 2023, Published in [European Journal of General Practice](https://doi.org/10.1080/13814788.2023.2182879) 29(1):2182879 DOI: [10.1080/13814788.2023.2182879](https://doi.org/10.1080/13814788.2023.2182879)

10. **Carmen Busneag- Where is Primary Health Care (PHC) open data during COVID-19 pandemic in Europe? A mixed- methods study protocol to build a European PHC indicators dashboard for future pandemics October 2023**
<https://www.researchgate.net/publication/375244854> DOI: [10.21203/rs.3.rs-3510905/v1](https://doi.org/10.21203/rs.3.rs-3510905/v1)
11. **Carmen Busneag coauthor “Harmonized definition of Occupational Burnout: A systematic review, semantic analysis and Delphy Consensus in 29 countries”** - published in Scandinavian Journal of Work, Environment @ Health in 2021 has had by February 2024 **1046 Reads, 86 Citations, 11 Recommendations**
12. Matuka D, Ratshikhopha E, Muleba L, Muvhali M, **Singh T.** 2023. Navigating the complexities of mould exposure in damp buildings: a case report on challenges and potential solutions. *Current Allergy and Clinical Immunology*, 36(4): 247 - 256.
13. Matuka D, Ngajilo D, Baatjies R, Dayal P, Jeebhay MF, **Singh TS.** April 2023. Occupational bioaerosol exposures associated with poultry farming. *Journal of Agromedicine*. DOI: 10.1080/1059924X.2023.2206405.
14. Poopedi E, **Singh T**, Gomba A. 2023. Potential exposure to respiratory and enteric bacterial pathogens among wastewater treatment plant workers, South Africa. *Int. J. Environ. Res. Public Health* 2023, 20, 4338. <https://doi.org/10.3390/ijerph20054338>
15. Chamba PS, Baatjies R, **Singh TS**, Cumbane AJ, Jeebhay MF. 2023. Exposure Characterization of Wood Dust Particulate, Endotoxins, and (1-3)- β -D-Glucans, and Their Determinants in Mozambiquan Wood Processing Workers, *Annals of Work Exposures and Health*, 67(4): 485 - 495. <https://doi.org/10.1093/annweh/wxac100>
16. **Orford R** SARS-COV-2 PRE-FLIGHT SCREENING AND VACCINES – BASIC VIROLOGY AND VACCINOLOGY SCIENCE AND PREVENTION Abstract 369 published in *Aerospace Medicine and Human Performance* Vol. 93, No. 3, p 290, March 2022 (not previously listed in half-term report)
17. **Buchta W** commissioned book review at the request of the editor of JOEM (J of Occ Env Health, the journal for ACOEM) published in the E-edition of December 2023 JOEM on 400-page tome titled, *Occupational Health for Higher Education and Research Institutions* (400 pages) Lead editor Phil Harper. It includes the biological/infectious risks in those settings, the first text of its kind.
18. Tsuchiya A, Wada K, Morikane K, **Yoshikawa T**, Hosomi Y, Dhungel B, Kunishima H. Characteristics of needlestick and sharps injuries of the hands in the operating room among orthopedic surgeons in Japan. *Ind Health*. 2023 Apr 1;61(2):151-157. doi: 10.2486/indhealth.2021-0194. Epub 2022 Mar 4. PubMed PMID: 35249893; PubMed Central PMCID: PMC10079498.
19. Ishimaru T, **Yoshikawa T**, Morimoto Y. [Occupational Safety and Health Education of Coronavirus Disease 2019 (COVID-19) Using the OpenWHO]. *Sangyo Eiseigaku Zasshi*. 2023 Mar 25;65(2):91-94. doi: 10.1539/sangyoeisei.2021-049-W. Epub 2022 Apr 9. PubMed PMID: 35400692.
20. ***Toru Yoshikawa** published a translation for of tools for infection control in the workplace related to COVID-19 into Japanese
21. **Nienhaus A**, Stranzinger J, Kozak A **COVID-19 as an Occupational Disease – Temporal Trends in the Number and Severity of Claims in Germany** *Int J Environ Res Public Health*. 2023 Jan 9;20(2):1182, Jan = 11

22. Diel R, Nienhaus A **Cost-Benefit of Real-Time Multiplex PCR Testing of SARS-CoV-2 in German Hospitals** Int J Environ Res Public Health. 2023 Feb 15;20(4):3447, Feb = 14
23. Schablon A, Harth V, Terschüren C, Kleinmüller O, Wohler C, Schnabel C, Brehm TT, Schulze zur Wiesch J, Kersten JF, **Nienhaus A Longitudinal SARS-CoV-2 Seroprevalence among Employees in Outpatient Care Services in Hamburg** Int J Environ Res Public Health. 2023 Apr 20;20(8):5599, Apr = 14
24. **Nienhaus A, Dulon M Infektionsrisiko von Frauen für eine COVID-19-Erkrankung während der Pandemie [Infection risk for women for COVID-19 during the pandemic]** ASU Arbeitsmed Sozialmed Umweltmed 2023; 58(5):327–329, Mai = 5
25. Diel R, **Nienhaus A Risk of tuberculosis transmission by children to healthcare workers – a comprehensive review** GMS Hyg Infect Control. 2023 Jun 2;18:Doc13, Jun = 9
26. Diel R, Breuer C, Bös L, Geerdes-Fenge H, Günther A, Häcker B, Hannemann J, **Nienhaus A, Priwitzer M, Witte P, Bauer T. Empfehlungen für die Umgebungsuntersuchungen bei Tuberkulose – Update 2023 [Recommendations for Contact Tracing for Tuberculosis - Update 2023]** Pneumologie. 2023 Sep;77(9):607-631, Sep = 27
27. Witte P, Arvand M, Barth S, Diel R, Friesen I, Gastmeier P, Häcker B, Hauer B, Kuhns M, **Nienhaus A, Otto-Knapp R, Richter E, Wischniewski N, Ziegler R, Bauer T Infektionsprävention & Hygiene bei Tuberkulose – Empfehlung des DZK [Tuberculosis Infection Control & Hygiene - Recommendations of the DZK]** Pneumologie 2023 Oct 13, Okt = 20
28. Diel R, **Nienhaus A Risk of tuberculosis transmission by healthcare workers to children – a comprehensive review** GMS Hyg Infect Control 2023;18:Doc26, Oct = 11
29. *Otto-Knapp R, Bauer T, Brinkmann F, Feiterna-Sperling C, Friesen I, Geerdes-Fenge H, Hartmann P, Häcker B, Hauer B, Haas W, Heyckendorf J, Kuhns M, Lange C, Maurer FP, **Nienhaus A, Priwitzer M, Richter E, Salzer HJF, Schoch O, Schönfeld N, Schaberg T Leitlinie: Therapie bei MDR-, prä-XDR-, XDR-Tuberkulose und Rifampicin-Resistenz oder bei Medikamentenunverträglichkeit gegenüber mindestens Rifampicin [Treatment of MDR, pre-XDR, XDR and rifampicin resistant tuberculosis or in case of intolerance to at least rifampicin in Austria, Germany and Switzerland - Amendment dated 19.09.2023 to the Sk2-Guideline: Tuberculosis in adulthood of the German Central Committee against Tuberculosis (DZK) on behalf of the German Respiratory Society (DGP).]** Pneumologie. 2023 Nov 6

Collaborative activities with other ICOH SCs:

There is ongoing collaboration between previous members of WGOIA who were excluded from joining SCBOH by virtue of being members of three other SCs. **Albert Nienhaus** attended, and represented SCBOH at, the midterm conference of the group SCOHWW in New York in October 2023 and presented data on COVID-19 in Health Workers.

Participation and support to WHO – ILO meetings and/or publications:

- **Tanusha Singh** attended the international meeting on the global action plan (GAP) and global monitoring framework for infection prevention and control (IPC) on 16-18 May 2023, on behalf of ICOH. The aim was to make progress in developing the Global Action Plan (GAP), shifting from strategies to actions for adoption by countries to deliver the impact that is needed. WHO regional offices, member countries, civil societies, and interested parties attended the meeting. The importance of workplaces in the IPC process to reduce the impact of future biological threats to public health through prevention and control measures that can be implemented in workplaces was noted at the meeting. The role of ICOH as an important partner in the implementation of strategies and measure in workplaces was recognised.
- **Tanusha Singh** was invited by the World Health Organization (WHO) and participated in a Delphi survey on indicators and targets to be included in the new global monitoring framework (MF) for infection prevention and control (IPC). The Delphi study aimed to gather views and consensus from relevant country ministry representatives, IPC experts and partners to identify and prioritise indicators and targets for the development of a MF to track progress of the implementation of the Global Action Plan (GAP) on IPC.

Collaboration with non-ICOH organizations:

- **Mary Ross and Tanusha Singh** As proposed in the SCBOH workplan, and outlined in the half-term report, SCBOH is implementing the collaboration with Occupational Health Southern Africa (OHSa) in publishing articles related to biohazards and occupational health. The development was reported was the first edition of OHSa in 2023, and two articles on occupational trypanosomiasis and malaria were published and distributed through the SCBOH members to share and translate as required.
- **Stefano Porru** is co-leader of the Work Package 5, Orchestra Project "Connecting European Cohorts to Increase Common and Effective Response to SARS-CoV-2 Pandemic: ORCHESTRA. European Union's Horizon 2020 research and innovation programme; grant agreement No 101016167"; Responsible for an Italian Research Unit, international multicentric WHO project "Assessment of risk factors for coronavirus disease 2019 (COVID-19) in health workers: protocol for a case control study"; a core member of the Crisis Units for Biohazards, University of Verona, Italy; and Vice President of the Triveneta Regional Section of Occupational Health, section of the National Society of Occupational Medicine
- **Toru Yoshikawa**, with the Occupational Infection Control Research Group, is researching the impact of COVID-19 on workplaces in the East Asia region, including respiratory protection, COVID-19 infection prevention in the workplace, and initiatives to support the return to work of patients with post-COVID-19 conditions.

Presentations made and projects in the second half of triennium in conjunction with non-ICOH organizations by SCBOH members include:

- **Carmen Busneag - Eurodata Study: Covid-19 Vaccination Pathway and the Role of Primary Care in 27 European Countries** at Conference: 96th EGPRN meeting, 11 - 14 May 2023, Split, Croatia

- **Carmen Busneag**- The XXI Congress of Romanian Society of Occupational Health , 25th-27th May 2023, Sinaia, Romania - in the Section “Priorities of ICOH” supporting the work :”Romanian presence at ICPH: past, present and future”
- **Carmen Busneag** moderated a round table discussion on ‘Covid 19- professional disease of medical personnel’ at The European Balkanic Conference 15th-16th December 2023, Timisoara, Romania for participants from 12 countries belonging to “Association of General practice/Family medicine from South East Europe” (AGPFMSEE)
- **Tanusha Singh** co-assisted with the Rapid-fire panel discussion on hazardous biological agents (HBA) which highlighted awareness of the HBA regulations requirement and the importance of compliance of employers, employees, and stakeholders in ensuring the health and safety of every worker in South African workplaces at NEDLAC and NIOH COVID-19 legacy, 20 April 2023.
- Matuka DO, Muleba L and **Singh T.** Awareness Campaign for Fungal Disease Awareness Week: The Growing Need to Think Fungus – ‘in the Workplace’. 18-22 September 2023. The aim was to create a healthier workplace by raising awareness and fostering a culture of care: the theme "The Growing Need to Think Fungus" was to raise awareness about fungal diseases in the workplace through comprehensive risk assessments and promoting early recognition for timely treatment.
- **Fuller, T.**, Building Global Occupational Hygiene Capacity through Education and Training Collaborative Initiatives, invited presentation and the annual conference of the Mexican Association of Industrial Hygiene (October 18, 2023) Queretaro, Mexico.

Any other points of relevance:

- In January 2024, SCBOH became associated with an academic institution through the appointment of **Tanusha Singh** as an associate professor at the University of Johannesburg, which is assisting in hosting the mid-term conference seminar. The interface with academia and SCBOH outputs are anticipated to increase in the next triennium through members who belong to other universities and ICOH SCs.
- **Carmen Busneag** is a member of the Editorial Board of Electronic Journal of Medical and Educational Technologies – <https://ejmets.com>
- **Thomas Fuller** is president of Iberoamerican Board of Occupational Hygiene and is chair of the American Industrial Hygiene Association Emerging Economies Microgrant Advisory Group
- **Thomas Fuller and Mary Ross** are members of the Advisory Panel for the Board of Occupational Health Southern Africa
- **Mary Ross** is an Assistant Editor for Tropical Medicine and Infectious Disease; and Member of the International Advisory Board for Occupational Medicine
- **Carmen Busneag**, with her Collaborative groups won two awards from WONCA EUROPE awarded in 2023 for Special Projects. Both awards were given for research works at European level (28-30 European countries) in the field of Covid 19 pandemic research.
- **Kari Reijula** holds the Vice Dean position at the Medical Faculty, University of Helsinki which employs over 1000 workers and has approximately 10 000 students plus he is a member of the Board of Directors at the Helsinki University

Central Hospital, with over 27 000 hospital workers. Both portfolios comprise the implementation of the SCBOH goals.

As can be seen from our members publications and collaborations, COVID-19 persists as a priority not only for health and other workers at work but also in managing fitness to return to work with long COVID. In addition, community outbreaks such as the re-emergence of measles and potential future pandemics continue to emphasise the workplace: community interface that affects occupational health post the COVID-19 pandemic.

PART III - SC PLANS for the ICOH2024 Congress and for the Next triennium: April 2024 – March 2027

Planned Scientific Contributions to the ICOH2024 Congress:

SC BOH has organised a **Special Session, “Emerging and continuing biohazards in the workplace”**, comprising presentations by members attending the congress.

- Past and future: Re-emerging and emerging occupational biological hazards **(Mary Ross)**
- Open issues around COVID-19 and work: Lessons learned from the literature and the European ORCHESTRA multicentric study on health workers **(Stefano Porru)**
- COVID-19 and occupational health: Protecting workers and ensuring workplace safety for hairdressers **(Albert Nienhaus)**
- From spores to symptoms: A case series unravelling mould exposure and health risks in diverse occupational settings **(Tanusha Singh)**

A free paper session, **‘Biological Hazards in Occupational Health Research and Practice’**, and a poster session have been organised. Four SCBOH members reviewed 30 submitted abstracts of which 25 were congruent with the theme of the session and the others were referred to other relevant sessions. The reviews resulted in 6 oral papers; 14 posters; 4 potential mentor posters and 1 rejection.

A business meeting will be held to confirm the leadership of the SCBOH and to discuss the progress and plans for SCBOH in the next triennium

In sessions for other SCs related to SCBOH

ID 22919 – “Dermatological pathology of healthcare workers during and after Covid 19 pandemic” **Carmen Busneag**

ID 22919 – “Mental health and wellbeing of healthcare workers from South East Europe after Covid 19 pandemic” **Carmen Busneag**

Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

We Have organised with the University of Johannesburg to host the development of webinars for SCBOH members on the published OHSa occupational biohazard topics to be presented by the authors with a view to promoting the global applicability of the guidance. The first is to be held on 27 March 2024 as the triennium conference of SCBOH mentioned in Part 1.

The future business meeting mid-next triennium, potentially at a conference venue in conjunction with the SCOHHW.

Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

SCBOH will investigate collaboration with other SCs now that it has been established over the last 18 months. As previously for the WGOIA, there is close collaboration with SCOHHW as there are a number of members in common and **Antoon De Skryver** is the current Secretary. The intention is to forge closer relationship with the SC Allergy and Toxicology since SCBOH now covers non-infectious biological hazards not previously included in WGOIA

2022-2024 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

The Chair and Secretary of SCBOH, in conjunction with clinical experts experienced in biohazards and occupational health will continue to collaborate with Occupational Health Southern Africa and will identify topics and submit regular contributions (the target remains one every quarter). Each will cover occupational case studies or series, and the epidemiology, prevention and management of occupational diseases either relevant to southern Africa or globally. At the business meeting at ICOH2024, future priorities, research and outputs will be discussed. Any future outputs produced solely for the SCBOH and not by individual members in conjunction with other authors or organisations will be referred to ICOH as per Article 8.

Any other points of relevance:

The composition of 16 SCBOH members during this triennium was: physicians 81%; occupational hygienists 12.5%; and medical scientists 6%, with a gender distribution 63% male. This is comparable with the composition of ICOH members (65% physicians and 60% male). The composition of SCBOH is mainly made up of previous members of the WGOIA including those who withdraw from other SCs because of quota membership.

This has limited the numbers as membership of the WGOIA was not excluded for members of 3 SCs. The plan is to recruit other ICOH members in the next triennium.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review past events, activities and deliverables, and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **prior to** the current Triennium. Give examples where possible.)

There was no SCBOH prior to this current triennium during which it was formed.

PART V – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Country	Name
South Africa (Chair)	Mary Ross
South Africa (Secretary)	Tanusha Singh
Italy	Stefano Porru
Finland	Kari Reijula
Romania	Carmen Busneag
Germany	Albert Nienhaus
USA	Robert Orford
USA	William Buchta
USA (until March 2024)	Thomas Fuller
Chile	Gabriela Moreno
Chile	Marta Cabrera
Paraguay	Laura Flores
Kenya	Franklin Muchiri
Belgium	Antoon de Skryver
Japan	Toru Yoshikawa
Australia (died Sep 2023)	Peter Leggat
India (joined Sep 2023)	Kankan Mukhopadhyay



ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024

The SC Final Report covers the period March 2023 – January 2024.
Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira	claudinanogueira@hotmail.com
	cmcanogueira@gmail.com
Secretariat General	icoh@inail.it

Date: 9 February 2024
Submitted by SC: **Cardiology in Occupational Health**

Name of Chair: Prof. Marco Ferrario
Year of Appointment: 2022
Email address: marco.ferrario@insubria.it

Name of Secretary: Prof. Franca Barbic
Year of Appointment: 2022
Email address: Franca.barbic@hunimed.eu

SC Website URL (if available): <https://www.icoh-cvd.jp/>

Other SC Means of Communication:

Focus and aim of the SC:

The ICOH Scientific Committee on Cardiology in Occupational Health (ICOH-CVD) serves a professional network of researchers, occupational health physicians and public health workers throughout the world concerned about the impact of work and workrelated factors on cardiovascular health, in particular hypertension, stroke and ischemic heart disease (IHD). Linking economic globalization to the changing nature of work and its impact on the risk of CVD, and focusing on research, worksite interventions, and public health, we are organized as an official committee of the

International Commission of Occupational Health. Our work focuses on identifying work-related risk factors for CVD, including both the physical and psychosocial work.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

1) **Business meeting:** None

Venue:

Date:

Number of attendees:

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	29 ICSV, 29th International Congress on Sound and Vibration				
Type of event (please check) :	Conference	Seminar	Workshop	Course	Other
	x				
Date:	9-13.07. 2023				
Venue:	Prague, Hilton Prague Hotel				
Organizers:	International Institute of Acoustics and Vibration (IIAV)				
Co-organizers and Collaborators: Please identify and describe roles.					
Number of participants:	1000				
Publication or provision of CD/DVD proceedings:	Electronic version of proceedings				
Book of abstracts:	Not available				

Book of selected proceedings:	Not available
Special issue of peer reviewed journals:	none

(1) Name of the event:	II Ogólnopolska Konferencja Ergonomia wieku podeszłego/ 2nd Polish Conference on Ergonomics in Old Age				
Type of event (please check) :	Conference	Seminar	Workshop	Course	
	x				
Date:	13-14.10.2023				
Venue:	Wrocław				
Organizers:	Commission on Ergonomics of Old Age, Polish Academy of Sciences				
Co-organizers and Collaborators: Please identify and describe roles.					
Number of participants:	100				
Publication or provision of CD/DVD proceedings:	Selected papers will be published in the regular issue of the scientific journal entitled Medycyna Pracy- Workers Health and Safety				
Book of abstracts:	yes				
Book of selected proceedings:	Not available				
Special issue of peer reviewed journals:	Selected papers will be published in the regular issue of the scientific journal entitled Medycyna Pracy- Workers Health and Safety				

(1) Name of the event:	2023 ROUNDS <i>Faculty of Medicine, University of Toronto</i> "Sleep deprivation and cardio-metabolic risk in workplace: role of the autonomic nervous system" (<i>Presenter: Franca Barbic, Occupational and Environmental Health, Humanitas University, Italy</i>)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	September 27 th , 2023				
Venue:	<i>Faculty of Medicine, University of Toronto</i> <i>Division of Occupational Medicine, St. Michael's Hospital, Toronto</i>				
Organizers:	<i>Aaron Thompson MD, MPH, FRCPC</i> <i>Associate Professor, Department of Medicine, University of Toronto</i> <i>Chair, Occupational Medicine Rounds, Unity Health / St. Michael's Hospital / University of Toronto</i>				
Co-organizers and Collaborators: Please identify and describe roles	<i>Michael John Hernandez</i> <i>Program Coordinator, Subspecialty Programs – Hematology and Occupational Medicine</i> <i>Department of Medicine / Temerty Faculty of Medicine / University of Toronto</i>				
Number of participants:	About 50				
Publication or provision of CD/DVD proceedings:	no				
Book of abstracts:	no				
Book of selected proceedings:	no				
Special issue of peer reviewed journals:	no				

Assessment of success / impact:	YES
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

Publications, Proceedings, Guidelines*, Position Papers*, etc.

Marc Fadel, Grace Sembajwe, **Jian Li**, Annette Leclerc, Fernando Pico, Alexis Schnitzler, Yves Roquelaure, Alexis Descatha. *Association between Prolonged Exposure to Long Working Hours and Stroke Subtypes in the CONSTANCES Cohort*. Occupational & Environmental Medicine, 2023, 80 (4): 196-201.

Jian Li, Timothy A Matthews, Thomas Clausen, **Reiner Rugulies**. *Workplace Discrimination and Risk of Hypertension: Findings from a Prospective Cohort Study in the United States*. Journal of the American Heart Association, 2023, 12 (9): e027374.

Timothy A Matthews, Liwei Chen, **Jian Li**. *Increased Job Strain and Cardiovascular Disease Mortality: A Prospective Cohort Study in U.S. Workers*. Industrial Health, 2023, 61 (4): 250-259.

Timothy A Matthews, **Jian Li**. *Adverse Childhood Experiences, Social Isolation, Job Strain, and Cardiovascular Disease Mortality in U.S. Older Employees*. Medicina (Kaunas), 2023, 59 (7): 1304.

Zheyu Hu, **Jian Li**. *Associations of Workplace Violence with Cardiovascular Disease among United States Workers: Findings from a National Survey*. Journal of Preventive Medicine and Public Health, 2023, 56 (4): 368-376.

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How does day-to-day stress appraisal relate to coping among office workers in academia? An ecological momentary assessment study

(2024) STRESS AND HEALTH.

Margo Ketels (UGent) , Thomas Belligh (UGent) , Dirk De Bacquer (UGent) and **Els Clays** (UGent)

The impact of leisure-time physical activity and occupational physical activity on sickness absence : a prospective study among people with physically demanding jobs

(2023) SCANDINAVIAN JOURNAL OF WORK ENVIRONMENT & HEALTH. 49(8). p.578-587

Sara Claes (UGent) , Sophie Vandepitte (UGent) , **Els Clays** (UGent) and Lieven Annemans (UGent)

How job demands and job resources contribute to our overall subjective well-being

(2023) FRONTIERS IN PSYCHOLOGY. 14.

Larissa Bolliger (UGent) , Ellen Baele (UGent) , Elena Colman, Gillian Debra (UGent) , Junoš Lukan, Mitja Luštrek, Dirk De Bacquer (UGent) and **Els Clays** (UGent)

The association between day-to-day stress experiences, recovery, and work engagement among office workers in accademia : an Ecological Momentary Assessment study

(2023) PLOS ONE. 18(2).

Victoria Weale, Jasmine Love, **Els Clays** (UGent) and Jodi Oakman

Using EMA and physiological data to explore the relationship between day-to-day occupational stress, musculoskeletal pain and mental health among university staff : a study protocol

(2023) INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH. 20(4).

Larissa Bolliger (UGent) , Gillian Debra (UGent) , Junoš Lukan, Rani Peeters, Elena Colman, Ellen Baele (UGent) , Mitja Luštrek, Dirk De Bacquer (UGent) and **Els Clays** (UGent)

The association between day-to-day stress experiences and work-life interference among office workers in academia: an ecological momentary assessment study

(2023) INTERNATIONAL ARCHIVES OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH. 96(2). p.201-212

Pieter Vynckier (UGent) , Lisa Van Wilder (UGent) , Kornelia Kotseva, David Wood, Sofie Gevaert (UGent) , **Els Clays** (UGent) , Dirk De Bacquer (UGent) , Delphine De Smedt (UGent) and EUROASPIRE V investigators group

Gender differences in health-related quality of life and psychological distress among coronary patients : does comorbidity matter? Results from the ESC EORP EUROASPIRE V registry

(2023) INTERNATIONAL JOURNAL OF CARDIOLOGY. 371. p.452-459

Lisa Van Wilder (UGent) , Sophie Vandepitte (UGent) , **Els Clays** (UGent) , Brecht Devleesschauwer (UGent) , Peter Pype (UGent) , Pauline Boeckxstaens (UGent) , Diego Schrans (UGent) and Delphine De Smedt (UGent)

Psychosocial factors associated with health-related quality of life in patients with chronic disease : results of a cross-sectional survey

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Book

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Proceedings

Bortkiewicz A, Dudarewicz A, Pawlaczyk-Łuszczynska M: Non-auditory health effects related to noise exposure in the working environment. ICSV29, Annual Congress of International Institute of Acoustics and Vibration (IIAV), 9 – 13 July 2023.

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

None yet defined by now.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

None by now.

Collaboration with non-ICOH organizations:

Collaboration with Global Burden Disease International and Global Burden Disease, Italian Network (*F.Barbic*), started September 2023.

Collaboration with GRADE International Group “Assessing the quality of evidence in environmental and occupational health”.

(*F.Barbic*), started November 2023.

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

Special Session Title:	Recognised Occupational CVD risk factors: time to start a prevention Total Worker Health approach?
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Abstract review for ICOH 2024 #23

Organiser and Chief Reviewer (1) and Assistant Organisers (2, 3)	Reviewers
(1) Marco M Ferrario (Italy) Senior Professor in Occupational Medicine, University of Insubria at Varese, Varese, Italy marco.ferrario@uninsubria.it Tel: +39 338 529 2299 (2) Franca Barbic (Italy) franca.barbic@hunimed.eu	Marco Ferrario Franca Barbic Jian Li (USA): jianli2019@g.ucla.edu Els Clays (Belgium): els.clays@ugent.be Akizumi Tsutsumi (Japan): akizumi@kitasato-u.ac.jp

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

8th International Conference on Work Environment and Cardiovascular Diseases (ICOH-CVD)

Conference Venue: Faculty of Public Health, Mahidol University, Bangkok, Thailand

Proposed Dates for the conference: 20-22 August 2025 (3 days).

Estimated number of participants: 200 participants from approximately 20 countries or more.

Conference Local Organizing Chair: Associate Professor Orawan Kaewboonchoo, PhD

Potential co-sponsors: Mahidol University, Institute of Public Health Education in Thailand, and relevant companies related to public health

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

None yet by now.

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

Collaboration with EUPHA INTERNATIONAL MULTIMORBIDITY SYMPOSIUM

Location: Santé Publique France, Paris; June 2024

Panel Discussion – Integration of Public Health, Primary Care and Occupational Health

Franca Barbic, Laetitia Huiart, Julian Mamo, Saverio Stranges

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Not yet defined by now.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

The SC keeps upward the interest of its members publishing scientific high quality scientific papers and participating to international collaborations. There is a growing interest in application of the Total Worker Health approach to prevent CVDs. In the following months these new achievements will be presented and discussed at the 8th International Conference in Bangkok, Thailand. A specific mention should be addressed to Professor Jian Li, who actively helps in facilitate the process for the organisation of the next SC.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

First Name	Last Name
Franca	BARBIC
Alicja	BORTKIEWICZ
Jose C.D.	CARNEIRO
Giancarlo	CESANA
Els	CLAYS
Indrashree	DUSANE
Marco	FERRARIO
Elzbieta Hanna	GADZICKA
Yuri yurevich	GORBLYANSKY
Shilpa	GOWDA
Muthenahalli Giriyappa	HARISHANKAR
Manuel Antonio	HUAMAN PISCONTI
Arturo	JUAREZ GARCIA
Jian	LI
Francisca Uche	OJOMO
Anton	OJONG
Marta	PETYX
Pedro Guillermo	PROANO EGAS
Minha	RAJPUT-RAY
Reiner	RUGULIES
Johannes	SIEGRIST
Sahajanand	THAKAR
Akizumi	TSUTSUMI
Kazurou	YOSHIDA

Members who left the SC since the submission of the SC Midterm Report:

None*****



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

Date: February 12, 2024

Submitted by SC: **Effectiveness in Occupational Health Services**

Name of Chair: Stefania Curti

Year of Appointment: 2018

Email address: stefania.curti@unibo.it

Name of Secretary: Carel Hulshof

Year of Appointment: 2022

Email address: c.t.hulshof@amsterdamumc.nl

SC Website URL (if available): not anymore. Of note, SC EOHS public page hosted by ICOH has been updated.

Other SC Means of Communication:

-Email to the membership list on an ad-hoc basis

-Newsletter: at least twice per year

Focus and aim of the SC:

The aim of the SC is to stimulate the international exchange of experiences on research programmes, methodology and practice in the field of health services and policy in occupational health and to identify priority areas for international comparative research.

Topics addressed by the SC include evidence-based occupational medicine, guidelines and Cochrane reviews. Evaluation of interventions lead to improved delivery of OH, reducing sickness absence and improving health and wellbeing at work. The activities of the SC are intended to foster the scientific progress, knowledge and development of occupational health at work by providing a multidisciplinary network in the field of occupational health services. By promoting research and collaboration, the SC aims to contribute to a better professional quality of occupational health services, a good acceptance and adequate use of these services, and ultimately to healthy work for all.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: NOVA National School of Public Health, Lisbon (Portugal). The business meeting was hosted in hybrid format as well.

Date: February 6, 2024 (18.30-19.30 CET)

Number of attendees: 6

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): February 12, 2024.

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	An International Symposium on “Effective prevention of skin cancer in workers exposed to solar UV radiation” organized by three ICOH Scientific Committees: i) SC Effectiveness in Occupational Health Services (EOHS); ii) SC Occupational and Environmental Dermatoses (OED); and iii) SC Radiation and Work (R&W)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	February 6, 2024				
Venue:	NOVA National School of Public Health, Lisbon (Portugal) The event was hosted in hybrid format as well				
Organizers:	Stefania Curti (Chair ICOH SC EOHS), Carel Hulshof (Secretary ICOH SC EOHS), and Stefano Mattioli (former Chair ICOH SC EOHS)				
Co-organizers and Collaborators: Please identify and describe roles	Marc Wittlich (Chair ICOH SC R&W), Alberto Modenese (Secretary ICOH SC R&W), Fabriziomaria Gobba (former Chair ICOH SC R&W), José Hernan Alfonso (Chair ICOH SC OED), Swen Malte John (Secretary ICOH SC OED) along with Marília Silva Paulo and Susana Viegas at the NOVA National School of Public Health, Lisbon (local organizers)				

Number of participants:	More than 300 registered participants
Publication or provision of CD/DVD proceedings:	-
Book of abstracts:	-
Book of selected proceedings:	-
Special issue of peer reviewed journals:	-
Assessment of success / impact:	This joint meeting covered topics related to the prevention of skin cancers in workers exposed to solar UV radiation providing an overview of the state of the art along with some examples of preventive interventions of solar UV radiation risk at the workplaces. The ICOH SCs closely collaborated with each other to foster interactions and to establish new connections. This event was an excellent platform for the exchange of ideas, disseminating findings and inviting participants to join ICOH as well.

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

-None

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

1) Collaboration with SC Education and Training in OH

The SC EOHS continues the collaboration with SC Education and Training in OH on common topics such as Basic Occupational Health Services (BOHS) and evaluation of preventive interventions. SC Education and Training in OH together with SC EOHS, SC Small-Scale Enterprises and Informal Sector, and SC Rural Health planned a special session about BOHS at the ICOH 2024 Congress. In addition, a proposal to start a Working Group on BOHS was promoted by Frank van Dijk (member of SC Education and

Training in OH and member of SC EOHS) and Suvarna Moti (member of SC Education and Training in OH). This initiative was supported by the same four SCs.

2) Collaboration with SC Radiation and Work along with SC Occupational and Environmental Dermatoses

The SC EOHS is actively collaborating with SC Radiation and Work and SC Occupational and Environmental Dermatoses in the field of Effectiveness of Sun safety interventions among Outdoor Workers (namely, the ESOW project). To that matter, we are carrying out a systematic review on the effectiveness of interventions to reduce exposure to occupational solar ultraviolet radiation among outdoor workers. The three SCs also organized an international symposium on “Effective prevention of skin cancer in workers exposed to solar UV radiation” with the support of the NOVA National School of Public Health (Lisbon, Portugal). This joint meeting was held on February 6, 2024 (please, see also above). The same three SCs are also collaborating in another project on the risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation.

3) Collaboration with SC Occupational Medicine

The SC EOHS is working closely with many members of the SC Occupational Medicine who are also members of the MODERNET (Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETwork). In addition to that, SC Occupational Medicine together with SC EOHS planned a special session on occupational cancers at the ICOH 2024 Congress. The session will focus on exploring the various factors that contribute to the development of cancer with experts from all over the world.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

-None

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

1) Cochrane Work

The SC EOHS liaises with Cochrane Work and stimulates its members to i) evaluate the effectiveness of preventive interventions; ii) participate in systematic reviews; iii) come up with topics for systematic reviews in Occupational Safety and Health; and iv) to use and implement the knowledge available from OSH Cochrane Reviews. For instance, the Chair and Secretary of SC EOHS were involved in two Cochrane reviews on the effects of preventing asbestos exposure. This project was developed in collaboration with INAIL and Cochrane Work.

2) Modernet (Monitoring trends in Occupational Diseases and tracing new and Emerging Risks in a NETwork) working group

Some members of SC EOHS are participating in the activities of a collaborative working group (Modernet) which was originally funded by the EU-COST action. Since the aim of

Modernet is to study trends of occupational diseases and new occupational risks – relevant topics for occupational health services – we promote collaborations between EOHS members and Modernet members. Of note, the Chair and past Chair of SC EOHS were part of the Scientific Committee of the Modernet meeting on Occupational Health after the COVID-19 pandemic that took place in Milan, Italy (October 12-13, 2023). The following topics were covered: i) new and emerging risks and diseases in agriculture, with a specific focus on biological agents; ii) solar radiation exposure and worker's health risk in the global warming scenario; and iii) evidence-based and cost-effective methods for the early detection of occupational diseases.

3) Former COST Action OMEGA-NET

Some members of SC EOHS are participating in the activities of the COVID-19 Task Group of the former COST Action OMEGA-NET. The aim of this Task Group is to provide an overview of the recognition of COVID-19 as occupational disease or injury across Europe. This has been published in Occupational and Environmental Medicine journal: Nys et al. Recognition of COVID-19 with occupational origin: a comparison between European countries. *Occup Environ Med.* 2023 Nov 23;80(12):694-701.

4) Global Network for Evidence Synthesis in Occupational Safety and Health, Work Participation and Well-being (in short "Evidence for Work")

Some members of SC EOHS are participating in the activities of the Global Network for Evidence Synthesis in Occupational Safety and Health, Work Participation and Well-being. This network was initially funded by INAIL and is dedicated to shaping the synthesis, dissemination, and implementation of evidence in the field of OSH. Since March 2023, two meetings about the global network "Evidence for Work" took place: March 23-24, 2023 (INAIL, Rome) and November 2-3, 2023 (INAIL, Rome). The SC EOHS together with the network "Evidence for Work" and the Cochrane Thematic Group "Work and Health and Social Security" planned a special session on this global network at the ICOH 2024 Congress.

Any other points of relevance:

-None

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

1) Planned Special Sessions at ICOH 2024 Congress (of note, this is an update of the SC Midterm Report since some proposals were still underway at the time of the submission)

i) Special Session entitled "Global Network for Evidence Synthesis in Occupational Safety and Health" organized by SC EOHS. Coordinator: Stefania Curti (Chair ICOH SC

EOHS) together with the global network “Evidence for Work” and the Cochrane Thematic Group “Work and Health and Social Security”

List of speakers:

- Jan Hoving (Netherlands): “Introducing the Global Network for Evidence Synthesis in Occupational Safety and Health, Work Participation and Wellbeing”
- Damien McElvenny (UK): “Survey to Assess the Feasibility of Establishing an International Network for Evidence Synthesis in Occupational Safety and Health”
- Christina Tikka (Finland): “Evidence-informed decision making in occupational health and safety – results from a doctoral thesis”
- Frederieke Schaafsma (Netherlands): “Challenging Occupational Health Practice using Evidence Synthesis of Occupational Health Research”
- John Piacentino (USA): “NIOSH Experience with Planning and Developing Systematic Reviews”

ii) Special Session entitled “Occupational Cancer – What Are We Missing?” proposed by SC Occupational Medicine and SC EOHS. Coordinator: Melvyn Chin (member of SC Occupational Medicine) with the support of Stefania Curti (Chair ICOH SC EOHS)

List of speakers:

- Riitta Sauni (Finland): “Work-related Cancer in Finland”
- Nuri Purwito Adi (Indonesia): “Future Task for Occupational Cancer Prevention in Indonesia”
- Dingani Moyo (Zimbabwe): “Challenges Associated with Diagnosis of Occupational Cancers in Southern Africa”
- Moazzam Zaidi (New Zealand): “Occupational Cancer in New Zealand”
- Amer Dobraca (Bosnia and Herzegovina): “Improving Public Health Cancer Registries and Data Collection for a Safer Workplace. A Case Study in Bosnia and Herzegovina”

iii) Special Session entitled “Bottlenecks and solutions in starting and progressing Basic Occupational Health Services” proposed by SC Education and Training in OH, SC EOHS, SC Small-Scale Enterprises and Informal Sector, and SC Rural Health. Coordinator: Frank van Dijk (member of SC Education and Training in OH and member of SC EOHS) with the support of Stefania Curti (Chair ICOH SC EOHS), Somnath Gangopadhyay (Secretary ICOH SC Small-Scale Enterprises and Informal Sector), Sashi Chandrasekar (Chair ICOH SC Rural Health), and Suvarna Moti (member of SC Education and Training in OH)

List of speakers:

- Somnath Gangopadhyay (India): “Necessities of Occupational Health and Safety Training in Indian Informal Sectors”
- Dingani Moyo (Zimbabwe): “Implementation Challenges of Basic Occupational Health Services in Southern Africa”
- Suvarna Moti (India): “Is Basic Occupational Health Services progressing beyond general medical care at the workplace in Informal sector in India: A scoping review”
- Ramin Tabibi (Iran): “Basic Occupational Health Services (BOHS) In Iran, overview of state of the art”
- Min Zhang (China): “Basic Occupational Health Services in China: Challenges and Opportunities”

- Claudio Colosio (Italy): “Italy, special attention to improve levels of coverage in agriculture”
- Elisabeth Costa Dias (Brazil): “Technical and Pedagogical support (Matrix) for Basic Occupational Health Services (BOHS) in SUS, the National Health System in Brazil”
- Orrapan Untimanon (Thailand): “Development of financial system for Basic Occupational Health Services delivery for informal workers in Thailand”

2) ICOH 2024 Business meeting

The SC EOHS will organise a business meeting to be held during the ICOH 2024 Congress in Marrakesh, Morocco (April 28-May 3, 2024). This will be finalised in due course.

3) ICOH 2024 Free Paper Abstract Session

Two free paper abstract sessions were organized by SC EOHS:

i) Topic “Effectiveness in Occupational Health Services”

Organizer and chief reviewer: Stefano Mattioli (EOHS member)

ii) Topic “Evidence-based prevention in OH”

Organizer and chief reviewer: Stefania Curti (Chair ICOH SC EOHS)

Reviewers:

Stefania Curti (Italy)

Carel Hulshof (Netherlands)

Riitta Sauni (Finland)

Stefano Mattioli (Italy)

Frederieke Schaafsma (Netherlands)

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

At ICOH 2024 business meeting we intend to discuss about potential collaborations with other SCs taking into consideration also the involvement of National Society/Association of Occupational Medicine or Public Health (like Bologna 2014, Mumbai 2020 or Lisbon 2024). Conferences and/or seminars will be finalised in due course including business meetings.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Our SC intends to discuss the opportunity to organise a joint meeting together with other SCs like SC on Musculoskeletal Disorders, SC on Occupational Medicine, SC on Epidemiology in Occupational Health or SC Radiation and Work. Collaborative activities may include the evaluation of the effectiveness of preventive interventions. This will be finalised in due course.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

We are yet working, and we plan to continue to cooperate, together with the Cochrane Work and the European group Modernet, as well as other partners like the global network “Evidence for Work” (see also above).

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

-A systematic review on the effectiveness of interventions to reduce exposure to occupational solar ultraviolet radiation among outdoor workers is under development. Other SCs involved are SC Radiation and Work, and SC Occupational and Environmental Dermatoses. The same three SCs were also involved in the conduct of a systematic review on the risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation.

Any other points of relevance:

-None

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The members of SC EOHS have been actively involved in improving the quality of occupational health services as well as of occupational surveillance by developing and publishing useful evidence-based guidelines and collaborating with other SCs, including non-ICOH organizations. In addition, members of SC EOHS laid the foundations for the evaluation of the effectiveness of preventive interventions in OSH. This includes the active participation in reliable and up-to-date reviews of occupational health interventions under the umbrella of the Cochrane Work. All things considered, the activity of SC EOHS can be considered successful in improving global occupational health.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name: **Email address:**

- See the attached file.

Members who left the SC since the submission of the SC Midterm Report:

Name: **Email address:**

-None

Title	First Name	Last Name
Dr.	Marianna	AGABA
Prof.	Raymond M.	AGIUS
Mrs	Ashrita	ANTHONY
Dr	Rose Karen Kolimlim	BARTHOLOMEW
Dr.	Theodore	BAZAS
Dr.	Vidya kiran	BHAT
Ms	Janine	BIGAIGNON-FANCHETTE
Dr.	Peter	BUIJS
Dr.	Rodolfo	BUSELLI
Dr.	Geoffrey Mc Call	Calvert
Dr.	John Timothy	CARTER
		CHITTUR
Dr.	Manoj kumar	GOPALAKRISHNAN
Dr.	Apurba Krishna	CHOWDHURY
Dr.	Katia Maciel	COSTA-BLACK
Dr.	Gleb	CSIGIRINSZKIJ
Dr.	Stefania	CURTI
Dr.	Angela	DE BOER
Dr.	Juan Luis	DELGADO
Dr.	Brigitte	FRONEBERG
Dr.	Hiroshi	Fukuda
Prof.	Mats	HAGBERG
Dr.	John	HARRISON
Prof.	Toshiaki	HIGASHI
Prof.	Carel T.J.	HULSHOF
Dr.	Matti S.	HUUSKONEN
Dr.	Ekene Casmir	IGBOERIKA
Dr.	Reinhard	JÄGER
Ms	Annette	JÖRGENSEN

Mr.	Ajay	KAKADIYA
Prof.	Seong-Kyu	KANG
Dr.	Devesh	KUMAR
Dr.	Santanam Balaji	LAKSHMIPURAM
Dr.	Kirsi Helena	LAPPALAINEN
Dr.	Timo Juhani	LEINO
Dr.	Bertrand	LIBERT
Dr.	Arve	LIE
Dr.	Marko	LUHTALA
Prof.	Ewan B.	MACDONALD
Dr.	Ira	MADAN
Dr.	Stefano	Mattioli
Ms	Denise	MINNIE
Dr.	Atul	MISHRA
Prof.	Guido F.	MOENS
Prof.	Jadranka	MUSTAJBEGOVIC
Prof.	Takashi	MUTO
Dr.	Buhara	ONAL
Mrs	Janet	O'NEILL
Mrs	Penelope Margaret	ORTON
Dr.	Bishwadeep Manoj	PAUL
Dr.	André montenegro	PEREIRA
	Dineshkumar	
Dr.	Hukamji	PRAJAPATI
Dr.	Pedro Guillermo	PROANO EGAS
Dr.	Kimmo P. O.	RÄSÄNEN
Dr.	Marilou	RENALES
Prof.	Monika A	RIEGER
Dr.	Andrei viktorovich	RIKUNOV
Mr.	Jani Henrik	RUOTSALAINEN
Dr.	Pouné	SABERI
Mr.	Florentino Zosimo	SANCHEZ AGUILAR
Prof.	Riitta Sinikka	SAUNI
Dr.	Marie-Noelle	SCHMICKLER
Mrs	Jennifer Rose	SERFONTEIN
Dr.	Sandeep	SHARMA
Dr.	Sujit Rakesh	SHUKLA
Dr.	Ramin	TABIBI
Prof.	F.J.H.	VAN DIJK
Dr.	Katherine M.	VENABLES
Dr.	Jos H.A.M.	VERBEEK
Mrs	Joan	VISSER

Dr.	Axel	WANNAG
Dr.	Aseni	WICKRAMATILLAKE
Prof.	Min	ZHANG
Dr.	Muzimkhulu	ZUNGU
Dr.	Marja Kristiina	MUKALA
Dr.	Kajiki	SHIGEYUKI
Prof.	Andreas	SEIDLER
Dr.	Go	MUTO
Dr.	Priyanka	ROY
Dr.	Victor CW	HOE
Dr	Jayakumar	DEVASIGAMONEY
Ms	Vishnupriya	IYER



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 9 February 2024

Submitted by SC: **Epidemiology in Occupational Health**

Name of Chair: Laura Beane Freeman

Year of Appointment: 2021

Email address: freemala@mail.nih.gov

Name of Secretary: Sara DeMatteis

Year of Appointment: 2021

Email address: sara.dematteis@unimi.it

SC Website URL (if available): <http://www.icoh-epicoh.org/> (Note: We are in the process of migrating this website and the URL will likely change)

Other SC Means of Communication: Regular email communication

Focus and aim of the SC: EPICOH provides a forum for the discussion of problems unique to the study of health and work. With membership open to occupational epidemiologists and other scientists worldwide, EPICOH provides a variety of forums for discussions, critical reviews, collaborations and education on issues of occupational exposures and their human health effects.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Word Trade Centre, Mumbai, India

Date: 03/15/2023

Number of attendees:: 40+

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	29th Symposium on Epidemiology in Occupational Health				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	March 14-17, 2023				
Venue:	Word Trade Centre, Mumbai, India and online				
Organizers:	Ashish Mishra, Uniliver Bish Paul, Procter and Gamble				
Co-organizers and Collaborators: Please identify and describe roles	Indian Association of Occupational Health Joint symposia were also hosted with following ICOH SCs: <ul style="list-style-type: none">• ICOH SC on Rural Health: Agriculture, Pesticides and Organic Dusts• ICOH SC Occupational Health and Development• ICOH SC Mining Occupational Safety and Health• ICOH SC on Occupational Health in the Chemical Industry• ICOH SC on Musculoskeletal Disorders				
Number of participants:	300+				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:	The abstracts were published in a special issue of <i>Occupational and Environmental Medicine</i> , the official journal of EPICOH and are available at : https://oem.bmj.com/content/80/Suppl_1				
Book of selected proceedings:					

Special issue of peer reviewed journals:	
Assessment of success / impact:	<p>This was the first EPICOH event hosted in India. Given the effects of the pandemic, the attendance in person was excellent. In addition, there were opportunities for participation from around the world via online attendance. In particular, there was a focus on engaging early career researchers.</p> <p>In addition, as the meeting approached, the request to join EPICOH increased dramatically, primarily from ICOH members in India.</p>

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

The EPICOH secretary contributed as expert consultant to the WHO Report: Human health effects of benzene, arsenic, cadmium, nickel, lead and mercury: report of an expert consultation. Copenhagen: WHO

Regional Office for Europe; 2023. Licence: CC BY-NC-SA 3.0 IGO. (available at <https://www.who.int/europe/publications/i/item/WHO-EURO-2023-8983-48755-72523>).

Also, she is the Director of the WHO Collaborating International Centre for Rural Health at the Saint Paul University Hospital in Milan

(<https://apps.who.int/whocc/Detail.aspx?ufu3QP3RVEzBT69hWi7Vw==>)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Any other points of relevance:**PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027****Planned Scientific Contributions to the ICOH2024 Congress:**

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

There were 100+ abstracts assigned to EPICOH to review. EPICOH Management Committee Members, including Laura Beane Freeman, Sara DeMatteis, Mary Schubauer-Berigan, Paul Demers, Ann Olsson, Michelle Turner and Rajiv Jain were joined by EPICOH members Hans Kromhout, Malcolm Sim, and Bish Paul.

We will hold an EPICOH business meeting in conjunction with the ICOH2024 Congress. We are awaiting word from ICOH about when and where we will be able to host the meeting and would welcome the opportunity to host a hybrid meeting for those members not attending ICOH in person.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

- We have revived our Early Career Research Network, which is now planning multiple activities geared toward researchers within 5 years of their terminal degrees.
-

Planned Activities:

- EPICOH Early Career Conference: November 4-5, 2024 Barcelona, Spain
- 30th Symposium on Epidemiology in Occupational Health (EPICOH) meeting, October or November, 2025, Utrecht, the Netherlands
- Planned webinars open to the public on epidemiologic methods specific to occupational epidemiology and other webinars. Dates TBD.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

We are currently making initial arrangements for the 2025 EPICOH meeting in Utrecht, the Netherlands. We often collaborate with other SCs to host symposia or joint sessions and will consider doing this moving forward.

We are about to solicit bids to host the EPICOH meeting in 2026.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

We are currently in the process of investigating how to migrate our website into a more sustainable platform. While ICOH does provide monetary support that can be used to host the website, there are issues about the actual hosting platform and who can sign a document or contract.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work *during* the current Triennium. You may want to note anticipated impact. Give examples where possible.)

During this Triennium, EPICOH has attempted to pivot and expand access to events via online platforms. While our preferred method of interaction is in-person, the adoption of electronic visual communications is anticipated to broaden our reach further.

By hosting the EPICOH 29th symposium in Mumbai, in India, we expanded the reach of the SC, and increased the number of members worldwide. It is anticipated that the revival of the Early Career Researchers Network, which was paused during the pandemic, will have long-lasting effects on global occupational health as it seeks to recruit and engage

early career researchers in conducting meaningful research to improve occupational health around the world. We believe that occupational epidemiology can significantly help increasing awareness on occupational health risks in low middle income countries where exposure levels are expected to be the highest.

PART V - Evaluation of this SC Final Report form

- ☒ x This form is acceptable
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

Please see attached Excel spreadsheet

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:

None

Title	First Name	Last Name
Dr.	Sofie AM	ACKE
Prof.	Wolfgang	AHRENS
Dr.	Issaka Yakubu	AKPARIBO
Ms	Maria	ALBIN
Prof.	Bruce Hart	ALEXANDER
Dr.	José Hernan	ALFONSO
Dr.	Victoria Helen	ARRANDALE
Prof.	Giorgio	ASSENNATO
Dr.	Marissa gayl	BAKER
Dr.	Laura Elizabeth	BEANE FREEMAN
Prof.	Paul	BLANC
Dr.	Ciarán	BOHANE
Dr.	Cécile R.	BOOT
Dr.	Merete	BUGGE
Dr.	Alex	BURDORF
Dr.	Johnny Hugo	CALDERON VARGAS
Dr.	Geoffrey Mc Call	Calvert
Dr.	Michele	CARUGNO

Prof.	Ta Yuan	CHANG
Dr.	Pau-Chung	CHEN
Dr.	Nicola	CHERRY
Dr.	Apurba Krishna	CHOWDHURY
Prof.	Stefania	CURTI
Dr.	Bhavin	DAVE
Prof.	Rafael E.	DE LA HOZ
Prof.	Sara	DE MATTEIS
Prof.	Antoon	DE SCHRYVER
Dr.	Paul Arthur	DEMERS
Dr.	Nikunj Kumar Ashokbhai	DESAI
Prof.	Alexis	DESCATHA
Prof.	Timothy	DRISCOLL
Dr.	Elia L.	Enriquez
Dr.	Ayman Ekram	FAHIM
Prof.	Marco	FERRARIO
Prof.	Linda Susan	FORST
Dr.	Deborah Catherine	GLASS
Dr.	Sabrina	GRAVEL
Dr.	Caroline	GROTH
Prof.	Tee Lamont	GUIDOTTI
A/P	Rima	Habib
Dr.	Johnni	HANSEN
Dr.	Abdul aziz bin	HARITH
Dr.	Rajiv Kumar	JAIN
Dr.	Ashish Vijay	JAIN
Dr.	Olaf Chresten	JENSEN
Prof.	Bobby	JOSEPH
Dr.	Amar Nitin	KAPADIA
Dr.	Francine	KAUFFMANN
Dr.	Sibel	Kiran
Prof.	Akio	KOIZUMI
Dr.	Henrik Albert	KOLSTAD
Dr.	Ratnakar govind	KOYANDE
Prof.	David	KRIEBEL
Dr.	Hans	KROMHOUT
Dr.	Srmena	KRSTEV
Dr.	France	LABRECHE
Prof.	Sverre	LANGARD
Dr.	Nicole	LE MOUAL
Ms	Annette	LECLERC
Dr.	Annet	Lenderink

Dr.	Stefano	Mattioli
Prof.	Damien Martin	MCELVENNY
Dr.	Ingrid Sivesind	MEHLUM
Dr.	Norvil Antonio	MERA CHU
Dr.	Ashish	MISHRA
Dr.	Alberto	MODENESE
Prof.	Guido F.	MOENS
Dr.	Jinyoung	MOON
Dr.	Shlomo	MOSHE
Dr.	Diego	MOYA-ZELEDON
Prof.	Custodio	MUIANGA
Dr.	Nisha	NAICKER
Dr.	Govinda	NARKE
Mrs	Ntombizodwa	NDLOVU
Dr.	Evangelia	NENA
Mr.	Jean Théodore	NGOS
Dr.	Karl-Christian	NORDBY
Mr.	Nsikan Sunday	NYAUKO
Dr.	Enrico	ODDONE
Dr.	Ann Carina	OLSSON
Dr.	Peter	ORRIS
Dr.	Francisco	PALENCIA-SANCHEZ
Dr.	Bishwadeep Manoj	PAUL
Prof.	Neil E.	PEARCE
Dr.	Siva santosh kumar	PENTAPATI
Dr.	Angela Cecilia	PESATORI
Dr.	Susan	PETERS
Dr.	Shyam	Pingle
Prof.	Stefano	PORRU
Prof.	Laura	PUNNETT
Prof.	Margaret	QUINN
Dr.	Thirumalai	RAJGOPAL
Dr.	Christopher	RENNIX
Dr.	Juan ignacio	RINCON
Dr.	Imad a.k.	SABER
Dr.	Rajat Kumar	SAHA
Dr.	Joel abraham	SAMUEL
Dr.	Vivi	SCHLUNSEN
Dr.	Mary Katherine	SCHUBAUER-BERIGAN
Ms	Julia	SECO ORRIOLS
Dr.	Shrinivas Murlidhar	SHANBHAG
Mr.	Amit	SHARMA

Dr.	Vandana	SHINDE
Prof.	João Silvestre	SILVA JR.
Prof.	Malcolm	SIM
Dr.	Kurt H.	STRAIF
Dr.	Loubna	TAHRI
Dr.	Sahajanand	THAKAR
Prof.	Kjell	Toren
Dr.	Ashish Akshay	TRIVEDI
Prof.	Lap Ah	TSE
Dr.	Michelle catherine	TURNER
Prof.	Allard	VAN DER BEEK
Dr.	Martie Josephus Amoldus	VAN TONGEREN
Dr.	Mohammed abbas	VIRJI
Prof.	David H.	WEGMAN
Prof.	Ignatius Tak Sun	YU



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 4 February 2024

Submitted by SC: **History of Prevention of Occupational and Environmental Diseases**

Name of Chair: Paul Blanc

Year of Appointment: 2018

Email address: Paul.Blanc@ucsf.edu

Name of Secretary: Kjell Torén

Year of Appointment: 2018

Email address: Kjell.Toren@amm.gu.se

SC Website URL (if available):

Other SC Means of Communication:

Focus and aim of the SC: See previous reports

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Durban

Date: **Thursday November 16th 2023 16.00**

Number of attendees: 8

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	The 7th International Conference on the History of Occupational and Environmental Health was organized by the Scientific Committee on the History of Prevention of Occupational and Environmental Diseases of the International Commission on Occupational Health (ICOH)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x				
Date:	15-17 November 2023				
Venue:	Durban				
Organizers:	University of KwaZulu-Natal				
Co-organizers and Collaborators: Please identify and describe roles					
Number of participants:	100 participants from 20 countries				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					

Assessment of success / impact:	<p>The 7th International Conference on the History of Occupational and Environmental Health was organized by the Scientific Committee on the History of Prevention of Occupational and Environmental Diseases of the International Commission on Occupational Health (ICOH). Held at the University of KwaZulu-Natal from the 15-17 November 2023, the conference was the first since the planned 2020 Conference was cancelled due to the COVID-19 pandemic. The conference theme “Occupational and Environmental Health: At the Crossroads of Migrations, Empires and Social Movements” brought together occupational and environmental medicine specialists, epidemiologists, social scientists and historians under the same roof to debate the issues facing workers and communities in their struggle for a healthier life. The scientific programme focused on the migration of workers in various time periods, the interconnections of empires, public health in post-colonial periods, and the role of trade unions and other social movements in occupational and environmental health. The evolution of occupational and environmental health especially in Africa, as well as globally, was addressed.</p> <p>This was the first time the conference was held on the African continent, and was attended by approximately 100 delegates from about 20 countries. There were over 50 presentations given by participants from every continent, with the majority of these from African delegates. In the pages that follow, abstracts from our keynote, lead, oral and poster presenters are available to the readership of the journal, and internationally.</p> <p>The journal, the official conference publication was a conference sponsor.</p>
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

We aim to have the 8th ICOH Committee of the History of Prevention of Occupational and Environmental Disease Scientific Conference in 2026. The Chair and Secretary were tasked to provide more details on the proposed venue

and organizing committee for this event at Committee business meeting in Marrakesh. Our tentative approach is to have it arranged in Leuven, Belgium

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations ***other than*** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

☐ This form is acceptable

☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

AIZAWA	Yoshiharu
BAZAS	Theodore
BLANC	Paul
BOHANE	Ciarán
BORN	Stephen C.
CAILLARD	Jean-François
CHEN	Chung-yen
DAS	Rupali
FANO	Daniela
FINGERHUT	Marilyn Ann
GOMES	Rodrigo Pereira
HIRDI	Henriett Eva
IAVICOLI	Sergio
JAIN	Rajiv Kumar
JAKOBSSON	Kristina Margareta
JAYARAMAN	Makeshwaran
KAKAMU	Takeyasu
KANG	Seong-Kyu
KNAVE	Bengt
LUM	Max Robert

MATSUSHITA	Toshio
MENDES	René
MENENDEZ- NAVARRO	Alfredo
MESSINEO	Agostino
MORALES CAMINO	Jorge Alberto
NAIDOO	Rajen nithiseelan
PHOON	Wai-On
PIEKARSKI	Claus
RAPAS	Liliana
RINGEN	Knut
RIVA	Michele Augusto
ROY	Priyanka
STAUN	Julie M.C.
TOREN	Kjell
VENABLES	Katherine M.
VERNOOY	Alfons
WEEL	André N.H.
WERNER	Antonio Federico
YILDIZ	Ali Naci

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
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Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

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(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 31 January 2024
Submitted by SC: **Indoor Air Quality and Health**

Name of Chair: Prof. Kenichi Azuma
Year of Appointment: June 2022
Email address: azuma@tamateyama.ac.jp

Name of Secretary: Prof. Heidi Johanna Salonen
Year of Appointment: June 2022
Email address: heidi.salonen@aalto.fi

SC Website URL (if available): - WEB-site at Milan University has been maintained by former chairman Prof. Paolo Carrer. The site is planned to be more active and with invitation to SC members to contribute scientific publications.

<https://www.dibic.unimi.it/ecm/home/collaborazioni-internazionali/icoh>

Other SC Means of Communication:

Focus and aim of the SC:

Workers employed in the non-industrial building sector (offices, banks, schools, etc.) account for the major part of the labour force in many countries; further, the age of the

working force is anticipated to increase. Effects on health, well-being, and work performance on so-called office workers are reported with high prevalence despite modern building technology, advanced ventilation, the use of low-emitting construction products, and electronic devices. Thus, the indoor air quality (IAQ) in non-industrial buildings continues to be an issue of concern, also in view of potential synergies with psychological and psychosocial stressors. This is because it deals with workers providing services of the highest relevance for the companies/communities/schools and deteriorated performance is costly for the society. Thus, the concern about IAQ in office-like buildings is important, not only from the perspective of health and well-being, but also from the point of work performance and ability to learn, e.g. in schools. Inadequate IAQ may ultimately result in absenteeism and associated diseases. Thus, it is highly relevant to understand indoor environmental, personal and occupational risk factors and their potential interplay causing the prevalence of poor IAQ complaints, symptoms and associated sickness absence, and deteriorated work performance and learning.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: virtually by mailing list

Date: May 20–30, 2022

Number of attendees: 32 members

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 8 August 2022

2) Business meeting:

Venue: Kuopio, Finland (Indoor Air 2022 international conference)

Date: June 15, 2022

Number of attendees: Kenichi Azuma (chair), Heidi Salonen (secretary), Paolo, Carrer

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 8 August 2022

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	Workshop: Integrated evaluation and management of indoor air quality in modern office buildings, Indoor Air 2022 international conference https://indoorair2022.org/workshops/				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X		X		
Date:	15 June 2022				

Venue:	University of Eastern Finland, Kuopio, Finland
Organizers:	Finnish Society of Indoor Air Quality and Climate, The University of Eastern Finland
Co-organizers and Collaborators: Please identify and describe roles	International Society of Indoor Air Quality and Climate
Number of participants:	10-15 participants
Publication or provision of CD/DVD proceedings:	Indoor Air 2022 Proceedings page https://isiaq.org/indoor_air_2022_proceedings_pa.php/%22
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Mizukoshi A, Hojo S, Azuma K, Mizuki M, Miyata M, Ogura H, Sakabe K, Tsurikisawa N, Oshikata C, Okumura J. Comparison of environmental intolerances and symptoms between patients with multiple chemical sensitivity, subjects with self-reported electromagnetic hypersensitivity, patients with bronchial asthma, and the general population. *Environmental Sciences Europe* 2023;35:32.
<https://doi.org/10.1186/s12302-023-00735-2>.

Mizukoshi A, Okumura J, Azuma K. A COVID-19 cluster analysis in an office: Assessing the long-range aerosol and fomite transmissions with infection control measures. *Risk Analysis* 2023;1–17. <https://doi.org/10.1111/risa.14249>

Wolkoff P. Indoor air humidity revisited: Impact on acute symptoms, work productivity, and risk of influenza and COVID-19 infection. *Int J Hyg Environ Health* 2023;256:114313. doi: 10.1016/j.ijheh.2023.114313.

Andersson A.M, Vornanen-Winqvist C, Koivisto T, Varga A, Mikkola R, Kredics L, and Salonen H. Composition of culturable microorganisms in dust collected from sport facilities in Finland during the COVID-19 pandemic. *Pathogens*. 2023, 12(2): 339. <https://doi.org/10.3390/pathogens12020339>

Andersson A.M, Varga A, Mikkola R, Vornanen-Winqvist C, Salo J, Kredics L, Kocsubé, Salonen H. Aspergillus was the dominant genus found during diversity tracking of potentially pathogenic indoor fungal isolates. *Pathogens*. 2022, 11, 1171. <https://doi.org/10.3390/pathogens11101171>

Lu T., Lü X., Salonen H., Zhang Q. (2022) Novel hybrid modeling approach for utilizing simple linear regression models to solve multi-input nonlinear problems of indoor humidity modeling. *Building and Environment*, 180, 106958. <https://doi.org/10.1016/j.buildenv.2022.108856>

Tähtinen K, Alapieti T, Vornanen C, Salonen H. Suomen koulurakennusten rakenteiden nykykunto. Rakennusfysiikkaseminaari (Building Physics Seminar), 2023 . Teoksessa Vinha J. & Raunima T. (toim.) Rakennusfysiikka 2023. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut 24.–26.10.2023, Tampere. Tampereen yliopisto, Rakennustekniikka, Rakennusfysiikka. Seminaarijulkaisu 8, 185–191. ISBN: 978-952-03-3117-7

Hostikka S, Castagnoli E, Janardhan R.K, Torrö R, Jhatial T, Mikkola R and Salonen H. Production of heat and harmful products from cooktop fires and overheated materials. The Nordic Fire and Safety Days 2022.

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

None

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

- IARC/WHO Working Group of Volume 131 of the IARC Monographs on the carcinogenicity of “Cobalt Metal (without Tungsten Carbide) and Cobalt (II) Salts, Weapons-Grade Tungsten (with Nickel and Cobalt) Alloy, and Antimony Trioxide”, the

WG meeting was held on 2-18 March 2022, Lyon, France (meeting held remotely) (K Azuma).

<https://monographs.iarc.who.int/iarc-monographs-meetings/>

- First WHO/Europe Indoor Air Conference. World Health Organization Regional Office for Europe and Geneva Health Forum. the conference was held on 20 September 2023, Bern, Switzerland (meeting held on-site and remotely, hybrid) (K Azuma).

<https://indoorairconference.genevahealthforum.com>

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

- Participation in joint symposium organized by the Taiwan Society of Indoor Environmental Quality (TSIEQ), the Korean Society for Indoor Environment (KOSIE), and the Society of Indoor Environment, Japan (SIEJ). The symposium was held on 1 December 2022, Tokyo, Japan

<https://confit.atlas.jp/guide/event/siej2022/top> (in Japanese)

Any other points of relevance:

None

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

- Free paper abstract session: Indoor Air Quality and Health

Organisers: Heidi Salonen, Kenichi Azuma, Paolo Carrer

Abstract reviewers: Heidi Salonen, Kenichi Azuma, Paolo Carrer

- Business meeting

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

- Special session at ICOH 2027 in Mumbai, India, 14–19 February 2027

- Free paper abstract session at ICOH 2027 in Mumbai, India, 14–19 February 2027

- Business meeting at ICOH 2027 in Mumbai, India, 14–19 February 2027

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

None, yet, planned.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

None, yet, planned.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

None, yet, planned.

Any other points of relevance:

None

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

We had a scientific workshop in Indoor Air 2022 conference and our members have published several scientific papers related to indoor air quality and health during the current Triennium. We participated in the WHO IARC working group and the WHO conference. In addition, two researchers added in our SC as new member. Our SC activities have been overall successful.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members
Name:

Email address:

Members who left the SC since the submission of the SC Midterm Report:
Name:

Email address:



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Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 26 February 2024

Submitted by SC: **Industrial Hygiene**

Name of Chair: Rosa Maria Orriols

Year of Appointment: 2021

Email address: rosemarieorriols@gmail.com

Name of Secretary: Steven Verpaele

Year of Appointment:

Email address: SVerpaele@nickelinstitute.org

SC Website URL (if available):

Other SC Means of Communication:

Focus and aim of the SC: Industrial Hygiene

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Virtual

Date: 21. Nov . 2023

Number of attendees: 0

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:					
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	21 Nov. 2023				
Venue:	BIOLOGICAL AGENTS; An underexamined risk factor in Occupational Hygiene				
Organizers:	ICOH SC (Rosa M. Orriols, Yucel Demiral, Stefan Varpeale)				
Co-organizers and Collaborators: Please identify and describe roles	European Platform Occupational Hygiene Asociacion Española de Higiene Industrial (Rudolf Van Harr)				
Number of participants:	70				
Publication or provision of CD/DVD proceedings:	No				
Book of abstracts:	No				
Book of selected proceedings:	No				
Special issue of peer reviewed journals:	No				
Assessment of success / impact:					

(2) Name of the event:					
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	28 Oct.				
Venue:	Medical College of New York				
Organizers:	ICOH SC Health Workers				
Co-organizers and Collaborators: Please identify and describe roles	ICOH SC Women ISSA				
Number of participants:	70				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:					

(3) Name of the event:	CISAE 23				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	16 June-18 June				
Venue:	Panama University				
Organizers:	University Panama				
Co-organizers and Collaborators: Please identify and describe roles					

Number of participants:	500
Publication or provision of CD/DVD proceedings:	Yes
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

GENERAL ASSAMBLY.

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations ***other than*** conferences.)

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Determinants of environmental exposures and gender perspective in Health Sector Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

9-14 March Barcelona Join Conference

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

9-14 March Barcelona with Health workers, Women and + 3

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Women in Global Health, European platform of Industrial Hygiene, all the spanish associations

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work *during* the current Triennium. You may want to note anticipated impact. Give examples where possible.)

Our committee is absolutely inactive except Kate Jones and Yucel Demiral.
Plus of 50% are in NON GS.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)**SC Members****Name:****Email address:****Members who left the SC since the submission of the SC Midterm Report:****Name:****Email address:**



**ICOH 2022-2024 TRIENNium
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period February 2022 – February 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe.

The SC Final Report covers the period February 2022 – February 2024.

Please submit it no later than to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: February 5, 2024

Submitted by SC: **Mining Occupational Safety and Health**

Name of Chair: Jinky Leilanie Lu

Year of Appointment: 2022

Email address: jinky_lu@yahoo.com

Name of Secretary: Muchtaruddin Mansyur

Year of Appointment: 2022

Email address: muchtaruddin.mansyur@ui.ac.id

SC Website URL (if available): icoh-minosh.com

Other SC Means of Communication: email and zoom

Focus and aim of the SC:

The Scientific Committee (SC) Mining Occupational Safety and Health (MinOSH) provides a rich platform for theoretical and methodological approaches in mining research and advocacies. It encourages both the science of research and the art of communications for policy statements and advocacies in order to promote occupational safety and health (OSH) in mining.

The thrust of MinOSH activities is aimed to be multi-sectoral (involving large, middle and small scale industries, and their workers), multi-disciplinary (involving all disciplines such as medicine, occupational health and safety, allied health, industrial hygiene, social scientists, and engineering, among others), multi-level (both country-

specific and international in nature), and multi-strategic (research, advocacy, extension work, and program/ policy-oriented).

MinOSH also encourages networking and meetings of various stakeholders to promote ideas and share knowledge and experiences about workers and workplace health and safety promotion worldwide. It covers a wide array of groups in both large and small scale mining, formal and informal sectors, as well as the most vulnerable group such as the small scale miners, women and children involved or affected by mining.

MinOSH Objectives and Activities

Specifically, MinOSH's main objectives are:

1. To promote occupational safety and health in mining globally and locally.
2. To produce scientific knowledge on mining, and its risks and challenges.
3. To build a repository of resources for use as guide for basic health services in mining.
4. To provide a rich forum for exchanges of ideas, research outputs and best practices in mining.
5. To positively influence policies on mining worldwide through advocacies at international bodies such as the United Nations, World Health Organization, and the International Labor Organization.
6. To promote collaboration among various international scientific organizations on mining.

MinOSH Activities Include:

1. To disseminate information concerning mining OHS.
2. To provide support to members on mining occupational health and safety (OHS) interventions and trainings.
3. To improve occupational health services in mining by sharing knowledge and best practices.
4. To publish articles on mining OHS.
5. To create a Mining OHS toolkit as guide for basic health services.
6. To contribute scientifically to conferences, symposiums, seminars, among others.
7. To support efforts to reduce mercury exposure and its impact on humans, with special emphasis on vulnerable populations.
8. To provide information on artisanal gold mining and other materials and successful practical interventions for miners, children, communities, and health professionals.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: February 2022 – February 2024

1) Business meeting: MINOSH

Venue: Zoom

Date: **January 12, 2024**

Number of attendees: 6

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

2) Business meeting: MINOSH

Venue: Zoom

Date: **July 5, 2023**

Number of attendees: 8

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

3) Business meeting: MINOSH

Venue: Zoom

Date: **March 22, 2023**

Number of attendees: 7

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

4) Business meeting: MINOSH

Venue: Zoom

Date: **November 23, 2022**

Number of attendees: 7

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

5) Business meeting: MINOSH

Venue: Zoom

Date: **July 20, 2022**

Number of attendees: 10

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

6) Business meeting: MINOSH

Venue: Zoom

Date: **March 30, 2022**

Number of attendees: 10

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	JASHC UNACOH/ 3RD MINOSH INTERNATIONAL CONFERENCE				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
Date:	September 21-23, 2022				
Venue:	Kampala, Uganda				
Organizers:	16 TH JOINT MAKERE AND 28 TH UNACOH ANNUAL SCIENTIFIC HEALTH CONFERENCE And 3 rd MINOSH International Conference				
Co-organizers and Collaborators: Please identify and describe roles	MAKERE AND 28 TH UNACOH ANNUAL SCIENTIFIC HEALTH CONFERENCE Both organizations conducted- Planning and organization of programme; Dissemination of conference ; Scientific reviews of abstracts; identification of keynote speakers, plenary and parallel session speakers				
Number of participants:	About 300 (from local organizers)				
Publication or provision of CD/DVD proceedings:	MinOSH Communication No. 2022 – 83				
Book of abstracts:	Hard copy from local organizers				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	Planning and to come up in Acta Medica Philippina				
Assessment of success / impact:	<p>Very successful; 5-star rating (see narrative below: MINOSH had a Plenary Session, 2 Parallel Sessions, 1 Workshop, 4 Keynotes in Plenary & 1 in Parallel Session, and a Virtual Session which ran from 7:00AM to 6:00PM Uganda time. It was a full-packed feature of OSH in mining; sharing of both evidence-based researches and ground-level advocacies on mercury-free mining; and a mixture of intellectual pursuit and social networking rolled into one.</p> <p>The keynote speakers talked on mercury-free mining, OSH and silicosis in Uganda, health effects of mercury exposures, OSH in mining in various countries, and Vision Zero Accident in Mining. There were also young impressive medical</p>				

	<p>practioners from various parts of Africa in the parallel session that presented rigorous researches in mining, showing how foreign-funded and collaborative studies with institutions abroad can birth, mentor and groom local scholars for a dedicated path in health, research and development in their own local country. Indeed, the saying, "The young are the future of society." Some young attendees have also applied for MINOSH membership.</p> <p>MINOSH International Conferences are now held jointly with national/ local conferences, not a stand-alone Conference, as part of its thrust and vision for wider institutional and sectoral partnership in scientific gatherings. In that way, international conferences bring out grassroot-level realities and OSH awareness nearer where it is needed- across borders, across-countries, and across cultures. At the same, this allows local conferences to gain international visibility and recognition.</p> <p>The Workshop on Silicosis and ILO Classification (supported by ILO Geneva with the radiograph sets) conducted by our MINOSH execom member Prahlad Sishodiya is most palpable. It was attended by 20 medical doctors, though the stipulated maximum capacity was only for 10 persons, Through this training, it is not only the medical doctors that were helped but moreso, the Ugandan miners, who would otherwise die or get worse with misdiagnosis. Just imagine how many patients could be helped by 20 doctors multiplied by the course of their medical practice over the years. With that, MinOSH through this valuable training session has accomplished one of its goals.</p> <p>The Tiira Summit, organized by a Danish NGO, Dialogos, contiguously to ours, on Sept 18-20, 2022 was also linked to our Conference. The Summit in Tiira, Uganda, some hours from Kampala, was held for the demonstration and Mini-symposium discussion of a mercury free gold extraction method for Artisanal Small Scale Gold Miners, under Free Your Mine Project in Busia District Uganda. Both the Conference workshop and the Tiira summit were made free of charge.</p> <p>As a way forward, Erik Jors, our previous Chair, is proposing for the establishment of a "Forum of OSH in Mining in Uganda", and this can even be a "Forum of East African Countries" to include Kenya, Zimbabwe, DR Congo, Tanzania, as the mining sector is expanding in these countries.</p>
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(2) Name of the event:	23rd World Congress on Safety and Health at Work				
Type of event (please check):	Conference X	Seminar	Workshop	Course	Other
Date:	Nov 26- Dec 1, 2023				
Venue:	Sydney, Australia				
Organizers:	Harm Prevention in Mining				
Co-organizers and Collaborators: Please identify and describe roles	International Labour Organization (ILO) International Social Security Association (ISSA) SafeWork New South Wales Stated organizations conducted – Planning and organization of programme; Dissemination of conference; Scientific reviews of abstracts; identification of keynote speakers, plenary and parallel session speakers				
Number of participants:	About 3000 from all over the world				
Publication or provision of CD/DVD proceedings:	https://safety2023sydney.com/sites/default/files/2023-11/The%20World%20Congress%20Final%20Programme%20November%202023-compressed_1%20%281%29_1.pdf				
Book of abstracts:	To be released by organizers				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	successful-; informative- from participants				

	<p>To quote, the following were the features:</p> <p>“Keynote Speakers</p> <p>Three leaders, three perspectives: a workplace injury survivor, a business strategist, and a futurist - be inspired and motivated.</p> <p>Symposia + Technical Sessions</p> <p>Browse and explore 30 symposia and 6 technical sessions covering critical topics in occupational safety and health - join the conversation.</p> <p>Technical Tours</p> <p>Check out these free on-site, behind-the-scenes tours hosted by some of Sydney’s leading businesses in occupational health and safety practices and systems.”</p> <p>And there was a special collaboration in a Plenary Session between ICOH_MINOSH and ISSA Mining of Germany which was well attended by participants from all over the world.</p>
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(3) Name of the event:	MINOSH / ISSA Mining WEBINAR No.5 and No.6 <i>“Beyond Compliance towards a Preventive Culture by VISION ZERO – a Global Strategy for Safety, Health and Wellbeing”</i> Part 2: Part 2: February 15, 2023 at 18.30-21.30 Hrs. (Jakarta time)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					webinar
Date:	Feb 15, 2022				
Venue:	Zoom platform				
Organizers:	MINOSH and ISSA (International Social Security in Mining) Mining				
Co-organizers and Collaborators: Please identify and describe roles	ILO International Social Security Association, and SafeWork New South Wales As stated-				

Number of participants:	275 registered participants from 52 countries (in Africa, Asia, Europe, Middle East, North, Central, and South America).				
Publication or provision of CD/DVD proceedings:	https://www.youtube.com/watch?v=ffn4t-NrQEI				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	successful-; informative- from participants				
(6) Name of the event:	ICOH-MinOSH Series of Webinars Webinar 4 The Promise and Potential Consequences of Screening Tests for Early Detection of Silicosis and Silico-tuberculosis				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					webinar
Date:	September 28, 2022				
Venue:	Zoom platform				
Organizers:	MINOSH				
Co-organizers and Collaborators: Please identify and describe roles	MINOSH- Organized the content of the webinar; invited speakers; and disseminated the webinar to stakeholders				
Number of participants:	158 registrants coming from 28 countries (10 African, 6 each from Asia and Europe, 3 from South America, 2 from North America, and Australia).				
Publication or provision of CD/DVD proceedings:	https://www.youtube.com/watch?v=4Y_KgsbjsM				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	successful-; informative- from participants				

(7) Name of the event:	ICOH-MinOSH Series of Webinar Webinar 3 Update on Silicosis Detection and Relief - Sharing Experiences June 29, 2022				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					webinar
Date:	June 29, 2022				
Venue:	Zoom platform				
Organizers:	MINOSH				
Co-organizers and Collaborators: Please identify and describe roles	MINOSH- Organized the content of the webinar; invited speakers; and disseminated the webinar to stakeholders				
Number of participants:	359 registrants in our webinar today from 48 countries, specifically, 14 African countries, 11 European countries, 9 Asia, 9 American countries, 4 ME countries and from Australia				
Publication or provision of CD/DVD proceedings:	https://www.youtube.com/watch?v=nu9mZPt3JG8				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	successful-; informative- from participants				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: February 2022 - February 2024

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Please see below. Others Still being discussed- possible two position papers (Silica Exposure and TB by Perry Gottesfeld and Marilyn Fingerhut on UN-HLM, and the silica-countertops OSH intervention

1. Political Declaration on the High-Level Meeting on the Fight Against Tuberculosis
“Advancing science, finance and innovation, and their benefits, to urgently end the global tuberculosis epidemic, in particular by ensuring equitable access to prevention, testing, treatment and care.”
2. Position Statement: ICOH Good Association Practice Guideline: The case of the lead industry (International)
3. Political Declaration of the High-level Meeting on Universal Health Coverage
“Universal Health Coverage: Moving Together to Build a Healthier World”
4. UN experts urge ILO to back safe and healthy work conditions as a ‘fundamental’ right
5. Joint IOHA, ICOH, IEA Statement on the Recognition of Safety and Health as a Fundamental Principle and Right at Work
6. ICOH calls for a strong global effort to promote occupational safety and health strategies to prevent TB in high-risk worker populations

See Annex B.1. for further information.

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

1. 23rd World Congress on Safety and Health at Work in Sydney, Australia on Nov 26- Dec 1, 2023
2. Special Session in the 2023 EPICOH (Epidemiology of Occupational Health), SC of ICOH, held in the World Trade Center, Mumbai, India on February 15-17, 2022.

Our presenters were-

1. Dr. Prahlad Sisodiya, (Directorate, Dept of Social Justice and Empowerment, Rajasthan), "Prevalence of silicosis in stone carving and sandstone mining industry in Rajasthan"
2. Dr Paul Blanc (University of California, San Francisco , USA), “Resurgence of Occupational Disease from Dust Inhalation in New and Familiar Work Settings - Coal, Silica, and Novel Toxicants."
3. Dr Ade Dwi Lestari (Indonesia), "Overview: Current Situation Occupational Asbestosis Related Diseases in Indonesia"

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

UN Meeting on UN Declaration on TB in September 2023; intent for participation and lecture by Perry Gottesfeld (co-chair of subcommittee on Silica Dust Exposure and TB

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

UNACOH in Kampala, Uganda -ongoing (started from the Conference in Uganda)

ISSA-Mining in Europe- ongoing (started with webinar series)

Dialogos in Denmark (started with the Tiira Summit and the Conference in Uganda)

Any other points of relevance:

All stated above

**PART III - SC PLANS for the ICOH2024 Congress and for the second half of the triennium:
February 2022 – February 2024**

Planned Scientific Contributions to the ICOH2024 Congress:

(*If already available*, provide specific information: e.g. list title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

1. ICOH 20204 MINOSH Special Session during the34th International Congress on OH in Marrakesh, Morocco. See Details below:

ICOH2024 Special Session

Adverse human health and safety impacts of chemical use to small-scale miners, and their households and community, and Interventions

Special Session Title:

Adverse human health and safety impacts of chemical use to small-scale miners, and their households and community, and Interventions

Summary of Special Session:

The Special Session will cover the wide-ranging adverse health effects of exposures to chemicals such as mercury and cyanide commonly used in formal and informal mining, either regulated or outside the purview of regulation of the government. The small-scale miners are directly exposed to these chemicals, they bring home the toxins in their clothes, bodies or equipment; even their breath contains the vapors that can be inhaled by household members. Women/wives and children who may be involved in the process carried out in the backyard can also be exposed to these deadly chemicals.

Chair of Special Session:

Jinky Leilanie Lu

jinky_lu@yahoo.com

#1 Speaker

Erik Jørs

joers@rsyd.dk

Odense University Hospital; Clinical Institute University of Southern Denmark

Department - Clinic of Occupational and Environmental Medicine

Odense, Denmark

Other contributing authors:

Omar Huici - NGO Plagbol, La Paz, Bolivia

Margrethe Smith - NGO Dialogos, Ålborg, Denmark

Chris Kuylentierne - NGO Dialogos, Copenhagen, Denmark

#2 Speaker

Paul Musa Obadia

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Université de Lubumbashi

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Lubumbashi, Democratic Republic of the Congo

Other contributing authors:

Joseph Pyana Kitenge, Trésor Carsi Kuhangana, Remy Mpulumba Badiambile, Taty

Muta Musambo, Malick Useni Mutayo , Jeef Numbi Mukanya , Radu-Corneliu Duca,

Matteo Creta, Tony Kayembe Kitenge, Maria-Mirela Ani, Célestin Banza Lubaba Nkulu,

Benoit Nemery

#3 Speaker

Stefan Rakete

stefan.rakete@med.uni-muenchen.de

University Hospital LMU Munich

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Munich, Germany

Other contributing authors:

Stephan Böse-O'Reilly

#4 Speaker

Helmut Ehnes

h.c.ehnes@gmx.net

ISSA Mining, I President

ISSA VISION ZERO Steering Committee I Chairperson

Germany

#5 Speaker

Joséphine Singo

josephinesingo2@gmail.com

PhD student, University of Munich,

LMU, Switzerland

2. Abstract reviewer of Free papers in Mining in the 2024 ICOH Congress

3. Presenting author	Title
Christian Yala, Strata Industrial Limited	PREVENTION AND CONTROLS FOR SILICOSIS DISEASE IN THE POZZOLANA MINING QUARRY SITE.

Manti Michael	REDUCING SILICA DUST EXPOSURES IN SMALL-SCALE TANZANITE MINING IN NORTHERN TANZANIA
Cas Badenhorst	PHYSICAL AND FUNCTIONAL ASSESSMENT SCREENING - A KEY TOOL TO DESIGN SAFE AND HEALTHY WORK IN THE MINING INDUSTRY
Perry Gottesfeld, Occupational Knowledge International.	HEALTH RISKS FROM CLIMATE FIX: OCCUPATIONAL HEALTH IMPLICATIONS OF ELECTRIC VEHICLES AND BATTERY STORAGE
Margrethe Smidth	AN INTERVENTION TO IMPROVE HEALTH AMONG SMALL-SCALE GOLD MINERS IN NICARAGUA BY ELIMINATING THE USE OF MERCURY
DINGANI MOYO	IMPROVING ACCESS TO OCCUPATIONAL HEALTH SERVICES IN ARTISANAL AND SMALL SCALE MINERS. LESSONS LEARNT FROM ZIMBABWE
Jose Mendez	PROMOTING CARDIOVASCULAR HEALTH IN CHILEAN MINING INDUSTRY USING A TAILORED DIGITAL REPORT
Aimé Francois Tchicaya	EPIDEMIOLOGICAL STUDY OF NOISE-INDUCED HEARING DISORDERS AMONG MINING WORKERS IN GUINEA, 2018-2022
Thuthula Balfour	IMPACT OF LONG COVID-19 ON EMPLOYEES OF SELECTED COMPANIES IN THE SOUTH AFRICAN THE MINING INDUSTRY

3. Proposing for a Business Meeting of MINOSH in Marrakesh, Morocco

Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

1. Planned business meeting 3-4 times a year via zoom, and during the ICOH mother congress, and proposed MINOSH International Conferences
2. Webinar on OSH Harmonization Training in April 2024 via zoom to be led by Muchtarrudin Mansyur
3. Webinar on Dust Exposure in SSM in Sept 2024 via zoom to be led by Erik Jors
4. Webinar to SSM in Africa in last quarter of 2024 via zoom to be led by Stephan Bose O'Reilly
5. Proposed 4th International MINOSH Conference in Jakarta, Indonesia in 2025
6. Proposed 5th MINOSH International Conference in Manila, Philippines in 2027

Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Continue collaboration with SC EPICOH, and other possible SCs (for continued discussions and for initiating discussions)

2022-2024 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

1. Continue collaboration with UNACOH in Africa, ISSA-Mining in Europe, and Dialogos in Denmark
2. MINOSH is partnering with ISSA Mining as well in its webinars, advocacies and International Conferences

Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

1. Continue on these- UN Meeting on UN Declaration on TB in September 2023; intent for participation and lecture by Perry Gottesfeld (co-chair of subcommittee on Silica Dust Exposure and TB)
2. Also, continue with zero-mercury use in mining as a commitment of various signatory states to the Minamata Convention
3. To come up with Position papers on Safety and Well-being in Mining with ISSA-Mining
4. Formation of the Forum of OSH in Mining in Uganda, and then to become and enlarge as the Forum on OSH in Mining in East African Countries to include Kenya, Zimbabwe, DR Congo, Tanzania

Any other points of relevance:

1. -Journal Special Issue on Mining from our members
2. -4th International MINOSH Conference sometime in 2025
3. -Continue with webinars of MINOSH- to explore gas and oil; alternative technologies for safer mining; OSH in small scale mining; OSH in large scale mining; among others
4. -Open a bank account of MINOSH (through ICOH procedures)

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review past events, activities and deliverables, and provide an assessment of the SC outputs.

-Please see above as already stated (above assessments per category and/or per conference/webinar/ etc)

SC Midterm Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **prior to** the current Triennium. Give examples where possible.)

-Please see previous report of MINOSH as well ((above assessments are per category and/or per conference/webinar/ etc)

Mining Occupational Safety and Health (MINOSH), one of the Scientific Committees (SC) of the International Commission on Occupational Health (ICOH), has conducted conference/s, webinars, and joined in other ICOH related conferences inside and outside our umbrella organizations, put up policy and advocacy statements at the international arena, as well as partnered with other International and National Organizations, including a rise in our MINOSH membership. The accomplishment report includes a list of our accomplishments, not only to take pride in our collective efforts in the triennium, but likewise to encourage us all members of MINOSH the more to do even more.

We have done 4 webinars for the triennium well attended by participants from all over the world; an international Conference in Kampala, Uganda; several business meetings, several minosh communications to members and execom; and relevant international Policy Statements. We have also collaborated with SC EPICOH, attended and represented MINOSH in the History of Occupational Health Conference in Durban, as well as networked with ISSA Mining Vision Zero, specifically in the Sydney Conference in December 2024 on Safety and Health at Work.

Moving forward, MINOSH needs newer and bolder strategies to continue to advance safety and health, and well-being, in the highest possible form, for all workers- in the formal and informal sectors, blue or white-collar jobs, in clean and dirty industries, locally and internationally through various means- advocacy, training, research, policy statements, that should be recognized and adopted by national governments and international bodies. In fact, we have done so, at the United Nations with the adoption of our OSH statement in the UN TB Declaration.

MINOSHs needs to continue to stir up as well your commitment as MINOSH members, maybe, through collaboration in your national congresses, or producing OSH materials relevant to your sectors, among other more endeavors, or sharing resources, e.g. training materials, journal publications for our website and/or dissemination to MINOSH, proposing policy and advocacy statements for ICOH to adopt and/or endorse, since our membership in MINOSH has the expertise and experience in occupational safety and health.

Moving forward, MINOSH commits to promoting occupational safety and health in mining within the overarching principles of justice, equity, and fairness, within the rubric of professionalism and integrity across cultures, cross-countries, and beyond local boundaries.

PART V - Evaluation of this SC Final Report form

- ☐ **Yes- This form is acceptable**
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Email address:

Please see attached (to be forwarded separately)

Name	Surname
Okon	Akiba
Eduardo	Algranti
Peter	Appel
Elías	Apud
Cas	Badenhorst
Thuthula	Balfour-Kaipa
Khanyile	Baloyi
Nguyen	Bich Diep
Stephan	Bose-O'Reilly
Bryan	Boudreau-Trudel
Lars	Brandt
Lage	Burström
Emanuele	Cauda
Banza Lubaba Nkulu	Célestin
Rafael	Cervantes
Alex	Chipara
Edith	Clarke
Reynaldo	Concha Maureira
Guido	Condarco
Joseph	Costelloe
Nancy	Coulson

John	Courtar
Maximilien	Debia
Anara	Doolotova
Olivier	Doutres
Nguyen	Duy Bao
Felix Enrique	Echevarría Reymer
Moussa	El Hadji Dicko
Kaj	Elgstrand
Eman A.	Ellabany
Marilyn	Fingerhut
Frank	Fox
Jane	Frølund Thomsen
Janvier	Gasana
Perry	Gottesfeld
Gabriela	Gracia
Stéphane	Hallé
Raul	Harari
Florencia	Harari
John	Head
Daniel	Jiménez-Espinoza
Tushar K	Joshi
Erik	JORS
Abdoul	Kader Toure
Onyimbo	Kerama
Spo	Kgalamono
Keitany	Kibor Kipkemoi
Oyuntogos	Lkhasuren
Jinky Leilanie	Lu-CHAIR
Sophia Francesca	Lu
Winnie Rabera	Makokha
Muchtaruddin	Mansyur-SECRETARY
Luz Stella	Marin
Leigh	McMaster
Aristides	Medard
José Ignacio	Méndez Campos
Donna	Mergler
Bente Elisabeth	Moen
Alejandro	Morales
Dingani	Moyo
Connard	Mwansa
Sylvie	Nadeau
Ben	Nemery
Princila	Ngorora
Vera	Ngowi
Valérie Tuyêt-Mai	Ngô
Vusumuzi	Nhlapho
Vincenzo	Nicosia

Claudina	Nogueira
Jairos	Nzvimba
Charles	Odhiambo
Norman	Olembo
Esteban	Oñate
Mário	Parreiras de Faria
Musa	Paul
Michaela V.	Pfeiffer
Jan	Pienaar
Douglas	Potter
Hannu	Rintamaki
Viktoriya	Rodionova
Mary	Ross
Rudolf	Schierl
Vivi	Schlinssen
Gopolang	Sekobe
Andrea	Shaw
David	Sherson
Prahlad Kumar	Sishodiya
Margrethe	Smidth
Hannes	Struyweg
Anna	Suraya
Orgil	Tsogtsaikhan
Ludwig	Vinches
Jérémie	Voix
Marcus	Wichmann
Elida	Wilfred Macha
Dorothy	Xozumti
Thuthula	Balfour
Vishal	Gosavi
Boy	Hidayat
Jen Fuk	Lien
Sean	Young
Gerdus	van der Westhuizen
Vishnumohan	Janardhanam
yonatal	Mesfin
Marsh	Nigel
Singo	Josephine
Young	Cheryl
Yassi	Annalee
Phiri	Kitso
Thokozile	Phiri Nkhoma
No details	
Christian	Yala
Samuel	Tetpsopgang
Ehnes	Helmut
Jacob	Mutua

Bruce	Cosgrove
Mirella Lourdes	Bernal Suarez
Victor Christian	Rodriguez Garcia
Jean	Mitchell
Ouattara	Kader Abel
Samantha	Iyaloo
Oluusola	Sogbesan
Member-no details	
Joshua	Garcia
Georges	Kalenga Ilunga
Yohama Caraballo-Arias	
Dr. Dave Knight	
Aaron	Sussell
Talal	Alanazi
Gogillan	Sevaratnam
Rogelio O.	Garcia, Jr., MD, DPCOM, FRIOSHM, CSP, MPH
Claudia-Mariana	Handra
Lou Anthony	Sico
Pyana Kitenge	Joseph
Fred	Musoke
Nayab	Sultan
Sudheer	Kumar
Nyembo	Muyumba Jean-Jacques
Harun	Alrasyid
Ade	Dwi Lestari
Banza Ilunga	Meschack
Nzagi Raphael	Matobera
Maureene	Ondayo
Robina	McCann
Amit	Sharma
Nyembo Munumba	Jean-Jacques



ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 5th February 2024

Submitted by SC: **Musculoskeletal Disorders**

Name of Chair: Dr. Deepak Sharan

Year of Appointment: 2022

Email address: drdeepaksharan@yahoo.com

214, Dunmore Block, Raja Aristos Apartment, 145/1

Kammanahalli Main Road, Bangalore 560076,

Karnataka, India.

Phone: +91-9845155449, 7676499396

Name of Secretary: Prof. Sougata Karmakar

Year of Appointment: 2022

Email address: karmakar.sougata@gmail.com

Dept. of Design, Indian Institute of Technology (IIT) Guwahati

Near Amingaon Guwahati-781039,

Assam, India.

Phone: +91-8011403513

SC Website URL (if available): <https://www.icohweb.org/site/scientific-committee-detail.asp?sc=12>

Other SC Means of Communication: SC MSD members are notified at irregular intervals via the mailing list, e.g. about news for upcoming conferences, announcements or other events which might be interesting for the members of the SC, as well as collaborative opportunities.

Focus and aim of the SC:

- To contribute to science on the topic of musculoskeletal disorders and occupational health
- To develop consensus criteria on relevant issues for the prevention and managing of musculoskeletal disorders in the occupational setting, feasible at international level.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) **Business meeting:** Business Meeting held as a part of the PREMUS 2023 conference
Venue: Hall 5, ST. JOHN'S MEDICAL COLLEGE, St. John's National Academy of Health Sciences,

Koramangala, Bengaluru), India.

Date: September 23, 2023 (Saturday), from 4:45 pm to 6 pm (Indian Standard Time/IST)

Number of attendees: 21

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 15th October 2023

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	PREMUS, WDPI, & MYOPAIN 2023 The 11th PREMUS, 6th WDPI & 11th Myopain International conference				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	20-26 September 2023 September 20-21, 2023: Pre-conference Workshops. September 22-24, 2023: Main Conference. September 25-26, 2023: Post-conference Workshops				
Venue:	St. John's Medical College, Bengaluru, Karnataka, India				

Organizers:	Organizer- Recoup Health
Co-organizers and Collaborators: Please identify and describe roles	Indian Myopain Society, Indian Ergonomics School, EPM International Ergonomics School, and The National Association of Software and Service Companies
Number of participants:	250+
Publication or provision of CD/DVD proceedings:	The recorded videos of the main conference and pre & post conference workshops have been uploaded on the conference website. https://www.premus2023.com/vod
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	Abstracts and selected full papers have been allotted a DOI and are being published in the Indian Journal of Occupational and Environmental Medicine-IJOEM (ISSN-0973-2284). The journal 'Ergonomics' is bringing out a special issue comprising selected papers from the conference.
Assessment of success / impact:	The conference theme was "Prevention of Musculoskeletal Disorders in the New Ways of Working". More than 250 participants including Scientists, academics, and student, clinicians, ergonomists, policy makers, advocate, general public and media personnel across the globe attended the conference. Total 10 Keynote speeches, 15 parallel oral sessions / symposia / workshops and 2 poster sessions were conducted. Pre-conference workshops were organized on 20 th and 21 st September 2023 and post-conference workshops happened on 25 th and 26 th September 2023 during PREMUS 2023 international conference. The IEA Technical Committee on Informal Work organized a Round-Table on "Global Perspectives on the Ergonomics of Informal Work", where ISE and ICOH experts participated and Clive D'Souza (representing HFES, USA) moderated. Business Meeting of the SC-MSDs was held on 23 rd September 2023 in hybrid mode as a part of the conference. Innovation awards were declared under different categories for the contestants from the pioneering startups, healthcare entrepreneurs, researchers, and teams combating WRMSDs and Work Disability. Cash prize of \$30,000 each to the 1st Place Winner and \$10,000 each to the 2 Runners Up were given under each innovation award category. As 3 different international conferences namely 11th PREMUS, 6th WDPI & 11th Myopain International

	<p>conference jointly organised, it attracted participants from different countries. Various national and international organizations (International Ergonomics Association (IEA), International Myopain Society, Federation of Indian Chamber of Commerce & Industry, Indian Society of Ergonomics, Indian Association of Occupational Health, Indian Society of Lifestyle Medicine, All India Occupational Therapist Association, and Indian Rheumatology Association) extended their support in organizing these joint-conferences.</p> <p>This joint conferences were of grand success in disseminating knowledge and best practices related to Work-related Musculoskeletal Disorders; Work, Disability, Prevention and Integration; and Myofascial Pain Syndrome and Fibromyalgia Syndrome.</p>
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Plan for book publication

1. A textbook titled ‘Work-Related Musculoskeletal Disorders in the New Ways of Working: Pathophysiology, Diagnosis, Management, and Prevention’ of 1000-1500 pages (with each section of 200-300 pages) is under preparation. It has been planned to be published by 2024. The Editor of the books is Deepak Sharan, and the sub-editors are Mary Barbe, Daniela Colombini, and Enrico Occhipinti.
2. A book titled ‘Understanding Work-Related Musculoskeletal Disorders in the New Ways of Working’ dealing with Prevent Repetitive Strain Injuries, Cumulative Trauma Disorders, and Occupational Overuse Syndrome in Today’s Workplaces etc. about 500 pages will be published by Dr. Deepak Sharan (Chief-Editor) in 2024. This book comprehensively examines the key topics that office workers must understand to prevent common work-related musculoskeletal disorders (WRMSDs). From ergonomics and body mechanics to self-care strategies, this book covers

everything you need to know to maintain physical health and well-being in remote, hybrid and non-traditional work environments.

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide the event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

- SC-MSDs collaborated/ participated in the 29th International Symposium on Epidemiology in Occupational Health (EPICOH-2023, www.epicoh2023.in) hosted by 'Indian Association of Occupational Health (IAOH), Mumbai Branch' at the World Trade Centre, Mumbai, India during 14-17 March 2023 (www.epicoh2023.in). Dr Deepak Sharan, Chairperson, Scientific Committee on Musculoskeletal Disorders, International Commission on Occupational Health, delivered an invited plenary lecture on "Updates in health surveillance programmes for work-related musculoskeletal disorders" on March 16, 2023. He also chaired a scientific session on Musculoskeletal Disorders.
- SC- MSDs collaborated with SC- Work Disability Prevention and Integration (WDPI) to jointly organize the 11th PREMUS and 6th WDPI international conferences during September 20-26, 2023.
- Free Paper Session titled 'Work-Related Musculoskeletal Disorders - The New Ways of Working and Prevention Among Informal Workers' during the ICOH2024 Congress will be organized jointly by SC on MSDs and SC on OHSSEIS.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

- THE SOUTH AFRICAN SOCIETY OF OCCUPATIONAL MEDICINE (SASOM): Dr Deepak Sharan, Chairperson, Scientific Committee on Musculoskeletal Disorders, International Commission on Occupational Health, presented an invited lecture on "New Digital Tools in the Assessment and Management of Work-related Musculoskeletal disorders" during its Annual Congress on September 29, 2023.

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

- SC-MSDs has planned a free paper/ abstract session ‘Work-related musculoskeletal disorders in the new ways of working’ of 1.5 hour duration for the ICOH2024 Congress, Marrakesh, Morocco.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:**PART IV - Assessment of Success of the SC and Impact on Global Occupational Health**

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The SC-MSD is the largest scientific committee on work-related musculoskeletal disorders, with over 100 members currently. It organized various conferences/

seminars/ symposiums to promote and disseminate research into state-of-the-art interventions to prevent musculoskeletal disorders at work. It encourages its members to explore research collaborations to address gaps in knowledge about work-related MSDs. Sc-MSD's triennium international conference PREMUS (International Scientific Conference on the Prevention of Work-Related Musculoskeletal Disorders) was organised for the 11th time from 20-26 September 2023 in Bengaluru, India. This conference also hosted two other international conferences: the 6th WDPI & and the 11th Myopain International Conference. More than 250 participants from 45 countries attended the conference, where 20 Keynote speeches, more than 130 sessions, along with 20 pre & post conference workshops were conducted.

Besides its good number of existing members, new members are joining this SC-MSD, indicating its good outreach among international communities. The members of the SC – MSDs regularly participate in different national and international conferences/symposiums, workshops, and training programs. Many of the members are publishing their research work in international journals. Sc-MSD's next triennium international conference, PREMUS-2025, will be held in Germany under the leadership of Prof. Dr Monika A. Rieger.

PART V - Evaluation of this SC Final Report form

- ☒ X This form is acceptable
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members:

Title	First Name	Last Name	Country
Dr.	Miguel	ACEVEDO	Chile
Dr.	Sergio	ALMAGUER	Mexico
Dr.	Benjamin Cleveland	AMICK	USA
Mrs	Gema	AREVALO ALONSO	United Kingdom
Dr.	Adriana Jardim	ARIAS PEREIRA	Brazil
Prof.	Thomas J.	ARMSTRONG	USA
Dr.	Elizabeth	Barba Ortega	Peru
Dr.	Denis	BARNABY	Peru

Prof.	Lope hugo	BARRERO	Colombia
Dr.	Fathi	BEN LARBI	Tunisia
Dr.	Edmond	BEREJENA	Zimbabwe
Dr.	Annechien	BEUMER	The Netherlands
Prof.	Roberta	BONFIGLIOLI	Italy
Prof.	Mark G.	BOOCOCK	New Zealand
Prof.	Sandra	BROUWER	The Netherlands
Dr.	Cinthya fiorella	BUSTAMANTE	Peru
Dr.	Alberto	CABAN-MARTINEZ	USA
Dr.	Carlos	CAMPOS	Brazil
Dr.	Sunisa	CHAIKLIENG	Thailand
Dr.	Katia Maciel	COSTA-BLACK	USA
Prof.	Alexis	DESCATHA	France
Dr.	Diana vanda d.	DODA	Indonesia
Dr.	Bradley Alan	EVANOFF	USA
Dr.	Almahir	FERDOUS	Bangladesh
Dr.	José Jesus	FRANCIA ROMERO	Peru
Prof.	Monique	FRINGS-DRESEN	The Netherlands
Dr.	Shirish H.	GANDHI	India
Dr.	Somnath	GANGOPADHYAY	India
Dr.	Luis roberto adolfo	GARCIA GIRON	Guatemala
Dr.	Tirthankar	GHOSH	India
Prof.	Mats	HAGBERG	Sweden
Dr.	Seunghon	HAM	Republic of Korea
Dr.	Olga	ISHTERYAKOVA	Russian Federation
Prof.	Dongmug	KANG	Republic of Korea
Dr.	Sougata	KARMAKAR	India
Dr.	Dae Hwan	KIM	Republic of Korea
Dr.	Youngki	KIM	Republic of Korea
Dr.	Andreas	KLIPSTEIN	Switzerland
Prof.	André	KLUSSMANN	Germany
Dr.	Alkinoi	KRIKELLA	Greece

Dr.	P. Paul F.M.	KUIJER	The Netherlands
Dr.	Sudjoko	KUSWADJI	Indonesia
Dr.	Thomas	LAEUBLI	Switzerland
Dr.	Philippe	LANDTMETERS	Belgium
Ms	Annette	LECLERC	France
Dr.	Wendy Anne	MACDONALD	Australia
Dr.	Kishore Purshottam	MADHWANI	India
Dr.	Nicole	MAJERY	Luxembourg
Dr.	Stefano	Mattioli	Italy
Dr.	Luis	MAZON	Spain
Prof.	Guido F.	MOENS	Belgium
Dr.	Lesley Alicia	MORALES CHUMACERO	Peru
Dr.	Shlomo	MOSHE	Israel
Dr.	Minori	NAKATA	Japan
Prof.	Katsuo	NISHIYAMA	Japan
Dr.	Enrico	OCCHIPINTI	Italy
Dr.	Valerie	O'KEEFFE	Australia
Dr.	Patricia	PADILLA	Colombia
Dr.	Miriam Esther	PANDURO	Peru
Dr.	Jung-Keun	PARK	Republic of Korea
Dr.	Paula maria	PENA SALGUERO	Spain
Dr.	Guilherme Pietro Bom	PEROZIN	Brazil
Dr.	Mirko	PEZOA	Peru
Dr.	Hugo	Piedrahita	Colombia
Mr.	Luiz Cesar	PRACA	Brazil
Prof.	Glenn S.	PRANSKY	USA
Prof.	Laura	PUNNETT	USA
Dr.	Wilder Erick	RABANAL	Peru
Dr.	Joshua Samuel	RAJKUMAR	India
Dr.	David Michael	REMPEL	USA
Prof.	Monika A	RIEGER	Germany
Mr.	Paul	ROTHMORE	Australia
Dr.	Noer Triyanto	RUSLI	Indonesia
Dr.	Emma	SALA	Italy

Dr.	Marian	SALVATIERRA	Argentina
Mr.	Luvin Luke	SCARLETT	Jamaica
Dr.	Maya	SETYAWATI	Indonesia
Dr.	DEEPAK	SHARAN	India
Dr.	Vandana	SHINDE	India
Dr.	Prahlad kumar	SISHODIYA	India
Dr.	Gisela	SJØGAARD	Denmark
Prof.	Jaechul	Song	Republic of Korea
Dr.	Juan Carlos	SOTO	Mexico
Dr.	Divya	SRINIVASAN	USA
Ms	Carlien	STRAAT	The Netherlands
Dr.	Milena	TABANSKA- PETKOVA	Bulgaria
Dr.	Claudio Hernan	TABOADELA	Argentina
Dr.	Norihide	Tachi	Japan
Dr.	Nabyla	TITRI	Canada
Dr.	Ricardo Antonio	TURENKO BECA	Brazil
Dr.	Hector	UPEGUI	Germany
Prof.	Allard	VAN DER BEEK	The Netherlands
Dr.	H.F.	VAN DER MOLEN	The Netherlands
Dr.	Kaj Bo	VEIERSTED	Norway
Prof.	Francesco Saverio	VIOLANTE	Italy
Dr.	Morten	WÆRSTED	Norway
Prof.	David H.	WEGMAN	USA
Dr.	Aseni	WICKRAMATILLAKE	Sri Lanka
Dr.	Byeong Jin	YE	Republic of Korea
A/P	Jangwhon	YOON	Republic of Korea
Dr.	Doohee	YOU	Switzerland

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
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Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

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(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 2 February 2024

Submitted by SC: **Nanomaterial Workers' Health**

Name of Chair: Ivo Iavicoli

Year of Appointment: 2022

Email address: ivo.iavicoli@unina.it

Name of Secretary: Michael Riediker

Year of Appointment: 2022

Email address: michael.riediker@scoeh.ch

SC Website URL (if available): <http://www.icohnanomaterial.com>

Other SC Means of Communication: Periodical communications by e-mail.

Focus and aim of the SC:

Focus

ICOH initiated the SC to focus on workers who are the first people in society to be exposed to the potential hazards of nanotechnology.

Aims

- 1) Need to learn the extent of implementation of precautionary nanotechnology guidance worldwide, so that in places where there is poor compliance, measures can be taken to increase the awareness, acceptance, and utilization of the guidance;
- 2) Need to develop and disseminate information on precautionary approaches to protect nanotechnology workers in companies.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) **Business meeting:** None

Venue:

Date:

Number of attendees:

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.: None

(Please use a table for each event description; please delete blank tables)

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

1: Bocca B, Battistini B, Leso V, Fontana L, Caimi S, Fedele M, Iavicoli I. Occupational Exposure to Metal Engineered Nanoparticles: A Human Biomonitoring Pilot Study Involving Italian Nanomaterial Workers. *Toxics*. 2023 Jan 26;11(2):120. doi: 10.3390/toxics11020120. PMID: 36850996; PMCID: PMC9962841.

2: Leso V, Battistini B, Vetrani I, Reppuccia L, Fedele M, Ruggieri F, Bocca B, Iavicoli I. The endocrine disrupting effects of nanoplastic exposure: A systematic review. *Toxicol Ind Health*. 2023 Nov;39(11):613-629. doi: 10.1177/07482337231203053. Epub 2023 Sep 27. PMID: 37753827.

3: Schulte PA., Leso V, Iavicoli I. Responsible development of emerging technologies: extensions and lessons from nanotechnology for worker protection. *JOEM* (submitted)

Collaborative activities with other ICOH SCs:

We have collaborated with Scientific Committee on occupational Toxicology in the organizing the next 12th International Symposium on Biological Monitoring in Occupational and Environmental Health that was held on June 21 - 23, 2023 in Porto, Portugal as you find at the following link: <https://www.isbm12.com/home>.

Participation and support to WHO – ILO meetings and/or publications:

None

Collaboration with non-ICOH organizations:

None

Any other points of relevance:

None

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

A special session on “Nanomaterial Workers' Health: State of the art, perspectives, and challenges” is planned and accepted to the ICOH2024 Congress. The session will be chaired by prof Ivo Iavicoli with contributions of the following speakers: Michael Riediker, Ivo Iavicoli, Irina Guseva Canu and Paul A. Schulte.

Furthermore Ivo Iavicoli, as Chair of the SC, will be speaker at the special session on “Occupational safety and Health and Decent Work” with the following contribution: “New forms of work and innovative technologies: opportunities and challenging issues for the future of decent work”

Triennium 2024-2027 Planned business meetings, conferences, seminars:

We will have the next business meeting at the 34th International Congress on Occupational Health 2024.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

None at the present.

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

None at the present.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

None at the present.

Any other points of relevance:

None

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

The success of the SC and its influence in improving global occupational health is demonstrated by the past publications that are receiving interest from the scientific community as demonstrated by the downloads of the articles in the journals in which they were published and by the citations.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

	NAME
1	Arevalo Alonso Gema
2	Baptiste Didier
3	Bergamaschi Enrico
4	Chavera Bianchi Carlos Jose
5	Chia Sin Eng
6	Colautti Maria Cecilia
7	Conti Marcelo Enrique
8	De Hoyos Claudia
9	Di Gioacchino Mario
10	Eerdekenes Karine
11	Fontana Luca
12	Guseva Canu Irina
13	Hons Luc

14	Iavicoli Ivo
15	Leso Veruscka
16	Madhwani Kishore
17	Mutti Antonio
18	Orriols Rosa M.
19	Pallapies Dirk
20	Pelclova Daniela
21	Pelizza Ernesto
22	Ricci Maximo Rafael
23	Riediker Michael
24	Rydzynski Konrad
25	Savolainen Kai M.
26	Schulte Paul A.
27	Sekobe Gopolang
28	Shibata Yasushi
29	Thomas Stephen
30	Ursini Cinzia L.
31	Wolff Henrik

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:

None



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

**The SC Final Report covers the period March 2023 – January 2024.
Please submit it no later than January 1, 2024 to:**

Vice President: Claudina Nogueira claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 2 February 2024

Submitted by SC: **Occupational and Environmental Dermatoses**

Name of Chair: Dr. Jose Hernán Alfonso

Year of Appointment: 2022

Email address: Jose.Alfonso@stami.no

Name of Secretary: Prof. Dr. Swen Malte John

Year of Appointment: 2018

Email address: sjohn@uos.de

SC Website URL (if available):-

Other SC Means of Communication:-

Focus and aim of the SC: To improve prevention of occupational skin diseases at all levels from primary to tertiary prevention. Occupational skin diseases comprise a wide spectrum from irritant and allergic contact dermatitis to occupational skin cancer, e.g. by UV radiation. In many countries, they are the most frequent occupational disease.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	“Occupational and Non-occupational Skin Cancer: A Persisting Global Burden” Multi-Stakeholder Summit hosted by EADV, ILDS and GlobalSkin				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x				
Date:	12 October 2023				
Venue:	32. EADV Congress in Berlin, Germany, CityCube Berlin, Messedamm 26, 14055 Berlin, Germany				
Organizers:	SM John, M Augustin				
Co-organizers and Collaborators: Please identify and describe roles	EADV, ILDS and GlobalSkin				
Number of participants:	<200				
Publication or provision of CD/DVD proceedings:	The complete event recording is available at www.hautnetz-hamburg.de/eadv-summit (Password: eadv2023).				
Book of abstracts:	-				
Book of selected proceedings:	-				
Special issue of peer reviewed journals:	-				
Assessment of success / impact:	High impact, high success				

(2) Name of the event:	Hybrid meeting of the EADV Task Force on Occupational Skin Diseases at the EADV congress in Berlin, Germany				
	Conference	Seminar	Workshop	Course	Other

Type of event (please check):	x				
Date:	Friday, 13th October 2023, 10:00-12:00 Berlin time				
Venue:	32. EADV Congress in Berlin, Germany, CityCube Berlin, Messedamm 26, 14055 Berlin, Germany				
Organizers:	SM John				
Co-organizers and Collaborators: Please identify and describe roles	EADV				
Number of participants:	24				
Publication or provision of CD/DVD proceedings:	-				
Book of abstracts:	-				
Book of selected proceedings:	-				
Special issue of peer reviewed journals:	-				
Assessment of success / impact:	High Impact, high success				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

1. Russo JP, Alfonso JH., Nardelli A. (2023). **Work-Related and Occupational Hand Eczema (OHE), Diagnosis and Treatment.** In: Giménez-Arnau, A.M., Maibach, H.I. (eds) Handbook of Occupational Dermatoses. Updates in Clinical Dermatology. Springer, Cham. https://doi.org/10.1007/978-3-031-22727-1_10

2. **Alfonso JH** (2023). **International Standards for Prevention of Occupational Dermatoses**. In: Giménez-Arnau, A.M., Maibach, H.I. (eds) Handbook of Occupational Dermatoses. Updates in Clinical Dermatology. Springer, Cham. https://doi.org/10.1007/978-3-031-22727-1_8
3. Sidhu A, **Holm JØ, Bergersen TK, Alfonso JH** (2023) **Prevalence and clinical outcome of contact allergy to methylisothiazolinone/methylchloroisothiazolinone in Southern-East Norway: A retrospective case-study** Contact Dermatitis, 88 (6), 499-501 DOI [10.1111/cod.14308](https://doi.org/10.1111/cod.14308), PubMed [36942378](https://pubmed.ncbi.nlm.nih.gov/36942378/)
4. Østerhus IN, Lier T, Steineger JE, Martinsen KHB, Aronsen HH, **Alfonso JH** (2023) **[A child with periorbital swelling]** Tidsskr Nor Laegeforen, 143 (4) DOI [10.4045/tidsskr.22.0434](https://doi.org/10.4045/tidsskr.22.0434), PubMed [36919299](https://pubmed.ncbi.nlm.nih.gov/36919299/)
5. **Alfonso JH**, John SM, Wittlich M, Modenese A (2023) **ICOH Scientific Committees “Occupational and Environmental Dermatoses” and “Radiation and Work” collaborate in a national project in Portugal for the prevention of the solar radiation risk and UV-inflicted skin cancers in outdoor workers** [ICOH Newsletter Vol21 No2 SCR&W OED.pdf \(unimore.it\)](https://www.unimore.it/~oed/Newsletter_Vol21_No2_SCR&W_OED.pdf)
6. Babic Z, Hallmann S, Havmose, Johansen J, John SM, Symanzik C, Uter W, Weinert P, van der Molen H, Kezic S, Macan J, Turk R (2023) Genotoxicity of oxidative hair dye precursors: A systematic review. Human and Experimental Toxicology 42: 1-13. doi: 10.1177/09603271231159803
7. Bauer A, Pesonen M, Brans R, Caroppo F, Dickel H, Dugonik A, Larese Filon F, Geier J, Gimenez-Arnau AM, Napolitano M, Patruno C, Rustemeyer T, Simon D, Schuttelaar MLA, Spiewak R, Stingeni L, Vok M, Weisshaar E, Wilkinson M, Valiukeviciene S, Uter W (2023) Occupational contact allergy: The European perspective-Analysis of patch test data from ESSCA between 2011 and 2020. Contact Dermatitis 88(4):263-274.
8. Bill V, Wilke A, Sonsmann, F, Rocholl M (2023) What is the current state of research concerning self-efficacy in exercise behaviour? Protocol for two systematic evidence maps. BMJ Open 13 (8): e070359. doi: 10.1136/bmjopen-2022-070359
9. Bill V, Wilken-Fricke L, Paetow W, Skudlik C, Sonsmann FK, Wilke A (2022) Wie Stress und Haut zusammenwirken: Gesundheitspsychologische Interventionen in der berufsdermatologischen Rehabilitation. Dermatologie in Beruf und Umwelt 70 (3): 106-119. doi:10.5414/DBX00421
10. Brans R, John SM, Wilke A, Hübner A (2023) Programme for prevention of foot dermatoses in patients with work-related skin diseases: Baseline data and first results of a prospective cohort study (OCCUPES). Contact Dermatitis 89(4): 259-269. doi: 10.1111/cod.14400
11. Brans R (2023) Promising results for treatment of severe chronic hand eczema with dupilumab. Br J Dermatol 189(4):360-361.
12. Brans R, Werner S, Obermeyer L, Hansen A, Altenburg C, Nienhaus A (2023) Allergic contact dermatitis to accelerators in rubber gloves marketed as accelerator-free. Contact Dermatitis 89(1):65-68.
13. Brans R, Schröder-Kraft C, Bauer A, Weisshaar E, Skudlik C, Geier J, IVDK (2023) Contact sensitizations in massage therapists with occupational contact dermatitis: Patch test data of the Information Network of Departments of Dermatology, 2008-2020. Contact Dermatitis 88(1):43-53.
14. Brans R, Bauer A, Becker D, Dickel H, Gina M, Häberle M, Heratizadeh A, Krohn S, Mahler V, Nestoris S, Skudlik C, Weisshaar E, Geier J (2023) Auswirkung einer arbeitsbedingten Kontaktallergie gegen N-Isopropyl-N'-phenyl-p-phenylendiamin bei der BK 5101. Dermatologie in Beruf und Umwelt 71(3):90-95

15. Brans R, Bauer A, Becker D, Dickel H, Gina M, Häberle M, Heratizadeh A, Krohn S, Mahler V, Nestoris S, Skudlik C, Weisshaar E, Geier J (2023) Auswirkung verschiedener Kombinationen arbeitsbedingter Kontaktallergien gegen Gummihaltstoffe (Thiurame/ Dithiocarbamate, Benzothiazole, 1,3-Diphenylguanidin und N-Isopropyl-N'-phenyl- p-phenylendiamin) bei der BK 5101. *Dermatologie in Beruf und Umwelt* 71(3):96-101
16. Brans R, Bauer A, Becker D, Dickel H, Gina M, Häberle M, Heratizadeh A, Krohn S, Mahler V, Nestoris S, Skudlik C, Weisshaar E, Geier J (2023) Auswirkung einer arbeitsbedingten Kontaktallergie gegen Thiurame/Dithiocarbamate bei der BK 5101. *Dermatologie in Beruf und Umwelt* 71(2):67-75
17. Brans R, Bauer A, Becker D, Dickel H, Gina M, Häberle M, Heratizadeh A, Krohn S, Mahler V, Nestoris S, Skudlik C, Weisshaar E, Geier J (2023) Auswirkung einer arbeitsbedingten Kontaktallergie gegen Benzothiazole bei der BK 5101. *Dermatologie in Beruf und Umwelt* 71(2):76-81
18. Brans R, Mahler V (2023) What should be considered during epicutaneous patch testing? *Allergo J Int* 2023; 32. doi.org/10.1007/s40629-023-00243-y. Online ahead of print
19. Frank S, Schnell-Inderst P, Dungal, P, Frank RP, Wolfgang P, Stücker J, Rappold, V, John SM, Skudlik C, Symanzik C (2023) Hautreinigungs-, Hautschutz- und Hautpflegeverhalten von Beschäftigten im Gesundheitsdienst: eine empirische Untersuchung in einem österreichischen Unfallkrankenhaus. *Dermatologie in Beruf und Umwelt* 71(4): 146-164.
20. Geier J, Dickel H, Schröder-Kraft C, Gina M, Simon D, Weisshaar E, Lang C, Brans R, Bauer A, Löffler H, Schubert S (2023) IVDK. 2,4,6-Tris(dimethylaminomethyl)phenol: The allergen which came in from the cold. *Contact Dermatitis* 88(4):316-318.
21. Geier J, Brans R, Weisshaar E, Wagner N, Szliska C, Heratizadeh A, Schubert S (2023) IVDK. Contact sensitization to benzisothiazolinone: IVDK-data of the years 2002 to 2021. *Contact Dermatitis* 88(6):446-455
22. Geier J, Brans R, Weisshaar E, Wagner N, Szliska C, Heratizadeh A, Schubert S (2023) IVDK. Contact sensitization to benzisothiazolinone: IVDK-data of the years 2002 to 2021. *Contact Dermatitis* 88(6):446-455.
23. Gill C, Fischer A.-K, Dicke K, Teigelake B, Brans R, Skudlik C, John SM, Symanzik C (2023) Teledermatological Follow-Up Consultations in Individual Prevention of Occupational Dermatoses: A Monocentric Feasibility Study on Quality and Satisfaction by Patients and Physicians. *Int. J. Environ. Res. Public Health* 20(12): 6127. doi: 10.3390/ijerph20126127
24. Heichel T, Brans R, John SM, Nienhaus A, Nordheider K, Wilke A, Sonsmann F (2023) Effects of impermeable and semipermeable glove materials on resolution of inflammation and epidermal barrier impairment after experimental skin irritation. *Contact Dermatitis* 89(1): 26-36. doi: 10.1111/cod.14317 6
25. Hübner A, John SM, Wilke A, Brans R (2023) Programme for prevention of foot dermatoses in patients with work-related skin diseases: Follow-up data of a prospective cohort study (OCCUPES). *Contact Dermatitis*. 2023 Nov 11. doi: 10.1111/cod.14453 (Online ahead of print) Wilke A, Fischer A.-K., Brans R, Sonsmann F (2023) Patientenschulungen bei berufsbedingten Handekzemen: Bedeutung und Herausforderungen in der Versorgungspraxis. *Die Dermatologie* 74 (6): 416-424.
26. Buse A-S, Wilke A, John SM, Hansen A (2023) Illness perceptions of occupational hand eczema in German patients based on the common-sense model: A qualitative study. *PLoS One* 18 (5): e0285791.
27. Ludwig M, Rocholl M, John SM, Wilke A (2023): Prävention von berufsbedingtem Hautkrebs bei Beschäftigten im Freien: Entwicklung eines Curriculums zur Fortbildung von Multiplikator*innen. *Prävention und Gesundheitsförderung* 18 (2): 274-281

28. John SM, Symanzik C, Skudlik C (2023) Handekzem und Unfallversicherung – was man für die Praxis wissen sollte. *Dermatologie* 74: 393-401. doi: /10.1007/s00105-023-05138-1
29. Melnik B, John SM, Carrera Bastos P, Cordain L, Leitzmann C, Weiskirchen R, Schmitz G (2023) The Role of Cow's Milk Consumption in Breast Cancer Initiation and Progression. *Current Nutrition Reports* 12(1): 122-140 doi: 10.1007/s13668-023-00457-0
30. Ristow N, Rocholl M, Wilke A, John SM, Ludewig M (2023) Using behaviour change Techniques to characterize patient educational interventions in tertiary individual prevention of work-related skin diseases. *Translational Behavioral Medicine* ibad081. doi: 10.1093/tbm/ibad081 [Epub ahead of print]
31. Rocholl M, Wilke A, Meyer J, John SM, Ludewig M. Illness Perceptions of Patients with Occupational Skin Diseases in a Healthcare Centre for Tertiary Prevention: A Cross-Sectional Study. *International Journal of Environmental Research and Public Health* 20(9): 5652. doi: 10.3390/ijerph20095652
32. Rönsch H, Schiffers F, Ofenloch R, Weisshaar E, Buse AS, Hansen A, John SM, Giménez Arnau AM, Pesqué D, Agner T, Nørreslet LB, Loman L, Romeijn GLE, Schuttelaar MLA, Košćec Bjelajac A, Macan J, Apfelbacher C, Bauer A (2023) Chronic hand eczema in Europe: Patient experiences and perspectives (CHEPEP) in qualitative interviews. *J Eur Acad Dermatol Venereol*.37(7): 1396-1405. doi: 10.1111/jdv.19055
33. Rönsch H, Schiffers F, Ofenloch R, Weisshaar E, Buse A-S, Hansen A, John SM, Gimenez-Arnau A, Pesque D, Agner T, Norreslet LB, Lomann L, Romein GLE, Schuttelaar ML, Bjelajac AK, Bauer A, Apfelbacher C (2023) Which outcomes should be measured in hand eczema trials? Results from patient interviews and an expert survey. *JEADV* 37(6): 1199-1206. doi: 10.1111/jdv.18923
34. Schubert S, Geier J, Brans R, Heratizadeh A, Kränke B, Schnuch A, Bauer A, Dickel H, Buhl T, Vieluf D, Wagner N, Worm M (2023) IVDK. Patch testing hydroperoxides of limonene and linalool in consecutive patients-Results of the IVDK 2018-2020. *Contact Dermatitis* 89(2):85-94
35. Schubert S, Worm M, Dickel H, Wagner N, Brans R, Schröder-Kraft C, Bauer A, Koch A, Geier J, IVDK (2023) Patch testing shellac in consecutive patients-Data of the Information Network of Departments of Dermatology (IVDK) 2021. *Contact Dermatitis* 88(1):77-80.
36. Silva Paulo M, Symanzik C, Carvalho F, Connemann S, Dias JB, Gobba F, John SM, Lapão LV, Loney T, Maia MR, Pinho C, Rodrigues A, Strehl C, Tenkate T, Wittlich M, Modenese A (2023): Digitally measuring solar ultraviolet radiation in outdoor workers: a study protocol for establishing the use of electronic personal dosimeters in Portugal. *Frontiers in Public Health* 11:1140903. doi: 10.3389/fpubh.2023.1140903
37. Symanzik C, John SM (2023) Hautkrebs durch solare Ultraviolettstrahlung am Arbeitsplatz. *Dermatologie* doi: 10.1007/s00105-023-05254-y [Epub ahead of print]
38. Symanzik C, Skudlik C, John SM (2023) Acceptance of skin products in healthcare workers during the COVID-19 pandemic: an empirical investigation. *Occupational Medicine*. 73(1): 29-32. doi: 10.1093/occmed/kqac046
39. Symanzik C, Brans R, Skudlik S, John SM, Dicke K (2023): Skin picking: A problem among healthcare workers? *Health Science Reports*. 6(6): e1348. doi: 10.1002/hsr2.1348
40. Symanzik C, Altenburg C, Awe S, Palsherm K, Marx M, Drechsel-Schlund C, Nienhaus A, Brandenburg S, Skudlik C, John SM (2023): Durchführung und Evaluation eines E-learning-Schulungskonzepts zur Umsetzung der Berufskrankheiten-Rechtsänderung bei der Berufskrankheit Nr. 5101. *Allergologie* 46(4): 255-266
41. Symanzik C, Koopmann K, Skudlik C, John SM, Uter W (2023) Bleaching powders, bleaching creams, and other hair lightening preparations as sources for (airborne) allergic contact dermatitis and other health effects in hairdressers: results of an

- empirical study. *Contact Dermatitis*. *Contact Dermatitis* 88:139–144. doi: 10.1111/cod.14242
42. Symanzik C, Grönefeld A, Gill C, Sonnsmann F, Hotfiel T, John SM, Engelhardt M, Grimm C (2023) Back and neck problems as well as disadvantageous ergonomic behavior patterns in university students: Concomitants of the pandemic? *Sports Orthopaedics and Traumatology* 39(1): 50-57
 43. Symanzik C, Ludewig M, Rocholl M, John SM (2023): Photoprotection in occupational dermatology. *Photochemical and Photobiological Sciences* 22: 1213-1222 doi: 10.1007/s43630-023-00385-6
 44. Symanzik C, Uter W, John SM (2023) Förderung der eigenständigen Umsetzung der europäischen Rahmenvereinbarung zum Arbeits- und Gesundheitsschutz im Friseurhandwerk. *Dermatologie in Beruf und Umwelt* 71(1): 22-33. doi: 10.5414/DBX00445
 45. Symanzik C, Uter W, John SM (2023): Arbeits- und Gesundheitsschutz im Friseurhandwerk. Ergebnisse eines europaweiten Projektes zur Exposition gegenüber potentiell gesundheitsschädlichen Stoffen. *Arbeitsmedizin, Sozialmedizin, Umweltmedizin* 58(3): 165-168
 46. Symanzik C, John SM, Skudlik C (2023) Nickel und Kobalt im Friseur und Kosmetikhandwerk. *ASU Arbeitsmed Sozialmed Umweltmed* 58: 78-81. doi:10.17147/asu-1-250942
 47. Symanzik C, John SM (2023): Occupational exposure to cobalt nanoparticles: potential implications on risk assessment and preventive measures. *British Journal of Dermatology* 188(2): 161-162
 48. Symanzik C, John SM (2023) Wenn der Job zum Risiko wird. *Medical by Beauty Forum* 1: 51-54
 49. Symanzik C, Dicke K, Weinert P, Weisshaar E, Brans R, Skudlik C, John SM, Obermeyer L (2023) Quality of patch testing patient's own material in patients with suspected occupational skin diseases throughout Germany: Interim results of the German Social Accident Insurance (DGUV) research project FB 317b. *Contact Dermatitis*. 2023 Dec 3. doi: 10.1111/cod.14470 (Online ahead of print)
 50. Silva Paulo M, Symanzik C, Adam B, Gobba F, Kezic S, van der Molen HF, Peters CE, Rocholl M, Tenkate T, John SM, Loney T, Modenese A, Wittlich M (2023) Risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation: protocol for a systematic review and meta-analysis. *PLOS One*. 18(3): e0282664. doi: 10.1371/journal.pone.0282664
 51. Uter W, Strahwald J, Hallmann S, Duus Johansen J, Havmose M, Kezic S, van der Molen H, Macan J, Babic Z, Franić Z, Macan M, Turk R, Symanzik C, Weinert P, John SM (2023) Systematic review on skin adverse effects of important hazardous hair cosmetic ingredients with a focus on hairdressers. *Contact Dermatitis* 88:93–108. doi:10.1111/cod.14236
 52. Uter W, Johansen JD, Macan J, Symanzik C, John SM. (2023): Diagnostics and Prevention of Occupational Allergy in Hairdressers. *Current Allergy and Asthma Reports* 23(5): 267-275. doi: 10.1007/s11882-023-01076-z
 53. Uter W, Hallmann S, Gefeller O, Brans R, Symanzik C, Oppel E, Lang C, Kränke B, Treudler R, Geier J. (2023) Contact allergy to ingredients of hair cosmetics in female hairdressers and female consumers-An update based on IVDK data 2013-2020. *Contact Dermatitis* 89(3):161-170.
 54. Dietz JB, Menné T, Meyer HW, Viskum S, Flyvholm MA, Ahrensboell-Friis U, John SM, Johansen JD (2024) Impact of atopic dermatitis on occupational contact dermatitis among young people: A retrospective cohort study. *Contact Dermatitis* 90:143-152. doi: 10.1111/cod.14426.
 55. Rönch H, Schiffers F, Ofenloch R, Weisshaar E, Buse AS, Hansen A, John SM, Giménez Arnau AM, Pesqué D, Agner T, Nørreslet LB, Loman L, Romeijn GLE, Schuttelaar MLA, Košćec Bjelajac A, Macan J, Apfelbacher C, Bauer A (2024) Chronisches Handekzem in Europa: Erfassung von Patientenerfahrungen und -

perspektiven (CHEPEP) anhand von qualitativen Interviews. Kompass Dermatologie. doi: 10.1159/000536091 [Epub ahead of print]

56. Yüksel, YT, Symanzik C, Christensen MO, Olesen CM, Thyssen JP, Skudlik C, John SM, Agner T, Brans R (2024) Prevalence and incidence of hand eczema in healthcare workers: a systematic review and meta-analysis. Contact Dermatitis. doi: 10.1111/cod.14489 [Epub ahead of print]

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

SC OED and SC Radiation and Work

SC Effectiveness in Occupational Health Services

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

“Occupational and Non-occupational Skin Cancer: A Persisting Global Burden”, Multi-Stakeholder Summit 10 October 2023 hosted by EADV, ILDS and Global Skin at the occasion of the 32. EADV Congress in Berlin, Germany

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

-ESCD (European Society of Contact Dermatitis) Task Force legal matters regarding patch-test materials is preparing a position paper on the subject-matter; the Secretary-General is member of the Task Force and responsible for the preparation of the position paper.

-Partnership for assessment of risks from Chemicals (PARC), project: Skin sensitisation and risk assessment methodologies This project has received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101057014.

In this project the regulatory practices for skin sensitizers will be mapped across regulatory areas in EU further a systematic review of the scientific aspects of risk assessment methodologies for skin sensitization. The goal is to suggest of a common, science-based risk assessment model for skin sensitisation, which can be considered for regulations of cosmetics, biocides, and in CLP. It will be a major step forward in prevention of skin sensitization among European citizens, consumers at all ages and workers, leading to substantial gain in health, well-being, and economics.

European Academy of Dermatology and Venereology (EADV): Secretary-General is head of the Task Force Occupational Skin Disease

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions ***not already listed*** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Joint Special Session of the Scientific Committees “Radiation and Work” and “Occupational and Environmental Dermatoses” at the ICOH2024 Congress.

“Occupational and Environmental Dermatoses – Status Quo, Novel Findings and Future Challenges” 34th International Congress on Occupational Health (ICOH2024). Marrakesh, Morocco, 28 April - 3 May 2024.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Effective prevention of skin cancers in workers exposed to solar UV radiation. Joint meeting of the ICOH Scientific Committees Effectiveness in Occupational Health Services (EOHS), Occupational and Environmental Dermatoses (OED), Radiation and Work (R&W), Lisbon (Portugal) + hybrid event online, 6 Feb 2024

3rd Multi-Stakeholder Skin Cancer Summit "Occupational Skin Cancer: The Sleeping Giant", September 10, 2024 prior to the 6th International Conference UV and Skin Cancer Prevention & Global Advances and Controversies in Skin Cancer Conference (11-14 September 2024) in Brisbane, Australia.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

SC OED and SC Radiation and Work
SC Effectiveness in Occupational Health Services

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations ***other than*** conferences.)

EADV

ESCD (European Society of Contact Dermatitis)

NDA (Nordic Dermatology Association):

PARC project: “Towards establishing New Approach Methods in the risk assessment of skin sensitizing mixtures”: this project, to be initiated in may 2024, aims 1)to assess the applicability and suitability of NAMS and a 3D skin model to evaluate the skin sensitization hazard of mixture exposures (several skin sensitizers together and skin sensitizers + irritant). 2)To integrate data from the NAMS and a 3D skin model to define a general mixture factor (MAF-SEN) that can be used in risk assessment models. 3) To assess mixture effects on elicitation in humans to be considered in regulations of ongoing epidemics.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The SC OED has been able to create synergies and reinforce cooperation with the SC Radiation and Work, WHO, International League of Dermatological Societies (ILDS), the European Society of contact Dermatitis (ESCD), the EU Commission, the European Agency for Safety and Health (EU-OSHA) and the EADV. The objective is to join efforts to improve the prevention of occupational skin diseases, including occupational skin cancer, and thus to achieve the goals of the SC, which are in line with the goals of the other organizations mentioned above.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

First Name	Last Name
Kristiina	ALANKO
Jose Hernán	ALFONSO
Michela	CRIPPA
Johannes lodewykus	DU PLESSIS
Yue-Liang Leon	GUO
Swen M	JOHN
Sanja	KEZIC
Francesca	LARESE FILON
Emma	SALA
Jean Damascene	NITVUNWA
Pietro	SARTORELLI
Marc	WITTLICH

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 05 February 2024

Submitted by SC: **Occupational Health and Development (SC OHDev)**

Name of Chair: Professor Aditya Jain

Year of Appointment: 2022

Email address: aditya.jain@nottingham.ac.uk

Name of Secretary: Dr. Divyang Shah

Year of Appointment: 2022

Email address: divyangas@gmail.com

SC Website URL (if available): Not available

Other SC Means of Communication: Email

Focus and aim of the SC:

The SCOHDev shall aim in focusing the discussions on Occupational Health issues in organised and unorganised sectors, with specific emphasis on developing countries. It will collaborate with other SCs to leverage the expertise and resources towards the same. SCOHDev will encourage research in OH and Development by participating in the ICOH congresses.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** *Do not repeat meetings and conferences already listed in this format in the Midterm Report***1) Business meeting:**

Venue: Zoom and in-person Mumbai, India (following SCOHDev symposium at EPICOH 2023)

Date: 15th March 2023

Number of attendees: 14 (5 online, 9 in person)

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 25th March 2023**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	Global Roundtable on National Policy Approaches for Work-Related Mental Health at the Joint Congress of ICOH-WOPS & APA-PFAW 2023				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				
Date:	19 – 22 Sep 2023				
Venue:	Hitotsubashi Hall, National Center of Sciences Building, Tokyo, Japan				
Organizers:	APA-PFAW				
Co-organizers and Collaborators: Please identify and describe roles	The roundtable was organised in collaboration with ICOH-SCOHDev and ICOH-WOPS. The roundtable brought together policy stakeholders and experts across the work to engage in global knowledge sharing & discourse on policy and practice implications, create a sustainable working network, and agree on a statement for steps forward to maintain shared knowledge. Professor Aditya Jain (Chair SCOHDev), presented the <i>Psychosocial Work Environment in Asia: An Examination of the Policy Context in the Region</i>				
Number of participants:	45				
Publication or provision of CD/DVD proceedings:	https://hp3.jp/icoh-wops_apa-pfaw2023/				

Book of abstracts:	Conference proceedings
Book of selected proceedings:	
Special issue of peer reviewed journals:	N/A
Assessment of success / impact:	<p>The session concluded with the presentation of the <i>Global Accord for Worker Mental Health: Tokyo Declaration on National Policy Commitments</i>, which call for experts and stakeholders from various countries to come together to address the urgent need for improved worker mental health through national policy approaches, and signifies the commitment to collaboratively address work-related mental health challenges through strong policy approaches. The declaration highlights that health is a fundamental human right and mental health is a universal public good central for performing the right to dignity, yet the world faces a global public health crisis due to mental ill health. In 2022, the principle of a safe and healthy working environment was added to the ILO Fundamental Principles and Rights at Work. The landmark decision means that all ILO Member States commit to respect and promote the fundamental right to a safe and healthy working environment, whether or not they have ratified the relevant Conventions (e.g. C155, C187, C190).</p> <p>In light of this, the declaration calls for governments, employers' and workers' organizations to uphold basic human values - values that are vital to our social and economic lives by taking decisive action and prioritising worker mental health by implementing the following measures:</p> <ul style="list-style-type: none"> • Assert mental health as a policy priority at both national and organisational levels. • Establish specific laws and regulations to effectively manage psychosocial hazards/risks and promote mental health in workplaces. • Promote the right of workers and their representatives (e.g. labour unions) to actively participate in decision making regarding the management of health and safety at work. • Implement nation-wide initiatives dedicated to enhancing mental health support for workers. • Develop sector-oriented initiatives tailored to address the unique challenges faced by various industries. • Conduct national surveys or studies to comprehensively assess psychosocial

	<p>hazards/risks related to mental health, allowing for evidence-based policymaking.</p> <p>It is hoped that this initiative will foster the development and implementation of occupational health policy to protect and promote worker mental health across the world, both in developed and developing countries, and the OHP community has a key role to play in this.</p>
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(2) Name of the event:	6th SC OM Webinar in Remembrance of Ramazzini: Evolution of Occupational Medicine				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		✓			
Date:	10 November 2023				
Venue:	Online				
Organizers:	ICOH SC on Occ Medicine (SCOM)				
Co-organizers and Collaborators: Please identify and describe roles	Dr. Shyam Pingle, was a speaker at the seminar and represented SCOHDev.				
Number of participants:	60				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	N/A				

(3) Name of the event:	ICOH 2024 – 34th International Congress on Occupational Health				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				
Date:	28 April – 3 May 2024				

Venue:	Palais des Congres, Marrakesh, Morocco
Organizers:	ICOH, MOHA, UH2DC, USATFMPC
Co-organizers and Collaborators: Please identify and describe roles	<p>SCOHDev is organising one free paper session and two special sessions.</p> <p>Promoting Sustainable Work and Development through Excellence in OSH (SCOH Dev Free paper session)</p> <p>Innovations in Occupational Health Policy and Practice: promoting the fundamental right to a safe and healthy working environment (SCOH Dev Special Session 1)</p> <p>Effective delivery of occupational health services: Promoting safety and health as a universal fundamental right at work (SCOH Dev Special Session 2)</p>
Number of participants:	50-120
Publication or provision of CD/DVD proceedings:	ICOH
Book of abstracts:	ICOH proceedings
Book of selected proceedings:	ICOH proceedings
Special issue of peer reviewed journals:	ICOH proceedings
Assessment of success / impact:	Support from policy stakeholders (e.g. ILO) and other ICOH SCs (SCOHSSEIS, SCWHW) in organisation of these sessions.

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

N/A

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

As above

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

As above

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Any other points of relevance:**PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027****Planned Scientific Contributions to the ICOH2024 Congress:**

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

SCOH Dev Special Session 1

Innovations in Occupational Health Policy and Practice: promoting the fundamental right to a safe and healthy working environment

Co-Chairs

Professor Aditya Jain Aditya.Jain@nottingham.ac.uk

Dr Divyang Shah Divyang.Shah2@larsentoubro.com

Summary of Special Session

The changing social, economic, technological and environmental landscape impacts the availability and quality of work and employment in organizations across all sectors and in all regions of the world. In 2022, the principle of a safe and healthy working environment was added to the International Labour Organization's (ILO) Fundamental Principles and Rights at Work. The landmark decision means that all ILO Member States commit to respect and promote the fundamental right to a safe and healthy working environment, whether or not they have ratified the relevant Conventions (e.g. C155, C187, C190) (ILO, 2022). This initiative is expected to significantly help improve the implementation of occupational health policy and practice across the world, both in developed and developing countries, which will be examined and discussed in this session.

The five presentations in this session will discuss the implications of the ILO's landmark decision on countries around the world as well as on policies relating to health of women and vulnerable workers. The presentations provide examples of good practice to promote occupational health policy and practice, lessons from other policies arenas such as environmental law, and insight into current and future national policy initiatives. There are clear opportunities for policy makers to align both regulatory and other policy approaches on occupational health, safety and wellbeing, with regulatory mechanisms to protect and promote human rights, as well as standards to promote responsible business practices, which can not only help in optimization of resource use, but also promote OSH higher up the policy agenda.

Presentation 1: Implications of the recognition of a safe and healthy working environment as fundamental principle and right at work for ILO member states
Manal Azzi, International Labour Organization, Labadmin/OSH Branch, Geneva, Switzerland

Presentation 2: ILO landmark decision: A timely bridge for vulnerable workers towards SDG8 Decent Work
Mahinda Seneviratne, SafeWork NSW, Parramatta, Dharug country, Australia
Chair, ICOH Scientific Committee on Occupational Health in Small Scale Enterprises and the Informal Sector (SCOHSSEIS)

Presentation 3: Five keys to understand the practical implications of the declaration of Health and Safety at Work as the fifth fundamental right at work
Igor Bello, ICOH Women, Health and Work SC, Valencia, Venezuela
Chair, ICOH Scientific Committee on Women Health and Work (SCWHW)

Presentation 4: A just climate transition for workers: Reconciling labour rights and environmental protection
Luis Torres, SustainaValue (and Nottingham University Business School), Santiago/Nottingham, Chile/UK

Presentation 5: A framework for the promotion of sustainable work in a changing social, economic, technological, and environmental landscape
Aditya Jain, University of Nottingham, Nottingham University Business School, Nottingham, UK, and Scientific Committee on OH and Development (SCOHDev)

SCOH Dev Special Session 2

Effective delivery of occupational health services: Promoting safety and health as a universal fundamental right at work

Co-Chairs

Professor Aditya Jain Aditya.Jain@nottingham.ac.uk

Dr Divyang Shah Divyang.Shah2@larsentoubro.com

Summary of Special Session

High occupational safety and health (OSH) standards are of paramount importance for the Future of Work, and for the achievement of the Sustainable Development Goals (SDGs). While many countries have drawn up policies, strategies and programmes for

Occupational Health (OH) service delivery, there are gaps in implementation, capacity, and coverage. These gaps mean that we still lag behind the goal of Universal Occupational Health Coverage through at least basic service provision. Obtaining a comprehensive understanding of similarities and variations in the context, systems, structure, coverage and capacity of OSH services will highlight key development needs internationally and help in addressing some of these gaps. This session therefore explores the scope, reach and effectiveness of Occupational Health (OH) service delivery in order to:

- understand the influence of country economic status (e.g., HICs vs LMICs), national policy, laws and regulations (e.g., ratification of ILO conventions), organization size (e.g., large, medium, small and/or micro), models of work (e.g., formal and informal) and occupational sector; and
- identify the facilitators and barriers that influence OH service delivery and establish how this knowledge could be used to improve and promote access to OH services and promote OH as a universal fundamental right at work.

The four presentations in this session will discuss the implications of the International Labour Organization's (ILO) landmark decision on occupational health services, present examples of good practice to promote occupational health services in countries from different regions of the world and provide insight into current and future approaches OH service delivery.

Presentation 1: Effective delivery of occupational health services: Promoting occupational safety and health as a universal fundamental right at work

Professor Stavroula Leka, Lancaster University, Centre for Organizational Health & Well-being, Lancaster, UK

Professor Aditya Jain, Nottingham University Business School, Nottingham, UK

Presentation 2: Delivering occupational health as a universal fundamental right at work – the LMIC dilemma

Divyang SHAH – Head, Medical, Welfare and Community Health Services, Larsen & Toubro Limited, Mumbai, India

Shyam PINGLE – Adjunct Professor, Indian Institute of Public Health Gandhinagar, India
drshyampingle@gmail.com

Presentation 3: Ratification of ILO fundamental OSH conventions in Latin American and the Caribbean region: State of the art and current challenges for OH Services

Miguel Munoz, Nottingham University Business School, Nottingham, UK

Presentation 4: A framework for assessing OH services systems

Ana Catalina Ramirez, ILO, Labadmin/OSH Branch, Geneva, Switzerland

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Organise 1st SCOH Dev Conference (day before ICOH 2027, Mumbai, India).

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Support research project (2024-2026) on OH services with ICOH Working Group on OSH and ICOH Scientific Committee on Effectiveness of Occupational Health Services. The project, led by University of Lancaster, titled: *Effective delivery of occupational safety and health services: Promoting safety and health as a universal fundamental right at work*, is funded by IOSH.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☒ This form should be changed. Please recommend changes for improvement.

1. An online form (eg. Based on MS Forms or Google Forms should be used instead of the paper based version.
2. The list of members of the SC should be made visible in the member's area/SC area of the ICOH website, so it can be kept up to date.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

No.	Name
1	Dr. José Hernan ALFONSO
2	Dr. Dileep ANDHARE
3	Occupational Health Nurses Association for Ireland
4	Dr. Raul BARANANO
5	Dr. Guillermo Oscar BATER
6	Dr. Jean-jacques BERNATAS
7	Dr. Simon Paul BULTERYS
8	Dr. Cinthya fiorella BUSTAMANTE
9	Dr. Patricia CANNEY
10	Dr. Junming DAI
11	Dr. Santosh Vishnu DATAR
12	Dr. Yucel DEMIRAL
13	Ms Nguyen Bich DIEP
14	Dr. Amer DOBRACA
15	Prof. Abdeljalil EL KHOLTI
16	Ms Rim EL KHOLTI
17	Mr. Kaj ELGSTRAND
18	Dr. Elia L. Enriquez
19	Dr. Hayford ETTEH
20	Prof. Aida Lucia FAJARDO MONTIEL
21	Dr. Luca FONTANA
22	Dr. Diana GAGLIARDI
23	Mr. Jorge Mario GALLEGO PEREZ
24	Prof. Tee Lamont GUIDOTTI
25	Dr. Chaitanya Srikar GULVADY
26	Dr. Jurgen Thomas HANNAK
27	Dr. Aditya JAIN
28	Mr. Collins Omondi KAMOL
29	Mrs Irene Wanjiru Muya KARANJA
30	Dr. Craig KARPILOW
31	Dr. Hyunwook KIM
32	Dr. Kazutaka KOGI
33	Dr. Evelyn KORTUM

34	Dr. Santanam Balaji LAKSHMIPURAM
35	Ms Suvi Anneli Lehtinen
36	Dr. Timo Juhani LEINO
37	Dr. René LOEWENSON
38	Dr. Nsubuga Fred MANGASI
39	Mr. Blessing Ngonidzaishe MAVEMWA
40	Dr. Luis MAZON
41	Dr. Jorge Alberto MORALES CAMINO
42	Dr. Franklin Kithinji MUCHIRI
43	Dr. Saeher A. Fatima MUZAFFAR
44	Dr. Peter Sunday NMADU
45	Mr. Fredrick Odhiambo OGONJI
46	Dr. Esther Ruth PALMER CARRILLO
47	Dr. Louis PATRY
48	Dr. Shyam Pingle
49	Dr. Ganapati Vasant PRABHU
50	Dr. Nuri PURWITO ADI
51	Dr. Vijay RAO
52	Dr. Liliana Rapas
53	Dr. Kalyanbrata Saha
54	Dr. Deogratias K. SEKIMPI
55	Dr. Divyang SHAH
56	Prof. Nayab M. SULTAN
57	Ms Claudia patricia TENORIO PINEDA
58	Dr. Norbert L. Wagner
59	Dr. Robert W WATSON, Jr
60	Dr. Antonio Federico WERNER
61	Mr. Christian YALA
62	Ms Nonhlanhla ndhlovu YALALA



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
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claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

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(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 9 February 2024

Submitted by SC: **Occupational Health for Health Workers**

Name of Chair: Gwen Brachman MD

Year of Appointment: 2018

Email address: gobmd@yahoo.com

Name of Secretary: Antoon De Schryver

Year of Appointment: 2018

Email address: Antoon.deschryver@proximus.be

SC Website URL (if available):

Scohhcw.weebly.com/

Other SC Means of Communication:

E-mails and virtual meetings

Focus and aim of the SC:

The aim of the SC OHHW is to generate and share scientific knowledge aiming to improve the health and safety of health workers, particularly in developing countries.

The SC also aims to foster collaborations between practitioners, researchers and public health professionals to promote and improve health workers health and safety.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: New York City Academy of Medicine, USA

Date: October 26, 2023

Number of attendees: 11 live

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	12th ICOH Occupational Health for Health Workers (OHHW) Scientific Committee Conference				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	October 24-27, 2023				
Venue:	New York Academy of Medicine				
Organizers:	Acran Salmen-Navarro, MD, MSc New York University Grossman School of Medicine Gwen Brachman MD, MS, MPH, FACOEM				
Co-organizers and Collaborators: Please identify and describe roles					
Number of participants:					

Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Special session : Vaccination and PPE issues and mandates for health workers.

Business meeting for SC OHHW

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

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- ☐ This form is acceptable
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Title	First Name	Last Name
Dr.	Sandra	ALBINO
Prof.	Enrique	ALVAREZ CASADO
Dr.	Sakthi	ARASU
Dr.	Marita del pilar	ASMAT INOSTROSA
Dr.	Nayake Bandaralage Parakrama	BALALLA
Ms	M. Amparo	BENAVENT
Mrs	Michelle	BESTER
Dr.	Saengdidtha	BOONTERM
Dr.	Gwen Orr	BRACHMAN
Dr.	Laura	BREEHER
Dr.	William G	BUCHTA
Prof.	Carmen	BUSNEAG
Prof.	Jean-François	CAILLARD
Dr.	Jose C.D.	CARNEIRO
Dr.	Celso cidade	CAVALCANTI
Dr.	Withaya	CHANCHAI
Dr.	Carlos José	CHAVERA BIANCHI
Prof.	Giovanni	COSTA
Dr.	Claudia María	DE HOYOS
Prof.	Antoon	DE SCHRYVER
Dr.	Rodrigo Bornhausen	DEMARCH
Dr.	Yucel	DEMIRAL
Ms	Nguyen Bich	DIEP
Dr.	Francesco	DRAICCHIO

Prof.	Abdeljalil	EL KHOLTI
Dr.	O. Alp	ERGOR
Dr.	Ruddy Cesar	FACCI
Dr.	Anna sofia victoria	FAJARDO
Dr.	Marilyn Ann	FINGERHUT
Dr.	Andreas	FUCHS
Dr.	Vivian Chan Sau Wai	FUNG
Prof.	Inas	GABALLAH
Ms	Debbie Michelle	GASKIN
Dr.	Jean-Francois	GEHANNO
Dr.	George reed	GRIMES
Dr.	Doan ngol	HAI
Dr.	Muthenahalli Giriyappa	HARISHANKAR
Prof.	Toshiaki	HIGASHI
Prof.	Tatsuya	ISHITAKE
Mr.	Sujit	JADAV
Dr.	Aditya	JAIN
Prof.	Bobby	JOSEPH
Miss	Olajumoke	JOSEPH
Dr.	Choy Kwok Yin	Kenneth David
Dr.	Hyunwook	KIM
Dr.	Sibel	Kiran
Prof.	Daniel J.	KOCKS
Prof.	Giuseppe	LA TORRE
Ms	Maria clelia	LANZI
Dr.	Mounym	LARHLID
Dr.	Caterina	LEDDA
Dr.	Marc	Levy
Dr.	Maria Sofia	LIOCE
Dr.	Olivier	LO
Dr.	Danileing	LOZADA
Dr.	Roberto G.	LUCCHINI
Dr.	Edmyr mercado	MACABULOS
Dr.	Paula	MADALENO
Dr.	Pia	MARKKANEN
Dr.	Luis	MAZON
Dr.	Robert Keene	MCLELLAN
Dr.	Karen Elizabeth	MICHELL
Dr.	Philippa N.	MOMAH
Dr.	Dingani	MOYO
Dr.	Shubhendu	MUDGAL
Dr.	Agueda Rossangella	MUÑOZ DEL CARPIO TOIA
Dr.	Mellany	MURGOR
Dr.	Daniel L.	MURPHY
Ms	Olesja	NEDIC
Dr.	Khalid	NESSATI

Prof.	Albert	NIENHAUS
Mr.	Leslie Emeh	NJUME
Dr.	Charles babajide	ONIGBOGI
Dr.	Robert	ORFORD
Dr.	Rosa Maria	ORRIOLS RAMOS
Miss	Maria Amparo	ORTUNO
Dr.	Parmitasari	PARMITASARI
Dr.	Paula maria	PENA SALGUERO
Dr.	Vijay Kumar	RAMTEKE
Dr.	Cristiane	RAPPARINI
Dr.	Alex	REID
Dr.	Marilou	RENALES
Dr.	Jean-Pierre	REZETTE
Dr.	Carissa Marie	ROCHELEAU
Dr.	Johnny Fernando	RODRIGUEZ CAMPOS
Dr.	Kalyanbrata	Saha
Dr.	Monalisha	SAHU
Dr.	Manrique Manuel	SANDI
Dr.	Yuka	SATO
Ms	Bella	SEPALAMELO
Dr.	Gogillan	SEVARATNAM
Dr.	Warren	SILVERMAN
Dr.	Andrew	SITHOLE
Dr.	Ferdinand C.A.	SMITH
Dr.	Jerry malcolm	SPIEGEL
Prof.	Oda	SUSUMU
Dr.	Maria del carmen	TORRES GÁMEZ
Dr.	Katsura	Umehara
Dr.	Silvia Garcia	VALERO
Dr.	Maximiliano	VARONE
Prof.	Abdallah Amani	WAHEED EL-DIN
Prof.	J. Gustav	WICKSTRÖM
Dr.	Jessica a.	WILLIAMS
Dr.	Annalee	YASSI
Dr.	Kazurou	YOSHIDA
Dr.	Toru	YOSHIKAWA
Dr.	Etsuko	YOSHIKAWA
Prof.	Min	ZHANG
Dr.	Muzimkhulu	ZUNGU

Members who left the SC since the submission of the SC Midterm Report:
Name: **Email address:**



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 1 March 2024

Submitted by SC: **Occupational Health in Small-Scale Enterprises
and the Informal Sector**

Name of Chair: Mahinda Seneviratne

Year of Appointment: 2018

Email address: Mahinda.seneviratne@safework.nsw.gov.au

Name of Secretary: Somnath Gangopadhyay

Year of Appointment: 2018

Email address: ganguly1961@gmail.com

SC Website URL (if available): N/A

Other SC Means of Communication: Email, Zoom meetings, WhatsApp messages

Focus and aim of the SC:

AIM of SC is to assist various occupational health practitioners in promoting and achieving healthy workplaces at SMEs and to improve working conditions for workers in informal sectors.

FOCUS is on two areas:

- **Building capability** through increased knowledge and practical tools to prevent work-related injury, illness & disease in Micro and Small-Medium Enterprises (MSMEs)
- **Promoting access** to basic occupational health services for vulnerable informal workers through attention to working conditions that affect their health at work.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) **Business meeting:** None

Venue:

Date:

Number of attendees:

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	Healthy Work for Small Business, Workers & Community				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		x			
Date:	1 st December 2023				
Venue:	SafeWork NSW, Parramatta, NSW, AUSTRALIA				
Organizers:	SCOHSSEIS Hygiene & Toxicology Team, SafeWork NSW				
Co-organizers and Collaborators: Please identify and describe roles	Dr Yuka Ujita of ILO as invited speaker Presentations by SCOHSSEIS members Dr Yogindra Samant and Ms Mireya Rifa Fabregat and by ICOH Secretary General Dr Diana Gagliardi.				
Number of participants:	Approx. 25				

Publication or provision of CD/DVD proceedings:	No
Book of abstracts:	No
Book of selected proceedings:	No
Special issue of peer reviewed journals:	No
Assessment of success / impact:	<p>A diverse group of health & safety inspectors and small business owners learnt about several practical approaches taken in Europe to improve OH in small enterprises that can be implemented locally.</p> <p>The overview on migrant worker OH from an ILO expert was very helpful to develop targeted programs in Australia.</p>

(2) Name of the event:	Industrial Hygiene Training Program: Prevent Workplace Exposures for a Healthier Work Life				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
			x		
Date:	21 st September 2023				
Venue:	Colombo, SRI LANKA				
Organizers:	Workplace Safety & Health Association (Sri Lanka)				
Co-organizers and Collaborators: Please identify and describe roles	SCOHSSSEIS – key facilitator & presenter on basic occupational hygiene for small-medium enterprises.				
Number of participants:	Approx. 60				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				

Assessment of success / impact:	<p>Most of the participants responded that they gained useful skills on the basic principles & practices of industrial hygiene.</p> <p>Requests for an extended program (2-5 days) and practical skills for the local inspectorate will be considered by SCOHSSSEIS with possible collaboration with IOHA, WHWB and IALI.</p>
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(3) Name of the event:	Labour inspection in the Changing World of Work				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	27 th November 2023				
Venue:	International Convention Centre, Sydney, AUSTRALIA				
Organizers:	International Association of Labour Inspection (IALI)				
Co-organizers and Collaborators: Please identify and describe roles	<p>The IALI, the International Labour Organization (ILO), the Australian Fair Work Ombudsman (FWO), the Australian and New Zealand Heads of Workplace Safety Authorities (HWSA) and the International Commission on Occupational Health (IOCH) co-hosted this side event at the 23rd World Congress on Health and Safety at Work.</p> <p>SCOHSSSEIS presented in a session and panel discussion on the IALI Position paper on Labour Inspection & migrant workers and ICOH statement on protecting the occupational safety and health of migrant workers.</p>				
Number of participants:	Approx. 70				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:					

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Draft under preparation (see below).

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

N/A

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

Prof Somnath Gangopadhyay was an invited speaker at PREMUS 2023 at Bangalore, India where he spoke on workers in the Indian Informal Sectors and also joined the round table discussion, as a representative of the scientific committee, on the global aspects of informal sectors.

In September 2023, Prof Gangopadhyay discussed the future of work of Indian informal sectors in an online webinar organised by the International Ergonomics Society (IEA).

Any other points of relevance:

SCOHSSSEIS chair Mahinda Seneviratne attended informal meetings with World Bank and ILO representatives in New Delhi, India at the invitation of fellow ICOH members to understand current strategies and programs in addressing silicosis and tuber-silicosis (September 2023).

We were invited by the ILO educational officer to present a half-day Workshop on basics of hazardous chemicals management for a group of small business garment manufacturers from Tamil Nadu state, India (September 2023)

SCOHSSEIS chair presented (online) on “Vulnerable Health Care Workers” at the SC Health Care Workers conference in New York (October 2023)

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Two Special Sessions submitted by SCOHSSEIS were accepted:

1. Silver Linings – informal Workers. In collaboration with WIEGO (NGO)
2. SDG8 Decent Work – Vulnerable workers. In collaboration with SC UJIH and ICOH Special Interest group on Core Values - considering SDG 8 and Core Values at Work.

SCOHSSEIS collaborated with, and supported several SCs and other ICOH members to develop & submit proposals for Special Sessions at ICOH 2024 Congress at Marrakesh:

- i. SC OH & Development – Effective delivery of occupational health services
- ii. SC UJIH, IEA, Human Factors & Ergonomics Society (USA) – Electronic waste and informal work in LMICs
- iii. SC Education and Training (SCETOH) - Special Session on BOHS
- iv. Special Session on Migrant Workers (organised by Dr Acran Salman-Navarro) – Perspectives from three continents,

Eight SCOHSSEIS members from different geographic regions reviewed more than 30 Abstracts presented for the Free Paper session on OH in Small Enterprises.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Business Meeting at ICOH 2024 Congress in Marrakesh (1 May 2024)

Total Worker Health event (Colorado, USA September 2024 TBC)

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Basic Occupational Health Services (BOHS) – collaborating with other SCs on current initiatives towards an Interest/Working Group on BOHS (TBC).

Migrant women workers (with SC Women, SC Unemployment and ICOH Working Group on migrant workers) – activity TBC after discussions at ICOH 2024 in Marrakesh.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

International Association of Labour Inspection (IALI). Event to build occupational illness & disease prevention skills for labour inspectorates. Location TBC (Spain, Norway or Sri Lanka). SC will focus on hygiene, health and ergonomic practice in relation to SMEs and informal sectors.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

A SCOHSSEIS sub-group met several times during 2023-24 and drafted a short publication on “Migrant Worker Accommodation” – for discussion at ICOH 2024 Congress with view to publication as an ICOH Position Paper or policy guidance.

Any other points of relevance:

None.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work *during* the current Triennium. You may want to note anticipated impact. Give examples where possible.)

With the opening up of direct contact and engagement, the SC was able to collaborate with several partners (non-ICOH) and participate in events to promote OH capability

among SMEs and those working in informal sectors. The SC's leadership in addressing migrant worker issues at a practical level were enhanced through the work initiated by its new sub-group and participation at the World Congress in Sydney. Our collaborating in a side event with IALI, ILO and other partners has opened up opportunities to foster closer links for potential activities during the next triennium 2024-27 with these major international partners in OHS.

The SC also provided opportunity for members from a wider geographic catchment (especially women and younger members from low-middle income countries) to actively participate and contribute to the SC and ICOH activities, especially those planned for ICOH 2024 Congress.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Email address:

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:

None known.



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

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**The SC Final Report covers the period March 2023 – January 2024.
Please submit it no later than January 1, 2024 to:**

Vice President: Claudina Nogueira claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 26th February 2024

Submitted by SC: **Occupational Health in the Construction Industry**

Name of Chair: Dr Krishna Nirmalya Sen

Year of Appointment: 2022

Email address: KNSSEN@LNTECC.COM / KRISHNANIRMALYA@GMAIL.COM

Name of Secretary: Dr Alberto Caban Martinez

Year of Appointment: 2022

Email address: acaban@med.miami.edu

SC Website URL (if available): www.scohici.org

Other SC Means of Communication: Email.

Focus and aim of the SC: Promoting OHS in the Construction Industry and prevention of accident and diseases by long term and short term initiatives.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Virtual

Date: 10th March 2023

Number of attendees: Seven (7)

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**2) Business meeting:**

Venue: Virtual

Date: 22nd February 2024

Number of attendees: Eight (8)

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	11 th ASSP India Chapter Professional Development Conference				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	✓				
Date:	28 th & 29 th April 2023				
Venue:	Anna University, Chennai, India				
Organizers:	American Society of Safety Professionals (ASSP) India Chapter				
Co-organizers and Collaborators: Please identify and describe roles	Anna University, ICOH Scientific Committees in the Construction Industry (SCOHICI) & Rural Health: Agriculture, Pesticides				
Number of participants:	Approx 150 participants				
Publication or provision of CD/DVD proceedings:	-				

Book of abstracts:	Yes, Book of Abstracts published
Book of selected proceedings:	-
Special issue of peer reviewed journals:	-
Assessment of success / impact:	Participants were from mixed group including budding OSH professionals, researchers, faculty member and professionals from Industry. Huge learning and sharing of experience including international speakers.

(2) Name of the event:	Webinar titled “Occupational Health in Construction Industry – Actionable Solutions for Emerging Issues”				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		✓			
Date:	21 st July 2023				
Venue:	Virtual				
Organizers:	ICOH SC in the Construction Industry				
Co-organizers and Collaborators: Please identify and describe roles	ASSP India Chapter				
Number of participants:	Approx. 100 Participants				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:	Online				
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:					

(3) Name of the event:	CERTIFICATE COURSE IN OCCUPATIONAL ERGONOMICS				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
				✓	

Date:	1 st November 2023 – for six (6) Months
Venue:	Sri Sri University
Organizers:	Faculty of Health & Wellness, Sri Sri University
Co-organizers and Collaborators: Please identify and describe roles	Endorsed by ASSP India Chapter and Supported by ICOH Scientific Committee in the Construction Industry
Number of participants:	20
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	Promoting prevention through application of ergonomics at workplaces

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Participated in 23rd World Congress on Safety and Health at Work and made a presentation in ISSA-C Symposium on 30th November 2023

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Any other points of relevance:

ICOH Scientific Committee during its Business Meeting on 10th March 2023 approved the proposal of recognizing a senior OHS professional who has immensely contributed in the field of occupational health and safety in the construction industry with “Lifetime achievement Award”. He award will include a plaque and a citation to be conferred on the recipient over during forthcoming ICOH Congress or in a suitable occasion.

Following the meeting, request for nomination for the award was released and also received. Final decision on nomination was taken during the Business meeting held on 22nd February 2024. Dr Anders Englund of Sweden who was recommended by Dr Knut Ringen and seconded by Dr Kalyan Brata Saha was unanimously approved as the recipient of this prestigious recognition.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

One Special Session on Construction at ICOH 2024

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Business Meeting during ICOH 2024 in hybrid mode

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

12th Professional Development Conference of ASSP India Chapter, 8 to 9 June 2024. Jointly organizing the Conference at IIT Madras, India

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

Estimated 7 to 10% world population is engaged in construction and related repair and maintenance work. Efforts of this Scientific Committee has been addressing these aspects. We have done some good efforts and more to be done in future as well.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable✓
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members (attached)

Name:

Email address:

Members who left the SC since the submission of the SC Midterm Report:

Name:

None

Email address: Not applicable



ICOH 2022-2024 TRIENNIUM

SCIENTIFIC COMMITTEE FINAL REPORT

Covering the period March 1, 2023 – January 1, 2024

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The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 6 February 2024

Submitted by SC: **Occupational Health Nursing**

Name of Chair: Kim Davies

Year of Appointment: 2021

Email address: davies.kim1@gmail.com

Name of Secretary: Dr Florence Moyo

Year of Appointment: 2021

Email address: flomoyo10@gmail.com

SC Website URL (if available): <https://www.icohweb.org/site/scientific-committee-detail.asp?sc=19>

Other SC Means of Communication: Email only and virtual meetings via teams

Focus and aim of the SC:

1. To foster the scientific progress, knowledge, and development of occupational health nursing on an international level.
2. To Collaborate with the international members of SCOHN, other ICOH Scientific Committees and recognized professional organizations

- a. to facilitate communication, education, research, and practice in occupational health and safety
- b. towards the enhancement of international standards and guidelines in occupational health practice,
- c. with additional support for developing countries

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: Virtual

Date: 12 December 2023

Number of attendees: 2

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.ichweb.org/>):

2) Business meeting:

Venue: Virtual

Date: 1 February 2024

Number of attendees: 4

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.ichweb.org/>): Co-incited with Workshop occurrence

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	Occupational Health post COVID and what we have learned (Dr F Moyo)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
			X		
Date:	24 September 2023				
Venue:	Virtual				
Organizers:	SCOHN Committee				
Co-organizers and Collaborators: Please identify and describe roles	Collaboration with Zimbabwe Occupational Health Nurses Association (ZOHNA)				
Number of participants:	15				

Publication or provision of CD/DVD proceedings:	Nil
Book of abstracts:	Nil
Book of selected proceedings:	Nil
Special issue of peer reviewed journals:	Nil
Assessment of success/impact:	Members attending indicated on evaluation feedback that they could use more than 60-80% of content and lessons learnt in their practice

(2) Name of the event:	Woman in Industry, Woman's health.: A case of a Japanese Company				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
			X		
Date:	22 December 2023				
Venue:	Virtual				
Organizers:	Dr M Sasaki				
Co-organizers and Collaborators: Please identify and describe roles	SCOHN and Japanese Society of Occupational Health (J-SOH) collaborated. JSOH provided the expert speakers.				
Number of participants:	12				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:	Members from SCOHN, SASOHN & HCP from South Africa, and J-SOH from Japan attended. Very informative, concise, and well-planned meetings were the predominant feedback on the evaluation form for this lunchtime workshop				

(3) Name of the event:	How does organ donation affect workers in the industry? How does the process work
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Type of event (please check):	Conference	Seminar	Workshop	Course	Other
			X		
Date:	13 March 2024				
Venue:	Virtual				
Organizers:	SCOHN Committee				
Co-organizers and Collaborators: Please identify and describe the roles					
Number of participants:					
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success/impact:					

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Nil to report on

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide the event name, dates, location, name, and role of each SC. Provide relevant details of other collaborations with SCs.)

Talks with the SC on Hygiene who was developing an interprofessional short course in OH.

Collaborate with the following SCs on an ad hoc basis:

1. SC on Occupational Medicine,
2. SC OH for Health Care Workers
3. SC Women's Health and Work

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Nil

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Nil

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

SCOHN Special session:

Dr Estuko Yokshikawa Education and training for Occupational Health nurses in Japan

Dr Penny Orton Blended learning for students and how it has impacted training

Ziv Karni-Efrati The moderating effect of care burden and subjective age on mental health among formal caregivers during the pandemic

Kim Davies Enhancing Occupational Health Nursing Through Practice. - COVID-19 the gap in clinical services – a research concept close

SCOHN Session

Dr Hirdi Henriett European survey on the education and tasks of occupational health nurses

Dr Penny Orton Explore the development of interprofessional education and practice (IPEC) in occupational health – a research concept.

Dr Karen Michell	Occupational health nurses as policy actors in the delivery of sustainable occupational health services
Dr Emine AKTAŞ BAJALAN	Evaluation of workers' health problems applied to orthopaedics and traumatology service due to accident using omaha system-based software
work program	

Triennium 2024-2027 Planned business meetings, conferences, seminars:
(Provide event name, dates, location, if possible)

Lunchtime workshop and business meeting 13 March 2024 (Virtually): How does one go about organ donation and how is it affected by industry?

Lunchtime workshop and business meeting 15 May 2024 (Virtually): Tribute to nurses and how they have contributed to the success of health for the future

Lunchtime workshop and business meeting 10 July 2024 (Virtually): How does the world population contribute to the global economy and what changes are we seeing in the workplace

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:
(Provide event name, dates, location, collaborating SCs, and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:
(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:
(Provide proposed title, authors, timeframe, publication vehicle, if possible.
*Guidelines and Position Papers must be approved **before publication** by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

*(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note the anticipated impact. Give examples where possible.)*

The virtual platform has allowed reaching more members. This has enabled the committee to meet as well and discuss matters about the SC. The virtual sessions improved the global reach and equipped practitioners with the most needed skills for dealing with post-COVID issues in the workplace.

The objective with regards to facilitating communication, education, research, and practice in occupational health and safety was fully achieved through the Lunchtime session arranged. The objective of working towards the enhancement of international standards and guidelines in occupational health practice we still have quite a lot of work to do in achieving this goal. It is a point to transfer to the next committee. By incorporating SA and Zimbabwe we partially achieved support for developing countries by incorporating and having the Societies assist in giving webinars. In respect of global influence consider the talks we started with Prof Fuller. We also have DR Kirsi Lappalanine from the Finish Institute moved onto the ICOH board. ...

The SC contributed significantly to the practice of Occupational Health especially on the key strategic goals of women at workplaces. Furthermore, the SC brought to prominence the special role it has played in capacity development through its webinars. SSCOHN also provided a platform for OH practitioners to contribute to the overall objectives of SCOHN.

The SC managed to disseminate knowledge and information on a very critical and prevalent issue of mental health. A virtual webinar on resilience in the workplace addressed the psychological and mental health issues facing employees post COVID.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members: 57 SCOHN Members as at March 2023

Title	First Name	Last Name	Country
Prof.	Mikako	Arakida	Japan
Mrs	Gema	AREVALO ALONSO	United Kingdom
Ms	M. Amparo	BENAVENT	Spain
Ms	Janine	BIGAIGNON - FANCHETTE	France

Mrs	Theresa Margaret	BOSMAN	South Africa
Prof.	Barbara Jean	BURGEL	USA
Mrs	Angela Dawn	BUTKOVIC	South Africa
Ms	Kim	DAVIES	South Africa
Prof.	Julia	FAUCETT	USA
Ms	Annette B	HAAG	USA
Dr.	Yuriko	HACHIYA	Japan
Mrs	Patricia Anne	HARRISS	United Kingdom
Dr.	Karen Louise	HEATON	USA
Ms	Henriett Eva	HIRDI	Hungary
Mr.	Sujit	JADAV	India
Ms	Waruntorn	JONGRUNGROT SAKUL	Thailand
Ms	Annette	JÖRGENSEN	Sweden
Dr.	Thanee	KAEWTHUMM ANUKUL	Thailand
Mr.	Ajay	KAKADIYA	India
Prof.	Satori	KAKEMOTO	Japan
Ms	Megan	KINGHAM	Australia
Dr.	Kirsi Helena	LAPPALAINEN	Finland
Mrs	Jennifer	LUDWIG	South Africa
Mr.	Blessing Ngonidzaish e	MAVEMWA	Zimbabwe
Mr.	Rufino jr, Salcedo	MEDADO	Philippines
Dr.	Karen Elizabeth	MICHELL	United Kingdom
Ms	Vivian Aline	MININEL	Brazil
Mrs	Florence	MOYO	Zimbabwe
Mrs	Orippa	MUZVIDZIWA	Zimbabwe
Director	Yumi	NAKAO	Japan
Mrs	Princila	NGORORA	Zimbabwe
Prof.	Kazuko	NISHIDA	Japan
Mrs	Francisca Uche	OJOMO	Nigeria
Prof.	Yukiko	OKUI	Japan
Mrs	Penelope Margaret	ORTON	South Africa
Miss	Maria Amparo	ORTUNO	Spain
Ms	Judith S	OSTENDORF	USA
Dr.	Paula maria	PENA SALGUERO	Spain

Mrs	Louwna Joubert	PRETORIUS	South Africa
Mrs	Margot	PRETORIUS	South Africa
Mrs	Jennifer M.	RADFORD	United Kingdom
Ms	Susan A.	RANDOLPH	USA
Prof.	Bonnie	ROGERS	USA
Ms	Kitta	ROSSI	Finland
Dr.	Yuka	SATO	Japan
Mrs	Jennifer Rose	SERFONTEIN	South Africa
Ms	Wanpen	SONGKHAM	Thailand
Ms	Julie M.C.	STAUN	Denmark
Dr.	Maria del carmen	TORRES GÁMEZ	Spain
Ms	Maria Luisa	TUPIA GONZALES	Peru
Mrs	Styliani	TZIAFERI	Greece
Dr.	Catharina	VAN ECK	Belgium
Ms	Catherine	VAN NIEKERK	South Africa
Dr.	Kazurou	YOSHIDA	Japan
Dr.	Etsuko	YOSHIKAWA	Japan
Dr.	Minako	Sasaki	Japan
Ms	Michiyo	Ito	Japan

Members who left the SC since the submission of the SC Midterm Report: There are none that SCOHN is aware of. No communication was received via email.



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: January 30th, 2024
Submitted by SC: **Occupational Medicine**

Name of Chair: Dr Gogillan Sevaratnam
Year of Appointment: 2022-2024
Email address: gogillan@gmail.com

Name of Secretary: Dr Ade Mutiara
Year of Appointment: 2022-2024
Email address: amutiara302@gmail.com

SC Website URL (if available):

Other SC Means of Communication: email

Focus and aim of the SC:

Promoting the exchange of Occupational Medicine best practices worldwide, allowing members to share and learn about each country's strengths in a specific approach.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Online Meeting

Date: March 31, 2023

Number of attendees: 8 committees

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**2) Business meeting:**

Venue: Kuala Lumpur - Malaysia

Date: September 23, 2023

Number of attendees: 4 committees

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	SCOM 2nd Webinar: Health Promotion in the Workplace				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	March 16 th , 2023				
Venue:	Online Zoom Webinar				
Organizers:	SCOM				
Co-organizers and Collaborators: Please identify and describe roles	Speakers from 3 countries: Dr Sid O'toole, Australia Dr. Jorge A. Morales Camino, Mexico Dr. Linda Forst, United States				
Number of participants:	123 participants				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					

Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	Participants get the understanding on developing and implementation on Health Promotion Program Plan

(2) Name of the event:	SCOM 3rd Webinar: Occupational Musculoskeletal Disorder				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	May 3rd, 2023				
Venue:	Online Zoom Webinar				
Organizers:	SCOM				
Co-organizers and Collaborators: Please identify and describe roles	Speakers from 3 countries: Prof. David McBride, New Zealand Dr. Sabahat Asim Wasti, Abu Dabi Dr. Marwan Behisi, Saudi Arabia				
Number of participants:	367 participants				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:					

(3) Name of the event:	SCOM 4th Webinar: Diagnosis of Occupational Disease				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	June 30th, 2023				
Venue:	Online Zoom Webinar				

Organizers:	SCOM
Co-organizers and Collaborators: Please identify and describe roles	Speakers from 3 countries: Prof. Dr Ehsan Rafeemanesh, Iran Prof. Dragan Mijakoski, North Macedonia Dr Chin Yin Chung Melvyn, Malaysia
Number of participants:	457 participants
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

(4) Name of the event:	SCOM 5th Webinar: Occupational Cancer: Asbestos & Its Menace				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	August, 25th, 2023				
Venue:	Online Zoom Webinar				
Organizers:	SCOM				
Co-organizers and Collaborators: Please identify and describe roles	Speakers from 3 countries: Prof. Emeritus Dr Leslie Stayner Denmark Dr Jate Ratanachina Thailand Dr Nonhlanhla Tlotleng - South Africa				
Number of participants:	99 participants				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					

Special issue of peer reviewed journals:	
Assessment of success / impact:	

(5) Name of the event:	1st International Conference of ICOH 0 Scientific Committee on Occupational Medicine				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X		X		
Date:	September 22 – 24, 2023				
Venue:	Kuala Lumpur, Malaysia				
Organizers:	SCOM				
Co-organizers and Collaborators: Please identify and describe roles	MSOHD (Malaysia Society of Occupational Health Doctors)				
Number of participants:	255 participants				
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:					

(6) Name of the event:	6th Webinar: In Remembrance of Ramazzini: Evolution of Occupational Medicine				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	November 10 th , 2023				
Venue:	Online Zoom Webinar				
Organizers:	SCOM				

Co-organizers and Collaborators: Please identify and describe roles	Speakers from 3 countries: Dr Yoko Tsurugi, Former Director for Minamata Public Health Center, Japan Prof Guilano Francco, Emeritus Fellow Collegium Ramazzini, Italy Dr Shyam Pingle, Indian Institute of Public Health Gandhinagar, India
Number of participants:	362 participants
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

Any other points of relevance:**PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027****Planned Scientific Contributions to the ICOH2024 Congress:**

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Special Session– Occupational Cancer – What Are We Missing?

Special Session- Occupational Health for Indigenous & Migrant Workers: Challenges & Opportunities

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

2nd International SCOM Conference in Peru

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Collaboration with SC on OH in the Construction Industry for a webinar in September 2024

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

Collaboration with Malaysian Society of Occupational Health Doctors (MSOHD) & Universiti Teknologi MARA (UiTM) for a conference during World OSH Day on 23rd April 2024

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

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SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members (attached)

Name:

Email address:

Title	First Name	Last Name
Dr.	Lead eric m.	ABELGAS
Dr.	Ioannis	ADAMOPOULOS
Dr.	Gustavo	AGUIAR BALENA DE FARIA
Dr.	Issaka Yakubu	AKPARIBO
Dr.	Mehmet Erdem	ALAGUNEY
Dr.	Syed junaid	ALAM
Dr.	Ahmed	ALBADRY

Dr.	Sandra	ALBINO
Dr.	Mohan Gopal	ATERKAR
Prof.	Ademola Olugbenga	AWOYEMI
Dr.	Abhyudaysinh	BARAD
Dr.	Rose karen	BARTHOLOMEW
Dr.	Kheireddine	BEN AYED
Dr.	Yothin	BENJAWUNG
Dr.	Genevieve	BENOIST
Dr.	Edmond	BEREJENA
Prof.	Jens Peter	BONDE
Prof.	Vincent	BONNETERRE
Dr.	Cinthya fiorella	BUSTAMANTE
Dr.	Johnny Hugo	CALDERON VARGAS
Dr.	Arch "Chip"	Carson
Dr.	Carmen	CASANA
Dr.	Chung-yen	CHEN
Dr.	Melvyn Yin Chung	CHIN
Mr.	Elwin Tinashe	CHINAMANO
		CHITTUR
Dr.	Manoj kumar	GOPALAKRISHNAN
Dr.	Benjamin	CHOONG
Prof.	Pierluigi	COCCO
Prof.	Claudio	COLOSIO
Dr.	Peter Anthony	CONNAUGHTON
Dr.	Charles Austin	CROPPER
Dr.	Henry Alexander	CUEVA
Prof.	Stefania	CURTI
Dr.	Annamaria	DE LUCA
Dr.	Fabiana	DEL POZO
Dr.	Juan Luis	DELGADO
Dr.	Amer	DOBRACA
Prof.	Timothy	DRISCOLL
Dr.	Indrashree	DUSANE
Dr.	Almahir	FERDOUS
Prof.	Linda Susan	FORST
Dr.	José Jesus	FRANCIA ROMERO
Dr.	Reynaldo Eduardo	FRANCO NUNEZ
Prof.	Monique	FRINGS-DRESEN
Dr.	Tomislav	FURLAN
Dr.	Shirish H.	GANDHI
Dr.	Blessing	GARAMUMHANGO
Dr.	Luis roberto adolfo	GARCIA GIRON
Dr.	Marco Antonio	GARCIA SAENZ
Dr.	Barry Steele	GILBERT
Dr.	Lode	GODDERIS
Dr.	Viviana	GOMEZ SANCHEZ

Dr.	Shilpa	GOWDA
Dr.	George reed Muthenahalli	GRIMES
Dr.	Giriyappa	HARISHANKAR
Dr.	John	HARRISON
Dr.	Patrick Madoda	HLANGWANE
Dr.	Manuel Antonio	HUAMAN PISCONTI
Dr.	Vishnumohan	JANARDHANAM
Dr.	Olaf Chresten	JENSEN
Prof.	Xiangdong	JIAN
Dr.	Hilko Walter	JOHANNSMIEIER
Dr.	Sunil Kumar	JOSHI
Dr.	Takeyasu	KAKAMU
Dr.	Girish Varadaraju	KALMADY
Prof.	Dongmug	KANG
Dr.	Margaret Mary	KITT
Dr.	Alkinoi	KRIKELLA
Dr.	Xingya	KUANG
Mr.	Kyeongmin	KWAK
Dr.	Santanam Balaji	LAKSHMIPURAM
Dr.	Mounym	LARHLID
Prof.	Sung soo	LEE
Dr.	Timo Juhani	LEINO
Dr.	Annet	Lenderink
Dr.	Olivier	LO
Dr.	Nereshni	LUTCHMAN
Dr.	Musa Nyandusi	LWEGADO
Dr.	Fernando akio	MARIYA
Dr.	Jitendra kumar	MEENA
Dr.	Raul alexander	MIRZA
Dr.	Atul	MISHRA
Prof.	Jacqueline	MOLINE
Dr.	Aquiles	MONROY
Dr.	Lesley Alicia	MORALES CHUMACERO
Dr.	Edgar Alberto	MORENO AROSEMENA
Dr.	Suvarna maneesh	MOTI
Prof.	Katsuyuki	MURATA
Dr.	Ade	MUTIARA
Dr.	Enrico	ODDONE
Dr.	Anton	OJONG
Dr.	Charles babajide	ONIGBOGI
Dr.	Francisco	PALENCIA-SANCHEZ
Dr.	Miriam Esther	PANDURO
Dr.	Parmitasari	PARMITASARI
Dr.	Mirko	PEZOA
Dr.	Tevfik	PINAR

Dr.	Addler	QUEZADA PALACIOS
Dr.	Wilder Erick	RABANAL
Dr.	Ehsan	RAFEEMANESH
Dr.	Armand Gabriel	RAJNOVEANU
Dr.	Liliana	Rapas
Dr.	Kimmo P. O.	RÄSÄNEN
Dr.	Jate	RATANACHINA
Dr.	Firly	RATSMITA
Dr.	Alex	REID
Dr.	David Michael	REMPEL
Dr.	Marilou	RENALES
Dr.	Juan ignacio	RINCON
Dr.	James Alexander	ROSS
Dr.	Noer Triyanto	RUSLI
Dr.	Rajat Kumar	SAHA
Dr.	Monalisha	SAHU
Dr.	José Miguel	SANABRIA LÓPEZ
Dr.	David	SANCHEZ CALLE
Prof.	Riitta Sinikka	SAUNI
Dr.	Marie-Noelle	SCHMICKLER
Dr.	Gogillan	SEVARATNAM
Dr.	Brett	SHANNON
Dr.	DEEPAK	SHARAN
Prof.	Agim	SHEHI
Prof.	Malcolm	SIM
Dr.	Dewi Sumaryani	SOEMARKO
Dr.	Sakthivelraj	SUBRAMANIAN
Dr.	Afrionaldi	SUPARMAN
Dr.	Milena	TABANSKA-PETKOVA
Dr.	Claudio Hernan	TABOADELA
Dr.	Loubna	TAHRI
Dr.	Darius	TANDIABANG
Dr.	Ashish Akshay	TRIVEDI
Ms	Maria Luisa	TUPIA GONZALES
Dr.	Maria Alejandra	URDAY PAREJA
Dr.	Gert	VAN DER LAAN
Dr.	Jos H.A.M.	VERBEEK
Prof.	Abdallah Amani	WAHEED EL-DIN
Dr.	André N.H.	WEEL
Dr.	Rao Muhammad	YOUNIS
Dr.	Moazzam ali	ZAIDI
Dr.	Giulio	ZANOTTI

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

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The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 28.02.2024

Submitted by SC: **Occupational Toxicology**

Name of Chair: Silvia Fustinoni

Year of Appointment: 2022

Email address: silvia.fustinoni@unimi.it

Name of Secretary: Radu DUCA

Year of Appointment: 2022

Email address: radu.duca@lns.etat.lu

SC Website URL (if available): <https://www.hsl.gov.uk/online-ordering/analytical-services-and-assays/biological-monitoring/icoh-scientific-committee-on-occupational-toxicology>

Other SC Means of Communication: LinkedIn group - ICOH Scientific Committee on Occupational Toxicology (<https://www.linkedin.com/groups/4547078/>); A Research Gate project for promoting ISBM 12 is on line.

Newsletter: communication with members via newsletter is performed unregularly; newsletter is sent via e-mail

Focus and aim of the SC:

The mission of SCOT is to promote research in all areas of occupational toxicology. A current focus of SCOT is the use of biological monitoring (BM) in exposure assessment and intervention in workplaces and the general environment based on solid scientific and ethical principles.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting: SCOT Online Business Meeting

Venue: Online

Date: 31.08.2022

Number of attendees: 18

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 01/03/2023

2) Business meeting: ISBM-12

Venue: Porto, Portugal

Date: 22.06.2023

Number of attendees: 8

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 26/11/2023

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	12th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-12) in Porto, Portugal				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x				
Date:	June 21 - 23, 2023.				
Venue:	Porto, Portugal				
Organizers:	Scientific Committee on Occupational Toxicology				
Co-organizers and Collaborators: Please identify and describe roles	Scientific Committee on Nanomaterial Workers' Health, the Scientific Committee of Rural Health: Agriculture, Pesticides and Organic Dusts and the Scientific Committee of Toxicology of Metals.				
Number of	172				

participants:	
Publication or provision of CD/DVD proceedings:	Currently a special issue is under reviewing process in Toxicology Letters. July 2023 a SCOT Newsletter has been send to all our members.
Book of abstracts:	The book of abstract is available on line at: https://www.isbm12.com/home
Book of selected proceedings:	
Special issue of peer reviewed journals:	Toxicology Letters
Assessment of success / impact:	The participation confirms the high interest for this congress: there were a total of 172 delegates of 28 different countries from Europe, Africa, Asia, and America (North and South), 5 keynotes lectures, 70 oral presentations, from participants distributed in 12 Sessions, and 70 posters.

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

Since several SCOT members are also part of the European Partnership for the Assessment of Risks from Chemicals (PARC), the OECD Effect-biomarker/AOP activity, which is a joint project of OECD's Working Party on Hazard Assessment (WPHA) and Working Party on Exposure Assessment (WPEA), and of the International Society of Exposure Sciences (ISES), more synergies and collaboration will be fostered.

Any other points of relevance:

A SCOT working group, leaded by Giovanna Tranfo, is undergoing a **Survey on the use of Human Biological Monitoring (HBM) in the real world**. This is a collaborative project among SCOT members.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

1. ORAL SCIENTIFIC SECTION ON **OCCUPATIONAL TOXICOLOGY AND NEUROTOXICOLOGY** WAS SUBMITTED AND ABSTRACTS BEEN REVIEWED
2. ORAL SCIENTIFIC SECTION ON **HUMAN BIOMONITORING** WAS SUBMITTED AND ABSTRACTS BEEN REVIEWED
3. ABSTRACT REVIEWING WAS DONE BY INVOLVING SCOT MEMBERS
4. SCOT Business meeting will be held.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

13th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-12) in Milan, Italy organized by University of Milan and Chaired by Prof. Silvia Fustinoni

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

The ISBM symposium is traditionally organized by SCOT in collaboration with other ICOH's Scientific Committees, like the Scientific Committee on Nanomaterial Workers'

Health, the Scientific Committee of Rural Health: Agriculture, Pesticides and Organic Dusts and the Scientific Committee of Toxicology of Metals.

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

- ☒ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

First Name	Last Name
Issaka Yakubu	AKPARIBO
Mohan Gopal	ATERKAR
Peter	BOOGAARD
Johnny Hugo	CALDERON VARGAS
Sultan Pinar	CETINTEPE
Sunisa	CHAIKLIENG
Chiara	COSTA
Henry Alexander	CUEVA
Giuseppe	DE PALMA
Marco	DELL'OMO
Radu-Corneliu	DUCA
Uche Josiah	ENUMAH
Ayman Ekram	FAHIM
Aida Lucia	FAJARDO MONTIEL
Concettina	FENGA
Michael L.	FISCHMAN
Vivian Chan Sau	
Wai	FUNG
Tomislav	FURLAN
Silvia	FUSTINONI
Angela	GAMBELUNGHE
Fabriziomaria	GOBBA
Doan ngol	HAI
Ivo	Iavicoli
Gaku	ICHIHARA
Masayuki	IKEDA
Xiangdong	JIAN
Kate	JONES
Heiko Udo	KÄFFERLEIN
Fatih	KEPEZ
Kannan	KRISHNAN
Manuel Francisco	LANDA-ROMERO
Se-Hoon	LEE
Sung soo	LEE
Veruscka	LESO
Jyrki	LIESIVUORI
Piero	LOVREGGIO
Larry K.	LOWRY
Santiago	MAFFIA BIZZOZERO
Stefan	MANDIC-RAJCEVIC
Maurizio	MANNO
	MORALES
Lesley Alicia	CHUMACERO
Antonio	MUTTI
Renaud	PERSOONS

Beerappa	RAVICHANDRAN
Jae Hoon	ROH
Paul	SCHEEPERS
Tiina	SANTONEN
Yasuhiro	TAKEUCHI
Glenn	TALASKA
Joao Paulo	TEIXEIRA
Giovanna	TRANFO
Catharina	VAN ECK
Steven	VERPAELE
Claude	VIAU
Maged	YOUNES
Sergej	ZACHAROV
José	ZERTUCHE
Sabrina	GRAVEL

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

**The SC Final Report covers the period March 2023 – January 2024.
Please submit it no later than January 1, 2024 to:**

Vice President: Claudina Nogueira claudinanogueira@hotmail.com
cmcanogueira@gmail.com
Secretariat General icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 29th January 2024
Submitted by SC: **Radiation and Work**

Name of Chair: Marc Wittlich
Year of Appointment: 2018
Contact Information:
marc.wittlich@dguv.de
Head of Department "Accident Prevention: Digitalisation - Technologies"
Institute for Occupational Safety and Health of the German Social Accident Insurance
Deutsche Gesetzliche Unfallversicherung e.V. (DGUV)
Alte Heerstr. 111, 53757 Sankt Augustin, Germany
Phone: +49 30 13001-3500

Name of Secretary: Alberto Modenese
Year of Appointment: 2018
Contact Information:
alberto.modenese@unimore.it
MD, PhD, Tenure-track Professor of Occupational Medicine
Department of Biomedical, Metabolic and Neural Sciences
University of Modena & Reggio Emilia

Via Campi 287 - 41125 Modena (Italy)
Tel. +39 059 205 5475

SC Website URL (if available): <http://www.grelf.unimore.it/>

Other SC Means of Communication: mailing list of the members

Focus and aim of the SC: The main aim of the Scientific Committee on Radiation and Work of the ICOH is to stimulate an international exchange of experiences on research programmes, methodology and practice in the field of:

- exposure of workers to Ionizing Radiation (IR) and Non Ionizing Radiation (NIR), including Electromagnetic Fields (EMF) and Optical Radiation (OR)
- the prevention and health promotion of exposed workers.

The activities of the Scientific Committee on Radiation and Work are intended to provide a unique multidisciplinary and interdisciplinary network for sharing knowledge and advancements in the general field of occupational and environmental exposure of workers to IR and NIR, on adverse health effects, methodology and legislation, and any other topic of interest in the general field of protection and health promotion of IR and NIR exposed workers.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: online

Date: 10th October 2023

Number of attendees: 72 in total: 65 external participants (observers) + 7 SC R&W members

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): 29/1/2024

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	2023 webinar of the ICOH Scientific Committee “Radiation and Work”				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	10 th October 2023				
Venue:	online				
Organizers:	ICOH SC Radiation and Work				

Co-organizers and Collaborators: Please identify and describe roles	/
Number of participants:	72
Publication or provision of CD/DVD proceedings:	Recording of the event https://drive.google.com/file/d/1Co-cTWQo6ILC1zQ6AUzAs4p5GRtfTMFi/view?usp=share_link Report in the ICOH newsletter n. 3 December 2023
Book of abstracts:	/
Book of selected proceedings:	/
Special issue of peer reviewed journals:	/
Assessment of success / impact:	The ICOH Scientific Committee "Radiation and Work" organized a webinar on topics related to the prevention of occupational risks in workers exposed to ionizing and non ionizing radiation. The event was successful as more than 70 participants from all the World's areas participated to the webinar

(2) Name of the event:	INTERNATIONAL ADVISORY COMMITTEE MEETING ON NON IONIZING RADIATION - 2023 Meeting of the UV Programme and of the International EMF Project				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
Date:	6-8 June 2023				
Venue:	Geneva (CH) + online				
Organizers:	World Health Organization, Radiation Programme				
Co-organizers and Collaborators: Please identify and describe roles.	ICOH SC R&W participates with experts on occupational optical radiation and EMF exposure				
Number of participants:	100				
Publication or provision of CD/DVD proceedings:	/				
Book of abstracts:	/				

Book of selected proceedings:	Online publication of the presentations available via email for the participants to the workshop
Special issue of peer reviewed journals:	/
Assessment of success / impact:	About 100 experts in Non-Ionizing radiation exposure, health effects and prevention with different background and representing many Countries of the World took part in the discussion, with the coordination of the World Health Organization. ICOH SC R&W input was important in particular for the topic of occupational exposure and preventive strategies to be applied in workplaces.

(3) Name of the event:	MODERNET CONGRESS MILAN 2023				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	12-13 October 2023				
Venue:	Milan (Italy)				
Organizers:	MODERNET (Monitoring Occupational Diseases and tracing New and Emerging Risks in a NETwork, international scientific association: https://www.modernet.info/)				
Co-organizers and Collaborators: Please identify and describe roles	ICOH SCs: Rural Health, Radiation and Work, Effectiveness in Occupational Health Services				
Number of participants:	>50				
Publication or provision of CD/DVD proceedings:	Online publication of the presentations available via email for the participants to the workshop				
Book of abstracts:	/				
Book of selected proceedings:	/				
Special issue of peer reviewed journals:	/				
Assessment of success / impact:	The 2023 Milan MODERNET meeting with more than 50 participants from different EU and non-EU countries was a unique occasion of exchange on different topics of Occupational Medicine, including non-ionizing radiation exposure and prevention of health risks associated to EMF and UV radiations, including also considerations on climate change. Four presentations of the Conference were specifically on these topics. Moreover, the meeting				

	represented an important occasion of collaboration among different ICOH Scientific Committees
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PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

- Modenese A, Chou BR, Ádám B, Loney T, Silva Paulo M, Tenkate T, Gobba F. Occupational Exposure to Solar Radiation and the Eye: A Call to Implement Health Surveillance of Outdoor Workers. Med Lav [Internet]. 2023 Aug. 2 [cited 2024 Jan. 29];114(4):e2023032. Available from: <https://www.mattioli1885journals.com/index.php/lamedicinadellavoro/article/view/14657>
- Marc Wittlich, Stephan Westerhausen, Benjamin Strehl, Helmut Versteeg, Wiho Stöppelmann, The GENESIS-UV study on ultraviolet radiation exposure levels in 250 occupations to foster epidemiological and legislative efforts to combat nonmelanoma skin cancer, *British Journal of Dermatology*, Volume 188, Issue 3, March 2023, Pages 350–360, <https://doi.org/10.1093/bjd/ljac093>
- Paulo MS, Symanzik C, Ádám B, Gobba F, Kezic S, van der Molen HF, et al. (2023) Risk of cutaneous squamous cell carcinoma due to occupational exposure to solar ultraviolet radiation: Protocol for a systematic review and meta-analysis. PLoS ONE 18(3): e0282664. <https://doi.org/10.1371/journal.pone.0282664>
- Adam B, Modenese A and Loney T (2024) ‘ Editorial: Occupation and cancer: new insights into burden, risk factors, and prevention. Front. Public Health 11:1343952. doi: 10.3389/fpubh.2023.1343952
- Würtz ET, Pughdahl K, Berglind IA, et al. O-209 A quantitative solar ultraviolet radiation job-exposure matrix for the general working population of Europe (UVR EuroJEM). *Occupational and Environmental Medicine* 2023;**80**:A20-A21.
- Alberto Modenese, Fabriziomaria Gobba. Chapter “The Occupational Health Surveillance of Workers Exposed to Electromagnetic Fields and the Problem of ‘Workers at Particular Risk’”, in *Electromagnetic Ergonomics*, Ed. J. Karpowicz, 1st Edition: First Published 2023 CRC Press, eBook ISBN9781003020486
- Paulo MS, Symanzik C, Maia MR, Lapão LV, Carvalho F, Conneman S, Dias JB, Gobba F, John SM, Loney T, Pinho C, Rodrigues A, Strehl C, Tenkate T, Wittlich M and Modenese A (2023) Digitally measuring solar ultraviolet radiation in outdoor workers: A study protocol for establishing the use of electronic personal dosimeters in Portugal. Front. Public Health 11:1140903. doi: 10.3389/fpubh.2023.1140903

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

- Collaboration with the SC “Rural Health” and “Effectiveness in Occupational Health Services” for the organization of the 2023 MODERNET meeting Milan 12-13 October 2023
- Collaboration with the SC “Occupational and Environmental Dermatoses” (OED) and “Effectiveness in Occupational Health Services” for the organization of the international symposium planned on 6th February 2024 in Lisbon + online entitled “Effective prevention of skin cancer in workers exposed to solar UV radiation”
- Collaboration with the SC OED in the event “Occupational and Non-occupational Skin Cancer: A Persisting Global Burden”, a Multi-Stakeholder Summit organized on 12 October 2023 ICOH SC OED with EADV, ILDS and GlobalSkin at the occasion of the 32. EADV Congress in Berlin, Germany.
- Organization together with ICOH SC OED of a Special Session on the prevention of UV-related occupational skin cancers to be planned at the upcoming 2024 ICOH world Congress in Marrakesh.
- Participation in the 29th International Symposium on Epidemiology in Occupational Health “EPICOH 2023” organized by the ICOH SC EPICOH in Mumbai (India) in March 2023.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

- Participation of the ICOH SC R&W to the activities of the 2023 INTERNATIONAL ADVISORY COMMITTEE MEETING ON NON IONIZING RADIATION (UV Programme + International EMF Project) organized by the WHO Radiation Programme in Geneva (+online) from 6 to 8 June 2023.
- Participation of ICOH SC R&W members as external technical advisors to the WHO Radiation programme project for publishing a monograph on Health Risk assessment of radiofrequency exposure
- Support, with the previous work of ICOH SC R&W members in the years 2017-22, of the final publication, launched on 8th November 2023, of the joint WHO and ILO estimates on the global burden of Non-melanoma Skin Cancers associated to occupational solar radiation exposure.
- Invitation of WHO Radiation programme and ILO representative to a special session organized by the ICOH Scientific Committee “Radiation and Work” at the upcoming 2024 ICOH World Congress

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

- ICOH SC Radiation and work is actively collaborating with the German Institutes of Social Accident Insurance DGUV and its research institute IFA for the prevention of the risk related to solar UV radiation exposure at work and the proper recognition of UV-induced occupational skin cancers.

- Italian members of the ICOH SC Radiation and work are actively participating to the activities of the Italian Association on Medical Radioprotection (AIRM, <https://airm.name/>) and of the Italian Society of Occupational Medicine (SIML, <http://www.simlii.it/>), with scientific presentations related to the topic of the prevention of occupational EMF and UV exposure risks at the annual national conferences of the two Associations, respectively held in Ischia (Naples, Campania, Italy) from the 22nd to the 24th of May 2023 and in Turin (Piemonte, Italy) from the 20th to the 22nd September 2023.
- ICOH SC Radiation and Work is further developing the recently collaborations with international associations, as the “Information Systems Security Association” (ISSA) and the “Australian Radiation Protection and Nuclear Safety Agency” (ARPANSA), having organized with them and/or their participation joint webinars, and inviting their representatives to the 2024 ICOH world Congress.

Any other points of relevance:

No other points of relevance to be discussed

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

- Organization of a special session for the ICOH2024 Congress entitled: “Special Session Title: “Prevention of exposure to radiation risks: Current updates and implications for workers health”
- Organization of a joint special session for the ICOH2024 Congress with the SC “Occupational and Environmental Dermatoses” entitled “Solar UV radiation exposure and occupational skin cancers”
- Organization of an oral session based on the accepted abstract received on topics of prevention of occupational risks related to ionizing and non-ionizing radiation exposure.
- Discussion of posters based on the accepted abstract received on topics of prevention of occupational risks related to ionizing and non-ionizing radiation exposure.
- Organization of a Business Meeting of the SC R&W during the ICOH2024 Congress.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

- Organization of at least a Business Meeting per year, to be planned in presence (e.g. in 2024 during the 2024 ICOH World Congress) and/or online.
- Organization of an international symposium planned on 6th February 2024 in Lisbon + online entitled “Effective prevention of skin cancer in workers exposed to solar UV radiation”, in collaboration with the SC “Occupational and

Environmental Dermatoses” (OED) and “Effectiveness in Occupational Health Services”

- Organization of an international symposium in the occasion of the 2024 national congress of the Italian Medical Radioprotection Association (AIRM) on the 20th May 2024 in Reggio Emilia (Italy) + online (hybrid event)
- Organization of further international symposium/workshops in presence and/or online on topics of prevention of occupational risks related to ionizing and non-ionizing radiation exposure: at least one in the years 2024-27

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

- To continue the collaboration with the ICOH SC “Occupational and Environmental Dermatoses” (OED), organizing events and meetings on the common topic of the prevention of the risk related to solar UV exposure for the reduction of skin cancers’ burden, such as the planned joint special session at the upcoming 34th ICOH Congress.
- To continue the collaboration with the ICOH SC EPICOH after the participation to the 28th and 29th International Symposium on Epidemiology in Occupational Health (2021 and 2023 editions), evaluating the possibility to send scientific contributions for other EPICOH conferences and congresses planned in 2024-27.
- To continue the collaboration with the SC “Effectiveness in Occupational Health Services” (EOHS) and possibly “Rural Health”, organizing other joint common initiative as the 2023 MODERNET Meeting in Milan and the upcoming symposium on 6th February 2024 with EOHS (and OED, see above).

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

- Participation of the SC to the INTERNATIONAL ADVISORY COMMITTEE MEETINGS ON NON-IONIZING RADIATION organized annually by the WHO Radiation Programme, and planned in 2024, 2025, 2026 and 2027.
- To assure the collaboration of the SC Radiation and Work to specific initiatives carried on by WHO and/or ILO for the prevention of ionizing and non-ionizing radiation health risks in exposed individuals. E.g. the recently closed WHO and ILO estimates for the evaluation of the burden of NMSCs related to solar UV radiation exposure at work and the ongoing WHO Radiation programme project to publish a monograph on radiofrequency health risk assessment.
- ICOH SC Radiation and Work is further developing the recently collaborations with international associations, as the “Information Systems Security Association” (ISSA) and the “Australian Radiation Protection and Nuclear Safety Agency” (ARPANSA), having organized with them and/or their participation joint webinars in the period 2021-24, and inviting their representatives to the 2024 ICOH world Congress. Same initiatives will be proposed in the triennium 2024-27.
- Keeping ongoing collaborations, the German Social Accident Insurance DGUV and its research institute IFA for the prevention of the skin cancer risk in solar UV exposed workers, as well as with the Scientific Associations active in the field of Radioprotection, such as the Italian AIRM.

- To develop new activities for the prevention of NIR-related health risks with other scientific organizations and associations, such as the ICNIRP, the BIOEM society, ISORED, IARC, IRPA and others.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

- A systematic review to evaluate the association between occupational solar UV radiation exposure and cutaneous squamous cell carcinoma.

- A systematic review to evaluate the effectiveness of available interventions for the prevention of skin cancers related to solar UV radiation exposure at work.

- Indications on the prevention of ionizing and non-ionizing radiation health risks at work in book chapters of e.g. Kanerva’s occupational dermatology and Hunter’s Occupational Diseases

- Scientific publication(s) on NIR topics as e.g. the interference of EMF with active implanted and wearable medical devices in workers and/or the development of methods to evaluate the occupational NIR exposure

Any other points of relevance:

No other points of relevance to be discussed

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The activities of the ICOH SC Radiation and Work in the field of non-ionizing radiation occupational exposure and prevention of the related adverse effects in workers have been widely recognized

The SC has been invited to participate every year to the annual IAC meeting organized by the Radiation Program of the WHO with more than one hundred multidisciplinary experts from all over the world, to discuss the most recent issues related to the topics of UV and EMF exposures.

Several members of the SC have been recruited during these years to participate to various international multidisciplinary research projects and scientific initiatives, as e.g. the above-mentioned WHO/ILO estimates of the global burden of NMSC related to occupational solar UVR exposure and the WHO monograph on radiofrequency health risk assessment.

The SC is organizing two special sessions (one co-organized with the SC “OED”) and one “free paper” session at the 2024 ICOH Congress: more than twenty speakers and 100 participants are planned to be involved in these sessions. The same activities have been also successfully organized for the 2022 ICOH world Congress.

Recently the ICOH SC “Radiation and Work” has developed various activities also for the prevention of ionizing radiation occupational risks, as those in the 2022 world Congress and 2023 ICOH SC R&W webinar, as well as the planned activities in the 2024 world congress and the international symposium jointly organized with the Italian Association of Medical Radioprotection. The SC has also collaborated in 2022 for the IAEA conference “International Conference on Occupational Radiation Protection” and is developing further collaborations with associations active in the ionizing radiation risk prevention area, such as. IARC and IRPA.

In conclusion, the members of the SC have developed, and they are still developing, several activities related to the topic of the prevention of “Radiation and Work” health risks. The results of these activities are also published in international peer-reviewed scientific journals and book chapters, and the SC members actively participate to granted national and international research projects on these topics. The members of the SC also give an important contribute in their Countries, collaborating with scientific societies interested in the field of “Radiation and Work” and public national organizations in the field of occupational risks preventions, organizing preventive campaigns, scientific events and other activities.

PART V - Evaluation of this SC Final Report form

☒ This form is acceptable

☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Please see the Members’ list in the attachment

Members who left the SC since the submission of the SC Midterm Report:

No information on members leaving the SC



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date:

4 February 2024

Submitted by SC:

**Rural Health: Agriculture, Pesticides
and Organic Dusts**

Name of Chair:

Dr. Sashikala Chandrasekar

Year of Appointment:

2022

Email address:

sashishekar@hotmail.com

Name of Secretary:

Dr. Stefan Mandić-Rajčević

Year of Appointment:

2022

Email address:

stefan.mandicrajcevic@gmail.com

SC Website URL (if available): www.icohrural.org

Other SC Means of Communication: Website & E mail

Focus and aim of the SC:

The Scientific Committee on Rural Health will address the Occupational Hazards in Agriculture, Pesticides handling & Organic Dusts and their impact on health and regarding biological risk of zoonoses in animal breeding. The Scientific Committee also focuses on health surveillance of agricultural workers and the structure and contents of

occupational health services. The Committee will promote awareness about the hazards and will suggest remedial & preventive actions & will also collaborate with other Organizations active in Rural Health.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: EPICOH, World Trade Centre, Mumbai, India

Date: March 16, 2023

Number of attendees: 2

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	EPICOH 2023				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	March 14 – 17, 2023				
Venue:	World Trade Centre, Mumbai, India				
Organizers:	Indian Association of Occupational Health, Mumbai branch & SC Epidemiology in Occupational Health				
Co-organizers and Collaborators: Please identify and describe roles	SC Rural Health participated. Prof. Claudio Colosio, Prof. Pierluigi Cocco, Prof. Vivi Schlunssen and Dr. Sashikala Chandrasekar were the speakers from SC Rural Health.				
Number of participants:	About 350				
Publication or provision of CD/DVD proceedings:	----				
Book of abstracts:	Yes				
Book of selected proceedings:	-----				
Special issue of peer	yes				

reviewed journals:	
Assessment of success / impact:	Attended by many national and international delegates

(2) Name of the event:	ASSP India Professional Development Conference				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	April 28 – 29, 2023				
Venue:	AC Tech campus, Anna University, Chennai, India				
Organizers:	American Society of Safety Professionals, India, with ICOH SC on OH in Construction Industry and Department of Applied Science and Technology and Centre for Industrial Safety, Anna University				
Co-organizers and Collaborators: Please identify and describe roles	ICOH Scientific Committee on Rural Health: Agriculture, Pesticides and Organic Dusts participated. Prof. Gert van der Laan, Prof. Claudio Colosio and Dr. Sashikala Chandrasekar from SCRH were among the scientific committee members.				
Number of participants:	About 200				
Publication or provision of CD/DVD proceedings:	Yes				
Book of abstracts:	Yes				
Book of selected proceedings:	---				
Special issue of peer reviewed journals:	----				
Assessment of success / impact:	Attended by many Safety Professionals and Post Graduate students. Importance of Health & Safety was insisted				

(3) Name of the event:	International Association of Rural Health & Medicine (IARM) 2023 Cogress				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	September 14 – 16, 2023				
Venue:	Serbian Academy of Sciences and Arts, Belgrade, Serbia				

Organizers:	IARM and Serbian Academy of Sciences and Arts-Board for Rural Issues,
Co-organizers and Collaborators: Please identify and describe roles	ICOH Scientific Committee on Rural Health, University of Belgrade Faculty of Medicine and Serbian Institute of Occupational Health. Prof. Colosio, Prof. Bulat, Dr. Rajcevic and Prof. Angelo Moretto were the speakers from SCRH
Number of participants:	About 80
Publication or provision of CD/DVD proceedings:	----
Book of abstracts:	yes
Book of selected proceedings:	-----
Special issue of peer reviewed journals:	-----
Assessment of success / impact:	Challenges and issues faced by the workers in agricultural sector were discussed in the presentations

(4) Name of the event:	SDG Summit and the Science Summit, UNGA 78				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
					√
Date:	September 18-24, 2023				
Venue:	UN HQ, New York.				
Organizers:	United Nations				
Co-organizers and Collaborators: Please identify and describe roles	Organizers of UN side events Dr. Sashikala Chandrasekar was an invited participant.				
Number of participants:	Above 200 in each different program				
Publication or provision of CD/DVD proceedings:	yes				
Book of abstracts:	----				
Book of selected proceedings:	-----				

Special issue of peer reviewed journals:	-----
Assessment of success / impact:	Sessions on Agroecology, Pesticides, Climate change, Universal Health Care, Generational and Gender equality, SDG Digital, WHO and Inclusive ecosystem were attended by many delegates and were informative and interesting.

(5) Name of the event:	23rd World Conference on Safety & Health at Work				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	27-30 November 2023				
Venue:	International Convention Centre, Sydney, Australia				
Organizers:	International Labour Organization (ILO), International Social Security Association (ISSA) and New South Wales Government.				
Co-organizers and Collaborators: Please identify and describe roles	Dr. Sashikala Chandrasekar participated as a Fellow of the Congress and as a speaker in the session organized by the ISSA section on Prevention in Health Services and the ISSA section on Prevention in Transportation -- "Vision Zero for Mobile Workplaces".				
Number of participants:	More than 3500				
Publication or provision of CD/DVD proceedings:	Yes				
Book of abstracts:	Yes				
Book of selected proceedings:	Yes				
Special issue of peer reviewed journals:	-----				
Assessment of success / impact:	It was a platform for the exchange of knowledge, best practices, and experiences to promote safe and healthy work for all.				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

SCRH collaborated with the following 5 ICOH SCs for EPICOH 2023

1. SC Epidemiology in Occupational Health
2. SC Occupational Health and Development
3. SC Mining Occupational Safety & Health
4. SC on Occupational Health in the Chemical Industry
5. SC on Musculoskeletal Disorders

SCRH collaborated for ASSP India Conference with

1. SC OH in Construction industry

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

WHO Session in UNGA 78 at UN HQ attended by Dr. Sashikala Chandrasekar

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

1. International Association of Rural Medicine (IARM)
2. American Society of Safety Professionals, India
3. Indian Association of Occupational Health
4. Centre for Industrial Safety, Anna University, Chennai, India
5. Serbian Academy of Sciences and Arts-Board for Rural Issues
6. University of Belgrade Faculty of Medicine
7. Serbian Institute of Occupational Health
8. International Social Security Association – Prevention in Transportation

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

1. Free paper Session – Rural Health: Agriculture, Pesticides & Organic Dusts
Reviewers – Pierluigo Cocco, Susan Brumby, Sashikala Chandrasekar, H. Denny, Stefan Mandec Rajcevic
2. Special Session - Climate Change, Air Pollution & Organic Dust Issues in Rural Population, and the Need for Sustainable Agriculture
Speakers -- Vivi Schlunssen, Susan Brumby, Vidhya Venugopal, Hanifa M Denny, Sashikala Chandrasekar
3. Collaborative Session with International Centre for Rural Health, Milan, Italy
- New Developments in Pesticides, Enhancing Occupational Health & Safety
Speakers -- Claudio Colosio, Radu-Corneliu DUCA, Liem Jen Fuk, Michael O'Malley, Angello Moretto

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

1. Business Meeting during ICOH Congress 2024
2. International Biocidal Conference, Antalya, Turkey – November 2024

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

SC on OH in Construction Industry – Professional Development Conference 2024

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

1. Biocidal Occupational and Environmental Health Association, Cukurova University & Ege University, Turkey
2. ISSA Prevention in Transportation 2024 Conference
3. ISSA Prevention in Agriculture 2024 Conference

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

SCRH had taken the initiative in participating in the UN Programs on SDGs. Dr. Sashikala Chandrasekar participated in programs on SDGs at United Nations HQ New York. SCRH initiatives for creating awareness on Global warming were appreciated.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

1. SC Rural Health participated in various International and National events in many countries, promoting activities of ICOH & SCRH and welcoming new members.
2. SCRH Membership list has 1 New Member.
3. SCRH collaborated with many ICOH Scientific Committees and other organizations outside ICOH and made an impact in the global occupational health.
4. SCRH was involved in important conferences by proposing many sessions and participants
5. SCRH has also taken interest to participate in various UN & WHO activities.

PART V - Evaluation of this SC Final Report form

☐ ✓ This form is acceptable

☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

1. ABDULWAHAB Abdulgafar
2. AFOLABI Funmilayo juliana
3. AKBABA Muhsin
4. AKIBA Okon Otu
5. BANDINI Marcia
6. BOSCOLO Paolo
7. BRUMBY Susan Alison
8. CANDEMIL Guilherme schuck
9. CHALALAI Hanchenlksh
10. CHANDRASEKAR Sashikala
11. COCCO Pierluigi
12. COLOMBI Antonio
13. COLOSIO Claudio
14. CORWIN Claudia
15. DENNY Hanifa Maher
16. DI GIOACCHINO Mario
17. DIALLO Birama
18. DJOKOVIC Jelena Djurdje
19. DUCA Radu-Corneliu
20. EL YAMANI Mounia
21. FANO Daniela
22. FAYE Mame Diarra
23. FAYOMI Benjamin eborim
24. FONTANA Luca
25. FUSTINONI Silvia
26. HARARI Raul
27. HINSON ANTOINE
28. JARA Victor Luis
29. JEFFREE Saffree Mohammad
30. JIAN Xiangdong
31. JOHANNING Eckardt
32. JORS Erik
33. KIFT Ryan
34. KOH Sang-Baek
35. KURT Burak

36. LIEM Jen fuk
37. LIESIVUORI Jyrki
38. LOIO MARQUES Noémia cristina
39. LONDON Leslie
40. LOTTI Marcello
41. MANDIC-RAJCEVIC Stefan
42. MANDRIOLI Daniele
43. MENESES Claudia
44. MIRAGLIA Nadia
45. MORETTO Angelo
46. MTETWA Taurai
47. MUANANTATHA Olegario
48. MUSTAJBEGOVIC Jadranka
49. NERY Telma de cassia dos santos
50. NIANG Mame yacine
51. ODDONE Enrico
52. O'MALLEY Michael
53. ONAL Buhara
54. PALMER CARRILLO Esther Ruth
55. PARK Eun-Kee
56. RAJNOVEANU Armand Gabriel
57. RAJPUT-RAY Minha
58. ROHLMAN Diane
59. SARI Lelita
60. SCHLUNSEN Vivi
61. SEKIMPI Deogratias K.
62. SENEVIRATNE Mahinda
63. SIGSGAARD Torben
64. SOEMARKO Dewi Sumaryani
65. TABIBI Ramin
66. TEFERA Yonatal mesfin
67. UEDA Atsushia
68. VAN DER LAAN Gert
69. VISSER Joan
70. WILKS Martin
71. YEPES BOADA Alexandra
72. ZHAO Guanlan
73. Iracimara de Anchieta Messias

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

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The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: February 2, 2024

Submitted by SC: **Shiftwork and Working Time**

Name of Chair: Stephen Mark Popkin

Year of Appointment: 2018

Email address: stephen.popkin@dot.gov

Name of Secretary: Claudia Roberta de Castro Moreno

Year of Appointment: 2018

Email address: crmoresno@usp.br

SC Website URL (if available): www.workingtime.org

Other SC Means of Communication:

Facebook: <https://www.facebook.com/WorkingTimeSociety/> (500+ Followers)

Twitter: <https://twitter.com/WorkTimeSociety> (571 followers)

Listserv: sinet@gawo-ev.de (675 subscribers)

Focus and aim of the SC:

The purpose of the SC is to serve as a forum to bring all stakeholders and researchers together to make advancements on the topic of shiftwork and its human effects. In doing so, its objectives are three-fold:

- To discuss both basic and applied research and problems of work scheduling
- To act as an advisory committee for national and international bodies
- To promote cooperative efforts for the solution of occupational work problems in this particular area

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: Virtual Meeting

Date: 10 October 2023

Number of attendees:

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

2) Leadership meetings:

Venue: Virtual

Dates: 23-01-2024; 12-12-2023; 08-11-2023; 03-10-2023; 26-09-23; 29-08-2023; 01-08-2023; 28-06-2023; 31-05-2023; 25-04-2023; 21-03-2023; 28-02-2023; 24-01-2023

Number of attendees: between 7 and 13

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): [Report not submitted as these meetings were for internal coordination and actions and were not member business meetings]

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	Global Seminar Series 4: Working hours and health in different occupations: recent studies from Finland, Sweden and Norway"				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	May 5, 2023				
Venue:	Virtual Webinar				
Organizers:	Mikael Sallinen (Työterveyslaitos); Working Time Society				

Co-organizers and Collaborators: Please identify and describe roles	Karolinska Institute, Sweden University of Bergen, Norway National Institute of Occupational Health, Norway
Number of participants:	118
Publication or provision of CD/DVD proceedings:	N/A
Book of abstracts:	N/A
Book of selected proceedings:	N/A
Special issue of peer reviewed journals:	N/A
Assessment of success / impact:	Positive feedback from presenters and participants

(2) Name of the event:	Global Seminar Series 5: Dealing with day and night on sleep, eating, working, training and learning				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	20 September 2023				
Venue:	Virtual Webinar				
Organizers:	Claudia Moreno, Frida Fischer, Elaine Marqueze; Working Time Society				
Co-organizers and Collaborators: Please identify and describe roles	University of São Paulo, presenters Catholic University of Santos, presenters Federal University of Uberlândia, presenters				
Number of participants:	85				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				

Assessment of success / impact:	Positive feedback from presenters and participants
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(3) Name of the event:	Global Seminar Series 6: Excerpts from The Handbook of Fatigue Management in Transportation: Waking Up to the Challenge				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	13 March 2024				
Venue:	Virtual Webinar				
Organizers:	Ashleigh Filtness, Loughborough University; Working Time Society				
Co-organizers and Collaborators: Please identify and describe roles	CRC Press				
Number of participants:	About 100 expected				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	N/A				

(4) Name of the event:	WINC (Working Hours in the Nordic Countries) Symposium				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	28 April 2023				
Venue:	Bergen, Norway				
Organizers:	University of Bergen				

Co-organizers and Collaborators: Please identify and describe roles	WINC Steering Committee (including Working Time Society) – Scientific Committee
Number of participants:	50
Publication or provision of CD/DVD proceedings:	N/A
Book of abstracts:	N/A
Book of selected proceedings:	N/A
Special issue of peer reviewed journals:	N/A
Assessment of success / impact:	Positive feedback from presenters and participants

(5) Name of the event:	German Working Time Society 11 th Symposium, “Compressed working hours and workload”				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	22 September 2023				
Venue:	Vienna, Austria				
Organizers:	German Working Time Society; Working Time Society				
Co-organizers and Collaborators: Please identify and describe roles	XIMES, Gmbh				
Number of participants:	40				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				

Assessment of success / impact:	18 strong presentations; positive feedback
--	--

(6) Name of the event:	Working Time Society Japan 8 th annual meeting: focus on overwork and mortality				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	5 September 2023				
Venue:	Virtual				
Organizers:	Japan Institute of Occupational Safety and Health; WTS				
Co-organizers and Collaborators: Please identify and describe roles	Japan Institute for Labour Policy and Training				
Number of participants:	15				
Publication or provision of CD/DVD proceedings:	N/A				
Book of abstracts:	N/A				
Book of selected proceedings:	N/A				
Special issue of peer reviewed journals:	N/A				
Assessment of success / impact:	Attendees found the meeting discussion meaningful and the updates from the WTS useful.				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

There were no publications or position papers at this time by the Scientific Committee.

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

WTS collaborated Work Organisation and PsychoSocial factors Scientific Committee to propose a joint special session entitled “Off-job experiences and well-being” at the ICOH 2024 meeting. This task was led by Masaya Takahashi, ICOH member and Co-opted WTS board member.

Please update the following into the past tense with what happened:

The Scientific Committee in collaboration with the Working Time Society and the Working Time Japan Society promoted and participate in the 7th ICOH-WOPS & 3rd Asia Pacific Academy for Psychosocial Factors at Work (APA-PFAW) joint conference (Main theme: Imagine! Decent Work Beyond COVID-19), which was held 19-22 September, Tokyo, Japan.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

No activity at this time.

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

We collaborated with Loughborough University and CRC press for a webinar focused on a new book that several members contributed to: The Handbook of Fatigue Management in Transportation: Waking Up to the Challenge. This event forced us to consider and update our policy on engaging with for-profit organizations.

Any other points of relevance:

1. The WTS has launched its new web presence and has moved over its membership database. It is still getting set up, which when done, will allow for registration to events, dues collection, private area for member-related information, and better coordination with its social media presence. The old site has been decommissioned;
2. We spent effort on outreach for nominees to the WTS and ICOH SC leadership teams. The success was mixed, with better presentation from Asian countries, and still no presentation from Africa;

3. We continued our webinar series to promulgate research and ideas into the shiftwork and working time community. We will continue this practice at least until 2025 when we reinstitute our biennial symposium;
4. We are developing new career awards to support those entering our field and who have contributed to it, including articles of the year;
5. The next biennial symposium has been set for November 10-14, 2025 in Bertioga, Brazil. This is exciting news that will help bring in new members within and outside the WTS and SC;
6. Continued to connect with other ICOH SCs and other related research organizations for research and publication opportunities; &
7. We had a vote at the business meeting to disconnect the Working Time Society from the Scientific Committee. They each operate under different governing rule, though with common purpose. It is expected that they will work collaboratively on a number of projects while having the autonomy to pursue independent activities.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions ***not already listed*** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

For ICOH2024 Congress, a joint WTS and EPICOH special session will be organized by Kyriaki Papantoniou (co-odrinator; WTS Board member) and Mary Schubauer Berigan (assistant organizer; EPICOH).

The Special Session **Title** is “Shift work, health and the individual: challenges and opportunities for research and prevention.

Speakers/Presentations:

1. Johnni Hansen / “Night shift work and cancer risk: methodological challenges and opportunities”
2. Eva Schernhammer / “Shift work tolerance and chronic disease risk: the role of individual susceptibility”
3. Barbara Harding / “Shift work and chronic disease risk: biological mechanisms and adaptation”
4. Kyriaki Papantoniou / “Shift work, sleep and risk of COVID-19 infection outcomes”
5. Mikko Harma / “Scheduling recommendations for long-term prevention of shift work health effects”
6. Closing remarks: Mary Schubauer Berigan “Limitations and opportunities for mechanistic evidence in exposed workers and contributions to carcinogenicity evaluations”

For the special session, experts in epidemiology, chronobiology and occupational medicine, will present human evidence on night work and chronic disease risk and infections, identify

methodological challenges and unknowns in shift work occupational and molecular epidemiology e.g. the role of individual susceptibility, and discuss how to move forward in etiological research to provide conclusive evidence for preventive actions. Results from night shift work interventions directed towards the organization and the individual to reduce health and safety risks will also be discussed. Particular focus will be on the success and barriers for implementation of interventions based on experiences to date.

In addition, Frida Fischer will coordinate a special session called "Climate change and Occupational Safety and Health". It is directly related to demographics (aging, gender), dimensions of decent work, right of workers, environmental changes and wellbeing of workers, etc.

There is also a planned joint session of SC Shiftwork and Working Time and Work Organization and Psychosocial Factors as described in an above section. Lastly, the SC received 37 papers to review for the meeting, and requested two lecture sessions along with a number of posters to be presented.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

We are pursuing several opportunities for co-chair sessions at the upcoming ICOHmeetings

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

We are planning to approach and establish networks with the following scientific committees:

- Work Organization and Psychosocial Factors
- Epidemiology in OH
- Mining Occupational Safety and Health
- OH for Health Workers

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations ***other than*** conferences.)

We are continuing long-standing collaborations with regional affiliate organizations (i.e., Working Time Japan Society, German Working Time Society and Working hours In the Nordic Countries). We are also working with the Working Time Society to co-host the 2025 International Working Time Symposium in Brazil.

We will pursue additional opportunities to partner with other organizations, like the USA National Institute for Occupational Safety and Health and the United States Department of Transportation's Volpe National Transportation Systems Center.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

We will work with our regional affiliate organizations, other related scientific and professional organizations, other ICOH Scientific Committees, National Secretaries and the ICOH Executive Board to identify priority areas for publications.

Any other points of relevance:

As the pandemic eases, our members are seeing renewed research funding and opportunities to collect information for analysis and sharing. Our ability to embrace virtual technologies, and member willingness to attend meetings and events speaks to their commitment and our ability to provide them worthwhile forums. We request that the ICOH leadership support our SC through providing forums for the different SCs to interact in a strategic planning activity so we do not continually overstep or step on other’s research areas, and rather, be able to leverage one another toward some common aims. Perhaps this could start at the mid-triennium meeting or in some virtual space.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The Scientific Committee has grown its membership over the Triennium, at a time when its biennial conference was suspended due to the pandemic and its aftermath. During this time, the organization increased its social media presence and improved its web site, allowing it to provide additional research and practice-related materials to members and the public in the future. We also instituted a very successful webinar series, that continually attracts about 100 participants, and we with WTS have successfully relaunched our symposium, which will take place in 2025. While the WTS and SC will be separate organizations come April 2024, they will work together for common purpose, ultimately increasing capacity to serve and grow this professional area. The organization still has work to do to attract a more diverse membership – in respect to professional background, geographic location, and demographics. A bright area has been the focus on early career researcher and practitioners, now with webinars, awards and highlights focused on them and their activities. Overall, we evaluate ourselves at a B+.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)**SC Members****Name:****Email address:**

LAST NAME	FIRST NAME
ACEVEDO	Miguel
ÅKERSTEDT	Torbjörn
BEHISI	Marwan ahmed
BENAVENT	M. Amparo
BOBKO	Nataliya
BOHANE	Ciarán
CHAVERA BIANCHI	Carlos José
CHEN	Chung-yen
FISCHER	Frida Marina
GARRAFA NUNEZ	Mayra
GÄRTNER	Johannes
GONZALEZ VARGAS	Luis Gustavo
HAHN	Helga
IMAI	Tappei

KOGI	Kazutaka
LEDDA	Caterina
MORENO	Claudia Roberta de Castro
ORTUNO	Maria Amparo
POPKIN	Stephen
SALDANHA	Nuno augusto
STRAIF	Kurt H.
SUWAZONO	Yasushi
TACHI	Norihide
TAKAHASHI	Masaya
TITOPOULOU	Maria Dimitrova
VARGAS ZEGARRA	Renato
WONG	Imelda S.
YIN CHENG	Lim
YOSHIKAWA	Toru

Members who left the SC since the submission of the SC Midterm Report:

Name:

Email address:

HÄRMÄ Mikko I.



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 13 February 2024

Submitted by SC: **Thermal Factors**

Name of Chair: Dr. Jason Lee

Year of Appointment: 2018

Email address: phsjlkw@nus.edu.sg

Name of Secretary: Dr. Rissanen Sirkka

Year of Appointment: 2018

Email address: sirkka.rissanen@ttl.fi

SC Website URL (if available): www.icohsctf.org

Other SC Means of Communication:

SCTF email address: info@icohsctf.org

Online meetings using Zoom; email correspondences; social media platforms

Focus and aim of the SC: To work on joint publications and consensus reports in the areas of heat and cold stress on occupational health and productivity, organise symposiums and contribute at selected conferences, and influence international policies in this area.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting: 3rd SCTF@ICOH Meeting**

Venue: Virtual Meeting on Zoom

Date: 27 June 2023

Number of attendees: 17

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): Not submitted to VP. Report can be found [here](#).**2) Business meeting: 4th SCTF@ICOH Meeting**

Venue: Virtual Meeting on Zoom

Date: 22 November 2023

Number of attendees: 14

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>): Not submitted to VP. Report can be found [here](#).**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	23 rd International Congress of Biometeorology (ICB 2023)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	14 – 17 May 2023				
Venue:	Tempe, Arizona, USA				
Organizers:	International Society of Biometeorology				
Co-organizers and Collaborators: Please identify and describe roles	Jason Lee (Keynote Speaker): Heat Resilience – a whole of society challenge and approach				
Number of participants:					
Publication or provision of CD/DVD proceedings:					
Book of abstracts:	Abstract books and poster abstracts can be found at https://biomet23.asu.edu/program/				

Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

(2) Name of the event:	11 th International Conference on Urban Climate (ICUC11)				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	28 August – 1 September 2023				
Venue:	Sydney, Australia				
Organizers:	International Association for Urban Climate American Meteorological Society				
Co-organizers and Collaborators: Please identify and describe roles					
Number of participants:					
Publication or provision of CD/DVD proceedings:					
Book of abstracts:					
Book of selected proceedings:					
Special issue of peer reviewed journals:					
Assessment of success / impact:					

(3) Name of the event:	2 nd Heat on Human Health Symposium 2023				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	√				
Date:	15 – 16 November 2023				
Venue:	Bangkok, Thailand				

Organizers:	
Co-organizers and Collaborators: Please identify and describe roles	<p>Jason Lee (Speaker): Extreme Heat - Beyond Morbidity and Mortality</p> <p>Yuri Hosokawa (Speaker): Heat Stress Monitoring Wearable Technology: Finding Devices That Are Clinically Relevant and Accurate</p>
Number of participants:	
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

(4) Name of the event:	Workers in the Cold – Present and future perspectives from field to clinics				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
				√	
Date:	7 – 9 March 2023				
Venue:	Tromsø, Norway				
Organizers:	NIVA Education, https://niva.org/course/workers-in-the-cold-2/				
Co-organizers and Collaborators: Please identify and describe roles	<p>Sirkka Rissanen (Speaker): Thermoregulation, cold-related symptoms and performance degradation among food processing workers</p> <p>Sirkka Rissanen (Co-Speaker): Assessment of cold strain and cold protective clothing by using international standards.</p> <p>Hilde Feverik (Speaker): Health and safety standards for work in the cold</p> <p>Hilde Feverik (Speaker): From problem to solution – cold research in an applied perspective</p>				
Number of	20				

participants:	
Publication or provision of CD/DVD proceedings:	
Book of abstracts:	
Book of selected proceedings:	
Special issue of peer reviewed journals:	
Assessment of success / impact:	

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

1) Romanello, M., Napoli, C. D., Green, C., Kennard, H., Lampard, P., Scamman, D., ... & Costello, A. (2023). The 2023 report of the Lancet Countdown on health and climate change: the imperative for a health-centred response in a world facing irreversible harms. *The Lancet*, (10419), 2346-2394.

Co-authors from SC involved: Wenjia Cai, Jason Lee, Bruno Lemke, Matthias Otto

2) Yang, H. Y., Chou, H. L., Leow, C. H. W., Kao, C. C., Daniel, D., Jaladara, V., ... & Lee, J.K.W. (in press). Poor personal protective equipment practices were associated with heat-related symptoms among Asian healthcare workers: a large-scale multi-national questionnaire survey. *BMC Nursing*.

Co-authors from SC involved: Hsiao-Yu Yang, Vidhya Venugopal, Jason Lee

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

-

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

-

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

1) International Exploratory Workshop, 2 October 2023

The University of Oulu hosted an international exploratory workshop for the representatives of three UArctic Thematic Networks “Health and Well-Being in the Arctic”, “Working in the Arctic” (Lead: Sirkka Rissanen) and “Gender in the Arctic Knowledge Production”. The meeting was funded by the Arctic Research Network of the University of Oulu, Finland. Eleven participants from the University of Oulu, Finnish Institute of Occupational Health (Rissanen), Lund University, Luleå University of Technology, University of Iceland, and UiT the Arctic University of Norway

Any other points of relevance:

-

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

- 1) 34th ICOH Congress, 28 Apr – 3 May 2024, Marrakesh, Morocco
- 2) 5th SCTF@ICOH Meeting, Jun 2024, Virtual Meeting on Zoom
- 3) 6th SCTF@ICOH Meeting, Dec 2024, Virtual Meeting on Zoom

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

- No specific plans for now, but there are initial discussions with Chair of RHICOH to collaborate on topics related to thermal stress on reproductive health.

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations *other than* conferences.)

- Closer collaborations will be established with the Global Heat Health Information Network, including being in their Steering Committee to emphasise workers' health and work productivity in a warming world.
- Closer collaborations will be established with the Arctic Five network focusing on occupational health and safety in the Arctic including climate warming effects. Plans for future projects and wider collaborations to be drafted.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the 'Guidelines for Scientific Committees' in the SC Virtual Office).*

- A methodological paper to quantify thermal stress on workers is being discussed.

Any other points of relevance:

-

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

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SC Final Report:

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During the current Triennium, we have increased the number of members from 28 to 32, allowing for more ideas to be shared among members. This highlights the importance of thermal factors in the field of occupational health.

Our biannual Business Meetings are also open to invitees who are not part of this committee. This encourages more individuals who are interested in thermal factors in occupational health to be involved in these valuable conversations.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

S/N	Name
1	Jason Lee (Chair)
2	Sirkka Rissanen (Secretary)
3	Ariane Adam-Poupart
4	Mohammed Ali Al-Bouwarthan
5	Sultan Al Otaibi
6	Abhyudaysinh V Barad
7	Matt Brearley
8	Wenjia Cai
9	Hilde Ferevik
10	Jason Glaser
11	Seichi Horie
12	Yuri Hosokawa
13	France Labreche
14	Bruno Lemke
15	Yogeshwaran Murugaiyan
16	Elspeth Oppermann
17	Hidenori Otani
18	Matthias Otto
19	Wantanee Phanprasit
20	Dung Phung
21	Hugo Piedrahita
22	Manoj Potapohn
23	Poune Saberi
24	Marc Schenker
25	Rekha Shanmugam
26	Masatoshi Tanaka
27	Saturo Ueno
28	Vidhya Venugopal
29	Kinnaleth Vongchanh
30	Evan Watson
31	Hsiao-Yu Yang
32	Efi Yuliati Yovi

Members who left the SC since the submission of the SC Midterm Report:

Name:

S/N	Name	
1	Tord Kjellstrom (Advisor)	
2	Ross Di Corleto	



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
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The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: February 28th 2024
Submitted by SC: **Toxicology of Metals**

Name of Chair: Natalia Pawlas
Year of Appointment: 2022
Email address: n-pawlas@wp.pl

Name of Secretary: Veruscka Leso
Year of Appointment: 2022
Email address: veruscka.leso@unina.it

SC Website URL (if available): not available

Other SC Means of Communication: currently our means of communication is by periodical e-mails.

Focus and aim of the SC: The Scientific Committee focuses on the toxicological aspects of occupational and environmental exposure to metals, the health effects of prolonged exposure to low doses, absorption from multiple routes, and gene-environment interaction. These aspects seem necessary to support adequate risk assessment and management strategies in general living, and in occupational settings as well as in novel

technological processes and industries involved in metal production, processing, handling, as well as recycling and disposal. Aim of the SC is to stimulate research on novel biomarkers of exposure, effect and susceptibility, on health and safety aspects of heavy metal exposure with a particular focus on possible implications for occupational health, as well as on policies to manage risks in different occupational settings.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) **Business meeting:** None

Venue:

Date:

Number of attendees:

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.: None

(Please use a table for each event description; please delete blank tables)

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.)

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

The SC has collaborated with the ICOH SC on Occupational Toxicology and the ICOH SC on Nanomaterial Workers’ Health. The SC is available for future collaborations with other SCs.

Participation and support to WHO – ILO meetings and/or publications:

At the present we have no planned participation and support to WHO – ILO meetings and/ or publications.

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations *other than* conferences.)

None

Any other points of relevance:

None

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

The Chair and Secretary of the SC, but also some of the members of the SC, provided assistance in the revision of abstracts relative to the Occupational Toxicology, Human Biomonitoring, and Neurotoxicology session of the next ICOH 2024 Congress.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

The SC will continue to collaborate with other ICOH SCs.

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

At present no collaborative activities with other non ICOH organizations have been planned, however the SC is willing to cooperate with non-ICOH organizations.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

The success of the SC and its influence in improving global occupational health relies on the strong impact that the exposure to metals in occupational settings has for the health of involved workers and the need for innovative strategies for risk assessment and management processes that require to be updated according to the emerging sources of exposures and their different features, in terms of length of exposure, mixtures of substances and individual or collective susceptibility to adverse health effects. Our SC has a robust set of members that participate in the activities from several years and are involved in updated international scientific publications.

PART V - Evaluation of this SC Final Report form

☒ X This form is acceptable

☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

LAST NAME	FIRST NAME
ANDERSEN	Ole
APOSTOLI	Pietro
BARREGARD	Lars
BERGDAHL	Ingvar Arne
CONTI	Marcelo Enrique
DE PALMA	Giuseppe
ELLINGSEN	Dag Gunnar
FONTANA	Luca
FOWLER	Bruce A.
FUSTINONI	Silvia
HAMBACH	Ramona
HARARI FREIRE	Florencia
HUSIN	Shawaludin
IAVICOLI	Ivo
JONES	Kate
KIILUNEN	Mirja Kristiina
KIM	Yangho
KODAMA	Yasushi
LANGARD	Sverre
LEE	Byung-Kook
LEE	Sung soo

LESO	Veruscka
LISON	Dominique F.
LUCCHINI	Roberto G.
MONROY	Aquiles
MURATA	Katsuyuki
NOGAWA	Koji
NORDBERG	Gunnar
NORDBERG	Monica
PAWLAS	Natalia Urszula
SALLSTEN	Gerd Ingeborg
SANTONEN	Tiina
VAGN	Englyst
VIGEH	Mohsen
YOUNES	Maged

Members who left the SC since the submission of the SC Midterm Report:

Name: Anna Suraya
annasuraya13@gmail.com

Email address:



**ICOH 2022-2024 TRIENNIUM
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Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 6 February 2024

Submitted by SC: **Unemployment Job Insecurity and Health**

Name of Chair: Anna Suraya

Year of Appointment: 2022-2024

Email address: annasuraya13@gmail.com

Name of Secretary: Ikenna Ebuenyi

Year of Appointment: 2022-2024

Email address: desiykee@yahoo.com

SC Website URL (if available):

Other SC Means of Communication:

LinkedIn, Whatsapp

Focus and aim of the SC:

UIIH-SC has as its primary focus the light of vulnerable workers and their health.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops**Period: March 2023 – January 2024***Please note collaborations with other SCs, WHO, ILO and NGOs.***NOTE:** Do not repeat meetings and conferences already listed in this format in the Midterm Report**1) Business meeting:**

Venue: Online

Date: February 16, 2023

Number of attendees: 7

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**2) Business meeting:**

Venue: Online

Date: June 7, 2023

Number of attendees: 5

Date report sent to VP (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):**Conferences, Seminars, Workshops, Courses, etc.:***(Please use a table for each event description; please delete blank tables)*

(1) Name of the event:	Occupational Safety and Health Promotion for Workers in Small Scall Industries (Tofu Factory)				
Type of event	Conference	Seminar	Workshop	Course	Other
					x
Date:	July 3, 2023				
Venue:	Tofu factory (Small Scale Industry) in Bogor, Indonesia				
Organizers:	Binawan University				
Co-organizers and Collaborators	SC UJIH SC UJIH provided the translation book “Creating Safe and Healthy Workplace”				
Number of participants:	15				
Book of selected proceedings:					
Assessment of success / impact:	Both the factory workers and the owner had an understanding of Occupational Safety and Health (OSH). They are committed to ongoing enhancement of the workplace, drawing inspiration from the valuable lessons outlined in the OSH book.				

(2) Name of the event:	Promoting ergonomic positions for workers engaged in frame-making aims to reduce work-related illnesses				
Type of event	Conference	Seminar	Workshop	Course	Other
					x
Date:	July 14, 2023				
Venue:	Frame Factory, UD Kembang Arum, Bekasi, Indonesia				
Organizers:	Binawan University				
Co-organizers and Collaborators	SC UJIH SC UJIH provided the translation book "Creating Safe and Healthy Workplace"				
Number of participants:	10				
Book of selected proceedings:					
Assessment of success / impact:	Both the factory workers and the owner had an understanding of Occupational Safety and Health (OSH). They are committed to ongoing enhancement of the workplace, drawing inspiration from the valuable lessons outlined in the OSH book.				

(3) Name of the event:	Occupational Safety and Health Promotion for Workers in Small Scall Industries (Brick Factory)				
Type of event	Conference	Seminar	Workshop	Course	Other
					x
Date:	July 11, 2023				
Venue:	LIO (Brick Factory), Cibarusah, Indonesia				
Organizers:	Binawan University				
Co-organizers and Collaborators	SC UJIH SC UJIH provided the translation book "Creating Safe and Healthy Workplace"				
Number of participants:	7				
Book of selected proceedings:					
Assessment of success / impact:	Both the factory workers and the owner had an understanding of Occupational Safety and Health (OSH). They are committed to				

	ongoing enhancement of the workplace, drawing inspiration from the valuable lessons outlined in the OSH book.
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(4) Name of the event:	Promoting Occupational Safety and Health for construction Workers				
Type of event	Conference	Seminar	Workshop	Course	Other
					x
Date:	July 19, 2023				
Venue:	Jl. Dewi Sartika, Jakarta				
Organizers:	Binawan University				
Co-organizers and Collaborators	SC UJIH SC UJIH provided the translation book "Creating Safe and Healthy Workplace"				
Number of participants:	2				
Book of selected proceedings:					
Assessment of success / impact:	The workers had an understanding of Occupational Safety and Health (OSH). However, to implement the OSH is primarily depend on their employer.				

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Join Project of the SC UJIH in collaboration with Binawan University, Jakarta, Indonesia.
https://www.icohweb.org/site/pdf-viewer/viewer.asp?newsletter=icoh_newsletter_vol21_no1.pdf

Ebuenyi ID, Flocks-Monaghan C, Rai SS, de Vries R, Bhuyan SS, Pearlman J, Jones N. Use of Assistive Technology for Persons with Psychosocial Disability: Systematic Review. JMIR Rehabilitation and Assistive Technologies. 2023 Nov 15;10(1):e49750.

Ebuenyi ID, Gitonga I, Anujuo K, Muia EN. Breaking Barriers and Building Opportunities: Employer Perspectives on working with people with psychosocial disabilities in a rural setting in Kenya. Global Mental Health Research Without Borders Conference, Bethesda October 31, 2023

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each SC. Provide relevant details of other collaborations with SCs.)

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

As an integral component of the "Protecting Every Child's Potential" Initiatives, undertaken in collaboration with WHO Indonesia, the Ministry of Health (MOH), and UNICEF Indonesia, Anna Suraya has spearheaded the pilot project focused on capacity building for Indonesian health professionals. The primary aim of this initiative is to safeguard against lead exposure in children and pregnant women in Indonesia.

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

Any other points of relevance:

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions **not already listed** in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

“Jigsaw of Job Insecurity” Special Session for ICOH Conference 2024, SC UJIH

‘Electronic Waste and Informal Work in LMIC’ SC UJIH in collaboration with SC Occupational Health in Small Scale Enterprises and the Informal Sector (SCOHSSEIS), International Ergonomics Association (IEA) and Human Factors and Ergonomics Society (HFES)

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

ICOH SC UJIH triennium meeting, May 2, 2024, Marrakesh

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs and role of each SC. Provide relevant details of other collaborations with SCs.)

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations **other than** conferences.)

Planned research and grant collaboration with colleagues from International Ergonomics Association (IEA) and Human Factors and Ergonomics Society (HFES)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.)

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)**SC Members****Name:**

S/N	NAME	ORGANISATION
1	Anna Suraya	Binawan University, Indonesia
2	Ikenna Ebuenyi	University of Pittsburgh
3	Minha Rajput-Ray	NNEDPRO Global Centre for Nutrition and Health
4	Oluranti Samuel	University of Lagos
5	Jacques Tamin	University of Manchester
6	Nisha Naicker	National Institute for Occupational Health,
7	Kirsi Lappalainen	Finnish Institute of Occupational Health
8	Ellen MacEachen	University of Waterloo
9	Lelitasari Danukusumo	Binawan University, Indonesia
10	Shilpa Gowda	Veterans Association USA
11	Janice Green	Jamaica
12	Tsunetaka Matoba	Kurume University School of Medicine
13	Tatsuya Ishitake	
14	Vivian Aline Mininel	University Sao Carlos – Brazil
15	Marloes Vooijs	University of Amsterdam
16	Katarina Kjellberg	Karolinska Institute, Stockholm
17	Svetlana Solovieva	Finnish Institute of Occupational Health

18	Helena Bren	Croatian Institute for Health Protection and Safety at Work
19	Steffen Torp	University of South Eastern Norway
20	Titis Maryamah	SIPL, Indonesia
21	Kaisa Kirves	Finnish Institute of Occupational Health
22	Zhijun Zhou	School of Public Health, Fudan University, Shanghai, China

Members who left the SC since the submission of the SC Midterm Report:
Name: **Email address:**



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

Date: February 14, 2024
Submitted by SC: **Women, Health and Work**

Name of Chair: Igor Bello
Year of Appointment: 2022 (serving on the SC since 2015)
Email address: ibello.medex@gmail.com

Name of Secretary: Marcela P. Henriquez
Year of Appointment: 2022
Email address: henriquez.marcela@gmail.com

SC Website URL (if available): n/a

Other SC Means of Communication:

- Virtual meetings via ZOOM
- Face- to- face meetings
- ICOH Newsletter: Brief notes and news about the SCWHW will be periodically sent to ICOH's official Newsletter. Responsible: I. Bello
- Webinars using ZOOM platform
- Emailing within Committee members / e-meetings with SC Officers and regional coordinators
- Social media (Whatsapp, LinkedIn)

Focus and aim of the SC:

- Addressing issues that specifically affect women's health and wellbeing in developed and developing countries.
- Addressing occupational health and safety issues for women, particularly under certain special working conditions such as pregnancy, migration and hazardous exposures.
- Advancing health promotion for working women.
- Addressing issues concerning gender public policies, laws and regulations, and their application in different countries.
- Encouraging research, raising awareness, and promoting education of specialists
- Sharing information/networking with other groups on gender mainstreaming at work
- Working collaboratively with other ICOH Scientific Committees on the relevant issues aforementioned addressing issues that specifically affect women's health.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

1) Business meeting:

Venue: Online meeting

Date: 04/20/2023

Number of attendees: 10(ten)

Discussion points:

- Preparation of International Joint Conference on Occupational Health for Health Workers, NY 2023.

2) Business meeting:

Venue: Online meeting

Date: 06/12/2023

Number of attendees: 11(eleven)

Discussion points:

- Preparation of International Joint Conference on Occupational Health for Health Workers, NY 2023.

3) Business meeting:

Venue: Online meeting

Date: 08/22/2023

Number of attendees: 9(nine)

Discussion points:

- Preparation of International Joint Conference on Occupational Health for Health Workers, NY 2023.
- Preparation of Seminar on Women, Health and Work in Latin America in the framework of ALSO Latin American Congress

4) Business meeting:

Venue: Online meeting

Date: 08/30/2023

Number of attendees: SC officers (2)

Discussion points:

- Preparation of Seminar on Women, Health and Work in Latin America in the framework of ALSO Latin American Congress
- Preparation of Seminar: Psychosocial Risk and Gender Perspect in the Framework of Joint Conference ICOH WOPS 2023

5) Business meeting:

Venue: Hotel Intercontinental Santiago, Chile

Date: 11/17/2023

Number of attendees: 7, including SC Officers

Discussion points:

- Conclusions of Seminar on Women, Health and Work in Latin America in the framework of ALSO Latin American Congress. Preparation of abstract.

- Preparation of activities to be performed at ICOH 2024 Marrakesh.
- Proposal of special collaboration between PAHO and ICOH WHW SC.
- Organization of information to SC Triennium Final Report.

Conferences, Seminars, Workshops, Courses, etc.:

(1) Name of the event:	International Joint SC Conference on OH for Healthcare Workers. New York, USA. October 2023. Partnering with ICOH OH-HCW SC.				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x				
Date:	October 24-27, 2023				
Venue:	New York Academy of Medicine, USA				
Organizers:	ICOH Scientific Committees OHHW and WHW				
Co-organizers and Collaborators: Please identify and describe roles	<p>Johns Hopkins Education and Research Center for Occupational Safety and Health. Web support and registry.</p> <p>New York-New Jersey Education and Research Center. Venue and logistic support</p> <p>International Organization for Migration (IOM). Institutional support and speakers.</p> <p>International Labour Organization (ILO). Institutional support and speakers.</p> <p>International Social Security Association (ISSA). Institutional support and speakers.</p>				
Number of participants:	205				
Publication or provision of CD/DVD proceedings:	Proceedings published in conference web page				
Assessment of success / impact:	This conference is consolidated internationally as the most important on OH for Health Workers and is the first to be held after the COVID pandemic. This conference included a seminar focused on Women, Health and Work with speakers from the ILO and WHO, as well as a Workshop on Management of Violence and Harassment in Health Settings in which several board members and leaders of ICOH scientific committees.				
(2) Name of the event:	Seminar on Women, Health and Work in Latin America In the framework of ALSO Latin American Congress				

Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	November 16, 2023				
Venue:	Intercontinental Hotel Santiago, Chile				
Organizers:	Women, Health and Work SC				
Co-organizers and Collaborators: Please identify and describe roles	Latin American Association on Occupational Health (ALSO). Conference general organization Chilean Society on Occupational Medicine (SOCHMET). Logistics and registration. ILO. Institutional support, speakers. PAHO. Institutional support, speakers. Chilean Institute on Public Health. Institutional support, logistics.				
Number of participants:	232				
Publication or provision of CD/DVD proceedings:	Proceedings published at conference web page				
Book of abstracts:	n/a				
Book of selected proceedings:	n/a				
Special issue of peer reviewed journals:	Special issue of the journal of the Chilean Institute of Public Health: https://revista.ispch.gob.cl/index.php/RISP/about				
Assessment of success / impact:	During the last 12 years, this seminar has been consolidating within the ALSO Latin American congresses and has become a fundamental part, with more and more attendees. On this occasion, the topic of women at work was reviewed from a post-pandemic perspective, with the participation of our SC secretary, for Argentina, and speakers from Chile, Peru, and Cuba. Special participation of PAHO.				
(3) Name of the event:	Workshop: Powerful woman's hands – Gender Ergonomics In the framework of the Mexican Congress on Ergonomics				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
			X		
Date:	September 5, 2023				
Venue:	Auditorium of University of Ciudad Juarez, Mexico				
Organizers:	ICOH SC on Women, Health and Work, SEMAC, UACJ				
Co-organizers and Collaborators:	Mexican Society of Ergonomists (SEMAC). Organizer				

Please identify and describe roles	Autonomous University of Juarez City (UACJ). Venue, registry and publications Latin American Union of Ergonomics (ULAERGO). Registry Mexican Federation on Workers Health (FENASTAC).
Number of participants:	72
Publication or provision of CD/DVD proceedings:	Proceeding published in the SEMAC Web Page
Book of abstracts:	n/a
Book of selected proceedings:	n/a
Special issue of peer reviewed journals:	Special issue of the journal CULCYT UACJ (indexed): https://erevistas.uacj.mx/ojs/index.php/culcyt
Assessment of success / impact:	After more than 12 years of research in 7 countries, standards are being established for the identification, evaluation and control of biomechanical and psychosocial risks from a gender perspective. The Autonomous University of Ciudad Juarez has been actively involved in this research, which yields its first results and begins the application and dissemination phase, even proposing to be incorporated into the national standards for occupational risk assessment in Mexico.
Imagen:	

(4) Name of the event:	Seminar: Psychosocial Risk and Gender Perspective In the Framework of Joint Conference ICOH WOPS 2023				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	September 21, 2023				
Venue:	Hitotsubashi Hall, National Center of Sciences, Tokyo, Japan				
Organizers:	ICOH SC on Women, Health and Work, SC WOPS				
Co-organizers and Collaborators: Please identify and describe roles	ICOH SC Work Organization and Psychosocial Factors (WOPS). Organizer. Asia Pacific Academy for Psychosocial Factors at Work (APA-PFAW). Venue, registry Japan Research Institute. Publications.				
Number of participants:	341				

Publication or provision of CD/DVD proceedings:	Proceeding published in the WOPS 2023 Web Page: https://hp3.jp/icoh-wops_apa-pfaw2023/scientific-program/ks2/
Book of abstracts:	n/a
Book of selected proceedings:	n/a
Special issue of peer reviewed journals:	Special issue of the journal JRI Research Journal is preparing https://www.jri.co.jp/en/reports/jrirj/
Assessment of success / impact:	Since the ICOH mid-term meeting in Angers, the WHW and WOPS committees committed to starting an agenda of collaborative activities to address the post-COVID mental health crisis and especially within the most feminized productive sectors. The organization of this gender focus seminar within the WOPS congress has been the first of these collaborations, which we hope will remain part of the WOPS congress in all its future editions.
Image:	

(5) Name of the event:	Violence at Work: It's time to deal concretely with this issue What changes after ILO Convention 190				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	x		x		
Date:	December 14-15, 2023				
Venue:	Aula Magna Polo Fibonacci. University of Pisa, Italy				
Organizers:	ICOH SC on Women, University of Pisa				
Co-organizers and Collaborators: Please identify and describe roles	University of Pisa. Organizer. Venue and Registry INAIL. Institutional support and speakers ILO. Institutional support and speakers Federazione delle Società Medico-Scientifiche Italiane.				
Number of participants:	315				
Publication or provision of CD/DVD proceedings:	Proceedings published in the University of Pisa web site: https://www.unipi.it/index.php/unipieventi/event/7656-violence-at-work-it-s-time-to-concretely-deal-with-this-issue				
Book of abstracts:	n/a				

Book of selected proceedings:	n/a
Special issue of peer reviewed journals:	n/a
Assessment of success / impact:	ILO Convention 190 has marked a path towards the elimination of violence and harassment at work, which asymmetrically affects working women. This event has brought together representatives from the 5 continents to speak for two days about the realities and challenges in terms of violence management and the tools necessary to implement it. Collaboration with ILO and INAIL.
Imagen:	

Publications:

- Bello I. and Henriquez M. (2023). Mujer y Trabajo en la Postpandemia. Special issue ALSO congress of the journal of the Chilean Institute of Public Health. Santiago, Chile.
- Bello, I. (2023) Powerful Women Hands: Gender Ergonomics Review. Special issue SEMAC of the journal CULCYT. University of Ciudad Juarez, Mexico.
- Bello, I. and Soto L. (2024) Women and Teleworking. Special issue of the journal JRI Research Journal. Tokio, Japan.

Proceedings:

- International Joint SC Conference on OH for Healthcare Workers New York 2023
- Seminar on Women, Health and Work in Latin America ALSO Santiago 2023
- Workshop: Powerful woman's hands – Gender Ergonomics. Ciudad Juarez 2023
- Violence at Work: It's time to deal concretely with this issue. Pisa, Italy 2023

Position Papers:

- Participation in the Tokyo Manifesto on Workers' Mental Health. This is a proposed position paper promoted by WOPS SC as a result of the Global Roundtable: National Policy Approaches to Work-Related Mental Health, held during the WOPS Tokyo 2023 Conference.

Collaborative activities with other ICOH SCs:

- Collaboration with ICOH WG on Migrant Workers. Session IOM about migrant corridors in the Americas during OHHW Conference 2023 in New York.
- Collaboration with SC on Occupational Medicine is planned for a Special Session during ICOH 2024 Congress in Marrakesh.
- Special guest Dr. Sashikala Chandrasekar from ICOH SC on Rural Health, on OHHW Conference 2023 in New York.
- Special participation of Ms Winnie Mahkoka, ICOH NS Kenya, at Conference on Violence at Work, Pisa 2023.

Participation and support to WHO – ILO meetings and/or publications:

- Collaboration with PAHO/WHO: Special guest Ana Claudia Gastal in the seminar on Women, Health and Work during the OHHW 2023 New York, and ALSO Latin American Congress 2023 in Santiago, Chile.
- Collaboration with ILO: Special guest Francisco Sanchez O'Connor from ILO/LabAdminOSH for Seminar on Women, Health and Work at OHHW 2023 New York.
- Collaboration with ILO: Pisa Conference "Violence at Work: It's time to deal concretely with this issue. What changes after ILO Convention 190" addressed ILO convention and its practical implications. We had as special guest Ana Catalina Ramirez from ILO/LabAdminOSH.

Collaboration with non-ICOH organizations:

- Central American and Caribbean Federation of Occupational Health (FECACSO): web discussion for International Women's Day 2023 "The Health of Working Women, challenges and opportunities in the region".
- OSHA-Europe: Collaboration for the conference on Violence at Work, Pisa 2023. Participation of Specialist Sarah Copsey.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

- 1 Business Meeting
- 2 Abstracts sessions for Women, Health & Work theme (6 abstract reviewers)
- 1 Special Session on Women, Health and Work (3 speakers)
- 1 Special Joint Session with OHHW SC (3 speakers)
- 1 Special Session presentation for Occupational Medicine SC

Triennium 2024-2027 Planned business meetings, conferences, seminars:

- Seminar on Women Health & Work during XI Congress of OH for Central America and the Caribbean. Venezuela. October 2024.
- Symposium on Woman, Health and Work held in ALSO Latin American Congress. Guadalajara, Mexico. May 2025.
- International Conference on OH for Healthcare Workers. Barcelona, Spain. July 2025.
- Other events confirmed at business meeting in April 2024.

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

- Joint Conference on OH for Health Workers. Barcelona 2025. Collaboration with SC OH for Healthcare workers, SC on Industrial Hygiene and SC WOPS. Co-organizers.
- Collaboration for WOPS SC Conference 2025

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

- Collaboration with PAHO/WHO. Planning a collaborative agenda with the PAHO Regional Advisor on Workers Health addressing gender at work at the Americas: seminars, publications, meetings. Webinar “Global Perspective on Women Occupational Health” at March 2024.
- Collaboration with ILO. Planning a collaborative agenda with ILO LabAdminOSH including: conferences, publications, promotion of C190 and meetings.
- Collaboration UN Women. Planning to become the SC a collab entity of UN Women.
- Collaboration with regional OSH organizations (ALSO, FECACSO, OSHA-EU, APA-PFAW, IOSH): conferences, publications, seminars, workshops.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

The committee has had an important impact in leading the scientific contribution in the theme of Women, Health and Work in 2023 with three important international events, with a world wide influence in the Americas, as well as Europe and APAC region, and preparing a lot of activities to spread it in Africa too, taking advantage of ICOH 2024 Marrakesh, providing important scientific communications from leaders and renowned researchers in each case.

In this triennium we are especially proud due to our committee has made relevant efforts to maintain and improve the communications between our members, make it growing the participation and contributions. It has been specially the use of social media to maintain a constant communication flow, including operational information of the committee, published newspapers and other relevant scientific information on the subject of Women, Health and Work. After more of six years of research and international collaboration, we have develop a new model of work risk assessment under a gender perspective, and we are in the final phase of dissemination, adjustment and international validation. Our committee has carried out a very intense work of scientific dissemination, organizing activities (international forums and seminars), with the combined presence of almost 4,000 participants.

Collaboration with other ICOH committees has been very fruitful. Collaboration with the Occupational Health Committee for Health Workers has been very fruitful, with the

2023 congress being the fifth continuous collaboration that we have had, and they have been very successful. This triennium we start the formal collaboration with WOPS, that is a very hot topic in gender issues.

The committee have been collaborating in this triennium with other institutions, like:

- Latin American Association on OH (ALSO): to organize the Seminar on Woman, Health and Work during the Latin American Congress on OH (2023, Chile). The ICOH President, Seong-Kyu Kang, offered a Keynote conference in that congress.
- ILO: collaboration to organize the Violence at Work Management at Health Settings Workshop, during OHHW 2023 in New York, and the Conference on Violence at Work in Pisa, Italy..
- PAHO: Close collaboration in conferences at ALSO 2023, OHHW 2023 and Webinar “Global Perspective on Women Occupational Health” at March 2024.

With many projects and experiences gained in this triennium, and increasing the participation of new female and male members interested in working on this subject, the scientific committee of Women, Health and Work is leveraged in its origins to renew its plans and strategies in the future. Our committee reaffirms its value as a transversal entity within the ICOH, highlighting the growing importance of women at work, their realities and challenges.

Finally, we would like to express our gratitude to the ICOH officers for their unconditional and valuable support to our efforts to achieve these results.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC

LAST NAME	FIRST NAME
BANDINI	Marcia
BELLO	Igor Jesus
BONFIGLIOLI	Roberta
BOUCA NOVA	Tiago
BRAND	Teunis
CANOVA	Karla giamnina
CAPOROSSO	Lidia
CLARKE	Edith Essie
COLAUTTI	Maria Cecilia
DE HOYOS	Claudia María
EL KHOLTI	Rim

ENRIQUEZ	Elia L.
ESPINOSA RESTREPO	María Teresa
FANO	Daniela
FODDIS	Rudy
GARCIA	Mercedes Centenia
GARCIA GIRON	Luis roberto adolfo
GOMEZ SANCHEZ	Viviana
HABIB	Rima
HALLDIN	Cara
HELASKOSKI	Eva Birgitta
HENRIQUEZ CABALLERO	Marcela Paz
HERRERA-MORENO	Veronica
HUSGAFVEL-PURSIINEN	Kirsti
HUSIN	Shawaludin
JOSEPH	Bobby
LEDDA	Caterina
LI	Xiuting
LINDBOHM	Marja-Liisa
LOBO	Oscar Gerardo
MAKOKHA	Winnie Rabera
MINNIE	Denise
NOURRY	Nathalie
PADILLA	Patricia
PANTANO	Maria Cristina
PIEDRAHITA	Hugo
POLO ALVARADO	Bertha
PRADO	Marta
RADFORD	Jennifer M.
ROCHELEAU	Carissa Marie
ROGERS	Bonnie
SALVATIERRA	Marian
SANTORO	Nicolas
SHIRANGI	Adeleh
TENORIO PINEDA	Claudia patricia
VAN ZANTEN-PRZYBYSZ	Iwona
VISSER	Joan



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: February 9th, 2024

Submitted by SC: **Work Disability Prevention and Integration**

Name of Chair: Professor Alex Collie

Year of Appointment: 2022

Contact Information:

School of Public Health and Preventive Medicine, Monash University, 553 St Kilda Road, Melbourne VIC 3004 Australia.

Telephone - +61 (0)3 9903 0525 (office) or +61 (0)408 194 261 (mobile phone)

Email address – alex.collie@monash.edu

Name of Secretary: Dr. Karen Nieuwenhuijsen

Year of Appointment: 2022

Contact Information:

1. Amsterdam UMC location University of Amsterdam, Public and Occupational Health, Meibergdreef 9, Amsterdam, The Netherlands

2. Amsterdam Public Health research institute, Societal Participation & Health, Quality of Care, Amsterdam, The Netherlands

Meibergdreef 9, 1105 AZ Amsterdam

Telephone + 205665320 or +644124421 (mobile)

Email address: K.Nieuwenhuijsen@amsterdamumc.nl

SC Website URL: <http://www.icohweb.org/site/scientific-committee-detail.asp?sc=8>
Also, <https://www.wdpi.net>

Other SC Means of Communication:

- Email distribution list to SC members
- Occasional newsletter via email distribution to mailing list from wdpi.net
- Email distribution to other ICOH Scientific Committees
- Online seminars and scientific conferences
- Periodic online meetings of SC committees

Focus and aim of the SC:

1. To be a forum for scientific and professional knowledge exchange in the field of work disability prevention and integration, addressing issues in both developed as well as developing countries.
2. To address work disability prevention and management that impact labour market entry, work re-entry, work retention, and career advancement.
3. To promote scientific and professional advancement of optimal methods to promote work participation and work ability of workers with a range of health conditions and work situations.
4. To highlight the complexity of stay-at-work and return-to-work through a transdisciplinary and evidence-based perspective, in particular: individual, workplace, and other determining factors, effective prevention and rehabilitation practices, personal, social, legal, and cultural aspects.

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: Online

Date: November 27th 2023

Number of attendees: 21

Date report sent to VP: Febr 7th 2024 (Please use Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	PREMUS, WDPI, & MYOPAIN 2023
-------------------------------	---

Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	Sept 20-26 2023				
Venue:	St. John's Medical College				
Organizers:	PREMUS (Dr. Deepak Sharan)				
Co-organizers and Collaborators: Please identify and describe roles	WDPI SC (Prof. Alex Collie & Dr. Karen Nieuwenhuijsen) Myopain SC				
Number of participants:	240				
Publication or provision of CD/DVD proceedings:	Video On Demand available on the website. Link here.				
Book of abstracts:	TBA				
Book of selected proceedings:	TBA				
Special issue of peer reviewed journals:	TBA (Planned in International Journal of Occupational and Environmental Medicine (IJOEM))				
Assessment of success / impact:	This was a hybrid conference based in Bengaluru, India, attracting many local and international attendees. From a WDPI SC perspective, there were ~50-60 presentations, workshops and symposia focused on work disability, with multiple members of the WDPI global scientific community attending in person and many more online.				

(2) Name of the event:	WDPI SC Online seminars				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
		X			
Date:	27 April 2023 - Alex Collie - What happens to workers with long-duration work disability when workers compensation ends? 17 August 2023 - William Shaw - What do workers with injuries and illnesses want from their employers? 10 October 2023 - Margot Joosen - Aligning work with values: Enhancing mental wellbeing at work and the role of the supervisor.				
Venue:	Online via ZOOM platform				
Organizers:	WDPI Scientific Committee				
Co-organizers and	Not applicable				

Collaborators: Please identify and describe roles	
Number of participants:	20-50 at the various occasions
Publication or provision of CD/DVD proceedings:	Online seminars, available at https://www.youtube.com/channel/UC2aPdQipcEEAiIgwZ10LkAw
Book of abstracts:	Not applicable
Book of selected proceedings:	Not applicable
Special issue of peer reviewed journals:	Not applicable
Assessment of success / impact:	In 2023 the WDPI SC trialed online seminars as a method of engaging scholars globally. Three seminars were held with speakers from Australia, the United States and the Netherlands. The seminars were successful in providing opportunities for interaction and engagement of the scientific community in between the less frequent face-to-face scientific meetings. We aim to continue the seminars from 2024 onwards.

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

***NOTE:** Please do not repeat information already provided in the Midterm Report.*

Publications, Proceedings, Guidelines*, Position Papers*, etc.

None published.

Collaborative activities with other ICOH SCs:

We have joined the Musculoskeletal Disorders SC (PREMUS) in organising a hybrid (online and in-person attendance) conference that was held in Bengaluru, India on September 20-26 2023. See information above for more details.

We have further joined the Musculoskeletal Disorders SC (PREMUS) in organising the PREMUS conference in Tübingen, Germany, expected to be held in September 2025.

Participation and support to WHO – ILO meetings and/or publications:

None.

Collaboration with non-ICOH organizations:

None.

Any other points of relevance:

None.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027

Planned Scientific Contributions to the ICOH2024 Congress:

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

The ICOH2024 Congress has confirmed the following WDPI SC contributions as being accepted for the congress:

- Special session on “Stay at Work for workers with chronic pain conditions” led by Professor Mette Stockendahl.
- Free paper session on “Determinants in Work Disability”
- Free paper session on “Work Disability Prevention – Policies, Interventions Strategies and Implementation Issues”
- More than 60 abstract submissions were received for the two free paper sessions. In addition members of the WDPI SC have submitted abstracts to other free paper sessions of relevance.
- Abstract reviews for free paper sessions were conducted by Prof Alex Collie, Dr Michael Di Donato, Prof Mette Stockendahl, Prof Angela de Boer, Dr Mariska de Wit, Dr Behdin Nowrouzi-Kia, Dr Daniel Griffiths, Dr Shannon Gray.
- We plan to also host a SC business meeting during the Congress.

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

2024- Contribution to ICOH Scientific Congress

2025 – Contribution to PREMUS conference in September

2026- WDPI conference in Vancouver, University of British Columbia (Canada) with Business Meeting of SC

2024 – 2027 Online series of scientific seminars conducted every ~3 to 4 months

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

2025- Contribution to PREMUS conference (see above).

Triennium 2024-2027 Planned collaborative activities with other (non-ICOH) organizations:

2026: planned collaboration with the School of Population Health at the University of British Columbia, and the Centre for Research on Work Disability Policy (<https://www.crwdp.ca/en/home>) in organising the WDPI conference in Vancouver.

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

The WDPI SC is planning a special series of articles on 'state of the art' in work disability prevention and integration to be published in the Journal of Occupational Rehabilitation. The call for papers is planned to be open from Spring 2024 to Autumn 2025.

Any other points of relevance:

The WDPI SC established an Early/Mid Career Working Group in 2022/23 which has met on three occasions. We anticipate that this group will continue to meet, to identify and lead opportunities for engagement and career development of early and mid career researchers in the field over the coming triennium.

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:**Re-vitalizing interactions**

Over the past three years, the SC has made significant strides in advancing its mission to promote the prevention of work disability and facilitate the integration of individuals into the workforce. With a concerted effort to revitalize both in-person and online interactions after the COVID-19 pandemic, our committee has achieved notable progress in fostering collaboration and knowledge exchange within the global scientific community.

Interaction Initiatives:

- 1) Joined PREMUS WDPI and Myopain conference (hybrid).
- 2) Webinar series (4 held to date in 2023)
- 3) Plans for the ICOH Congress in Morocco

Expanding Leadership Engagement:

Recognizing the importance of diverse perspectives and expertise in guiding our committee's initiatives, we have prioritized engagement with the executive committee. We have aimed to broaden participation within our committee, striving to engage a wider range of perspectives in our activities and discussions. As such we have reached

out to the WDPI community. Thirty members of our community have expressed interest in either joining the Executive Committee (the current members have volunteered to make way) or one of the working groups dedicated to specific tasks. As part of our efforts to support the professional development and engagement of emerging researchers in the field, we have established an Early/Mid-Career WDPI Researchers Group. Engaging with this group has also functioned as a way to expand leadership engagement.

Sharing the scientific legacy and collective knowledge

This initiative aims to disseminate the wealth of scientific legacy and collective knowledge accumulated by our committee to a wider audience of researchers, practitioners, and policymakers. The aim is to produce a special series of articles on Work Disability Prevention and Integration (WDPI) in the Journal of Occupational Rehabilitation (JOR). The preparations have started, a working group has conferred with the editor of JOR and is now preparing the call for papers.

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
- ☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)

SC Members

Name:

Title	First Name	Last Name
	Benjamin	
Dr.	Cleveland	AMICK
Dr.	Blanche	Andrews
	Johannes	
Dr.	Regnerus	ANEMA
		BEGASSE DE
Dr.	Olivia	DHAEM
Dr.	Cécile R.	BOOT
Dr.	Alex	BURDORF
Prof.	Alex	COLLIE
Dr.	Katia Maciel	COSTA-BLACK
Dr.	Diana Elizabeth	CUERVO DIAZ
Dr.	Rupali	DAS
Dr.	Angela	DE BOER
		DE SOUZA
Dr.	Raquel	CORREA

Dr.	Bradley Alan	EVANOFF
Prof.	Julia	FAUCETT
Dr.	Almahir	FERDOUS
Dr.	Cristiane helena	GALLASCH
Dr.	Facundo Matias	GASPOZ
Dr.	Kurt	HEGMANN
Prof.	Carel T.J.	HULSHOF
Ms	Raija M.	ILMARINEN
Dr.	Olga	ISHTERYAKOVA
Dr.	Ellen	MACEACHEN
Dr.	Nicole	MAJERY
	Kenneth Ramon	
Mr.	Joe	MASON
Dr.	Robert Keene	MCLELLAN
Ms	Vivian Aline	MININEL
Dr.	Karen	Nieuwenhuijsen
Ms	Susan elizabeth	PETERS
Dr.	Elisabeta	PLETEA
Prof.	Glenn S.	PRANSKY
Prof.	Laura	PUNNETT
Prof.	Jorma	RANTANEN
	Andrei	
Dr.	viktorovich	RIKUNOV
Dr.	Lesley	RUSHTON
Prof.	Eduardo Costa	SA
Dr.	Tateishi	SEIICHIRO
Dr.	William Stanley	SHAW
Prof.	João Silvestre	SILVA JR.
Dr.	Kevin L.	TRANGLE
Prof.	Harri Uolevi	VAINIO
Ms	Catherine	VAN NIEKERK

Members who left the SC since the submission of the SC Midterm Report:

Name: **Email address:**

Dr.	Per	GUSTAVSSON
Dr.	Jos H.A.M.	VERBEEK
Prof.	Christer	HOGSTEDT

Deceased:

Prof.	Patrick	LOISEL
Prof.	Peter J.M.	WESTERHOLM



**ICOH 2022-2024 TRIENNIUM
SCIENTIFIC COMMITTEE FINAL REPORT
Covering the period March 1, 2023 – January 1, 2024**

ICOH is using an identical format for the Scientific Committee (SC) Midterm and Final Reports. Each covers a specified timeframe. Please do not repeat Midterm Report detailed information covering the first half of the Triennium. Please DO enter information on the activities and products identified in the Midterm Report as planned for this period.

The SC Final Report covers the period March 2023 – January 2024.

Please submit it no later than January 1, 2024 to:

Vice President: Claudina Nogueira

claudinanogueira@hotmail.com

cmcanogueira@gmail.com

Secretariat General

icoh@inail.it

The SC Final Report will be maintained on the ICOH SC Virtual Office webpage. It will be used in combination with the SC Midterm Report by the Vice President to prepare and print the SCs Triennium Report for the ICOH2024 Congress. Please be prompt in submitting the Final Report by January 1, 2024.

(PLEASE USE CAMBRIA FONT, SIZE 12, BLACK COLOUR TO COMPLETE THE FORM)

Date: 7 February 2024

Submitted by SC: **Work Organisation and Psychosocial Factors**

Name of Chair: Professor Akihito Shimazu

Year of Appointment: 2018

Email address: ashimazu-tky@umin.ac.jp

Name of Secretary: Ms. Denise Minnie

Year of Appointment: 2022

Email address: dminnie@randwater.co.za

SC Website URL (if available):

Other SC Means of Communication:

Mailing list (Member only): icoh-wops@umin.ac.jp

Focus and aim of the SC:

WOPS aims to promote awareness, research, and education, to disseminate good practices, and to influence policy development in the area of work organization and psychosocial factors. Psychosocial factors concern aspects of work organization, design,

and management. If managed well they can lead to individual, organizational, and societal well-being and sustainability. However, in the opposite scenario, they may have a negative impact at these three levels.

Our SC has contributed to the development of key policies, research, guidance, and standards in this area for the European Commission, the European Agency for Safety & Health at Work (EU-OSHA), the World Health Organization (WHO), and the International Labour Organization (ILO).

PART I – ACTIVITIES: Business meetings, Conferences, Seminars and Workshops

Period: March 2023 – January 2024

Please note collaborations with other SCs, WHO, ILO and NGOs.

NOTE: Do not repeat meetings and conferences already listed in this format in the Midterm Report

1) Business meeting:

Venue: Special meeting room 1, Hitotsubashi Hall, Toyoko Japan

Date: 21 September 2023

Number of attendees: 25

The business meeting minutes were sent to Vice President Ms. Claudina Nogueira on 25/11/2023. This included the ICOH Global Accord for Worker Mental Health: Tokyo Declaration on National Policy Commitments. The formal report for the ICOH Newsletter was submitted to the editor at the end of October 2023 (Please use the Business Report form in SC Virtual Office at <http://www.icohweb.org/>):

Conferences, Seminars, Workshops, Courses, etc.:

(Please use a table for each event description; please delete blank tables)

(1) Name of the event:	Joint Congress of ICOH-WOPS and APA-PFAW 2023. Imagine! Decent Work Beyond COVID-19				
Type of event (please check):	Conference	Seminar	Workshop	Course	Other
	X				
Date:	19-22 September 2023				
Venue:	Hitotsubashi Hall, Toyoko Japan				
Organizers:	ICOH Scientific Committee (Work Organization and Psychosocial Factors)				
Co-organizers and Collaborators: Please identify and describe roles	Asia Pacific Academy for Psychological Factors at Work				

Number of participants:	302 (from 34 countries/regions)
Publication or provision of CD/DVD proceedings:	Conference website: https://hp3.jp/icoh-wops_apa-pfaw2023/
Book of abstracts:	Registered participants could download PDF versions of abstracts via the website.
Book of selected proceedings:	<p>Congress reports were published in the following peer reviewed journals and in newsletters:</p> <ol style="list-style-type: none"> 1. Event report on ICOH-WOPS & APA-PFAW 2023 (in Japanese) https://www.jstage.jst.go.jp/article/ohpfjrn/47/1/47_52/_pdf/-char/ja 2. What's new about psychosocial risks? An outline of the 2023 joint ICOH-WOPS and APA-PFAW conference (in French), published in Archives des maladies professionnelles et de l'environnement Durand-Moreau Q, Denis MA, de Araujo TM, Ertel M, Minnie D, Shimazu A. Quoi de neuf en matière de risques psychosociaux? Retour sur la conférence conjointe ICOH-WOPS et APA-PFAW [What's new about psychosocial risks? An outline of the 2023 joint ICOH-WOPS and APA-PFAW conference]. Archives des maladies professionnelles et de l'environnement 2023;84(6):101944 https://www.sciencedirect.com/science/article/abs/pii/S1775878523002382?via%3Dihub 3. Congress Summary: Joint Congress of ICOH-WOPS & APA-PFAW 2023 (ICOH NEWSLETTER Volume 21 · Number 3 December 2023) 4. News article on the SASOHN Newsletter – December edition
Special issue of peer reviewed journals:	Selected peer-reviewed papers will be published in a special issue of Industrial Health.
Assessment of success / impact:	We believe the meeting was successful from the viewpoints of the number of attendees, geographic diversity of attendees, the concept building, and output (e.g., Tokyo declaration).

PART II - SC PRODUCTS AND COLLABORATIONS

Period: March 2023 – January 2024

NOTE: Please do not repeat information already provided in the Midterm Report.

Publications, Proceedings, Guidelines*, Position Papers*, etc.

(Provide title, authors, full citation. SCs are encouraged to produce ICOH Guidelines* and Position Papers*.

Guidelines and Position Papers must be approved **before publication by the ICOH SC Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Collaborative activities with other ICOH SCs:

(If collaboration in a Conference not listed above, provide the event name, dates, location, name, and role of each SC. Provide relevant details of other collaborations with SCs.)

Marie-Agnès Denis attended Epicoh in Mumbai in March 2023 and was presenting an oral paper with other colleagues on “Evaluation of the working time of paediatricians in a University Hospital”.

Participation and support to WHO – ILO meetings and/or publications:

(If collaboration in a Conference not listed above, provide event name, dates, location and role of each participating organization. Provide relevant details of other collaborations with WHO and/or ILO.)

Collaboration with non-ICOH organizations:

(If collaboration in a Conference not listed above, provide event name, dates, location, name and role of each participating organization. Provide relevant details of collaborations **other than** conferences.)

1. On invitation by Prof. Hans-Horst Konkolewsky, President, International ORP Foundation, Former Secretary General of the ISSA, Emeritus Director of EU-OSHA, M-A Denis, Co-Chair of ICOH-WOPS, gives one presentation during ICOH's session, chaired by ICOH's President, Dr Kang, about mental health and well-being at the workplace, at ORP Congress taking place from 26-28 April 2023 in Bilbao.

2. On invitation by Prof. Yawen Cheng, member of ICOH-WOPS, Professor & Director, Institute of Health Policy and Management College of Public Health, National Taiwan University, Taipei
Homepage: <https://homepage.ntu.edu.tw/~ycheng/>

Michael Ertel, Co-Chair of ICOH WOPS, was invited after the joint ICOH-WOPS & APA-Congress in Tokyo to give two presentations in September 2023 in Taipei:

(1) “Advances in regulating psychosocial work hazards in Europe and in Germany and in recognizing work-related mental disorders” on September 25, 2023, at the Workshop “Monitor-ing and Regulating Psychosocial Work Hazards and Workers’ Health: Experiences from Europe”, organized by the College of Public Health, National Taiwan University (CPH-NTU),

(2) “European approaches to regulate work in digital labour platforms” on September 26, 2023, at the workshop “Mental Health at Risk in the Workplace: Experiences from Denmark and Germany”, organized by the Department of Sociology, College of Public Health, National Taiwan University (CPH-NTU).

Any other points of relevance:

1. Reports on the Joint Congress of ICOH-WOPS and APA-PFAW 2023 in Tokyo were published in the following media:

(1) Event report on ICOH-WOPS & APA-PFAW 2023 (in Japanese)

https://www.jstage.jst.go.jp/article/ohpfjrn/47/1/47_52/_pdf/-char/ja

(2) What's new about psychosocial risks? An outline of the 2023 joint ICOH-WOPS and APA-PFAW conference (in French)

<https://www.sciencedirect.com/science/article/abs/pii/S1775878523002382?via%3Dihub>

(3) Congress Summary: Joint Congress of ICOH-WOPS & APA-PFAW 2023

(ICOH NEWSLETTER Volume 21 · Number 3 December 2023)

2. WOPS members published the following books on psychosocial factors at work.

(1) Maria C.W. Peeters, Jan de Jonge, & Toon Taris (Editors). (2023). An Introduction to Contemporary Work Psychology. Wiley.

(2) Johannes Siegrist, & Jian Li (2024). Psychosocial Occupational Health. An Interdisciplinary Textbook. Oxford University Press.

PART III - SC PLANS for the ICOH2024 Congress and for the next Triennium 2024-2027**Planned Scientific Contributions to the ICOH2024 Congress:**

(Provide information about new contributions *not already listed* in the SC Midterm Report. Be specific: List title of scientific sessions, speakers, abstract reviewers, business meeting, etc.)

- 4 oral open paper and poster sessions (i.e., Positive mental health, work engagement, and well-being; Psychosocial risks – regulation and policies from an international comparative perspective; Qualitative and micro-level interventions to improve work organizations; Substance use, addictive disorders, doping and work)
- 1 special session (i.e., Off-job experiences and wellbeing)
- reviewers of abstracts (at a minimum: Shimazu, Minnie, Durand-Moreau, Ertel, Araujo, de Jonge, Tsuno, Denise)
- 1 business meeting

Triennium 2024-2027 Planned business meetings, conferences, seminars:

(Provide event name, dates, location, if possible)

- We plan to organize 1 business meeting during ICOH 2024 in Morocco.
- We plan to organize periodical board meetings via Zoom to discuss the management of the scientific committee.
- One SC conference will be organized.
-

Triennium 2024-2027 Planned collaborative activities with other ICOH SCs:

(Provide event name, dates, location, collaborating SCs, and role of each SC. Provide relevant details of other collaborations with SCs.)

The next SC conference can be organized in collaboration with other ICOH SCs, such as CVD, Women Health, and Work and Epicoh.

Triennium 2024-2027 Planned collaborative activities with other (*non-ICOH*) organizations:

(Provide name of non-ICOH organization, proposed event name, dates, location and role of the SC. Provide relevant details of collaborations ***other than*** conferences.)

Triennium 2024-2027 Planned Publications, Guidelines*, Position Papers*, etc.:

(Provide proposed title, authors, timeframe, publication vehicle, if possible.

Guidelines and Position Papers must be approved **before publication by the ICOH Vice Presidents, Secretary General and President. Please refer to Article 8 – Publications and Websites – of the ‘Guidelines for Scientific Committees’ in the SC Virtual Office).*

Any other points of relevance:

PART IV - Assessment of Success of the SC and Impact on Global Occupational Health

ICOH aims to understand and share widely the value and impact of the work of the SCs on improving global occupational health. Please review the SC activities of this Triennium 2022-2024 and provide an assessment of the SC outputs.

SC Final Report:

(Please assess the success of the SC and its influence in improving global occupational health as a result of the work **during** the current Triennium. You may want to note anticipated impact. Give examples where possible.)

Our SC has contributed to the development of key policies, research, guidance, and standards in this area for the European Commission, the European Agency for Safety & Health at Work (EU-OSHA), the World Health Organization (WHO), the International Labour Organization (ILO), and G7.

ICOH-WOPS maintains close collaboration with other ICOH SCs, in particular Cardiology in Occupational Health, Ageing and Work, Musculoskeletal Disorders, Occupational Health and Development, Occupational Health Nursing, Unemployment, Job Insecurity and Health, Women Health and Work, Neurotoxicology and Psychophysiology, Shiftwork and Working Time and Accident Prevention.

WOPS has also established collaboration in the area of psychosocial factors at work with WHO, ILO, the European Academy of Occupational Health Psychology (EAOHP), the Society for Occupational Health Psychology (SOHP), the Asia Pacific Academy for Psychosocial Factors at Work, the Latin American Research Network of Researchers on Psychosocial Factors at Work (RIFAPT), and the Ibero-American Network for Work-related Psychosocial Risks (RIPSOL).

PART V - Evaluation of this SC Final Report form

- ☐ This form is acceptable
☐ This form should be changed. Please recommend changes for improvement.

PART VI – List the Members of the SC or attach a separate file with the list (provide full name and email address of all members)**SC Members****Name:****Email address:****First Name****Last Name**

Leonardo	AGUIRRE ARANIBAR
Ahmed	ALBADRY
Fernando Luis	ARIAS GALICIA
Sara	ARPHORN
Tessa Susanna	BAILEY
Marcia	BANDINI
Michelle	BESTER
Tanka Prasad	BHATTARAI
Cécile R.	BOOT
Maria Claudia	BORDA GALLON
Tiago	BOUCA NOVA
Lutgart	BRAECKMAN
Rodolfo	BUSELLI
Fernanda	CABRAL SCHVEITZER
José luis	CALDERON MAFUD
Carmen	CANEDO GARCIA
Carlo	CAPONECCHIA
Yohama Auxiliadora	CARABALLO
Yawen	CHENG
Wai fung	CHEUNG
Els	CLAYS
Miguel Ricardo	COLI SALAS
Charles Austin	CROPPER
Junming	DAI
Tania	DE ARAUJO
Jan	DE JONGE

Annamaria	DE LUCA
Rodrigo Bornhausen	DEMARCH
Marie-agnès	DENIS
Maureen	DOLLARD
Quentin	DURAND-MOREAU
Erika Gianna	ECHEGARAY ORSERO
Kerstin A E	EKBERG
Ayman	EL MAJDOULI
Ahmed Mohamed	EL MAKATY
Michael	ERTEL
Ruddy Cesar	FACCI
Marco	FERRARIO
Frida Marina	FISCHER
Karina Paola	FRIAS
David	GOLD
Seunghon	HAM
Leslie	HAMMER
Takashi	HARATANI
Hans martin	HASSELHORN
Marcela Paz	HENRIQUEZ
Yui	CABALLERO
Irene Lydia	HIDAKA
Jan Lucas	HOUTMAN
Vishnumohan	HOVING
Arturo	JANARDHANAM
Girish Varadaraju	JUAREZ GARCIA
Norito	KALMADY
Dae Seong	KAWAKAMI
Inah	KIM
Sang-Baek	KIM
Evelyn	KOH
Alkinoi	KORTUM
Stavroula	KRIKELLA
Jian	LEKA
Hsi-chen	LI
Samanthia	LIU
Wendy Anne	LUGAY-CHARLES
Santiago	MACDONALD
	MAFFIA BIZZOZERO

Ieva	MALINAUSKAITE
Vilija	MALINAUSKIENE
Fernando akio	MARIYA
Begona	MARTINEZ-JARRETA
Retneswari	MASILAMANI
Kenneth Ramon Joe	MASON
Horst	MAYER
Stanley Mwangi	MBATHA
Robina	MCCANN
Robert Keene	MCLELLAN
Denise	MINNIE
Taurai	MTETWA
Olesja	NEDIC
Karen	NIEUWENHUIJSEN
Jodi	OAKMAN
Francisca Uche	OJOMO
Valerie	O'KEEFFE
Daniel	OKYERE
Patricia	PADILLA
Martha Edilia	PALACIOS NAVA
Giuliano	PESEL
Metin	PICAKCIEFE
Rachael Elise	POTTER
Nuri	PURWITO ADI
Joshua Samuel	RAJKUMAR
INSTITUT DE	ROBERT-SAUVE EN
RECHERCHE	SANTE
Reiner	RUGULIES
Emma	SALA
Nuno augusto	SALDANHA
Natalie virginia	SCHWATKA
Kyoko	SHIMADA
Akihito	SHIMAZU
João Silvestre	SILVA JR.
Loubna	TAHRI
Jacques SinFat	Tamin
Sara	THOME
Maria Dimitrova	TITOPOULOU
Abdoul Kader	TOURE'

Horacio	TOVALIN
Ashish Akshay	TRIVEDI
Kanami	TSUNO
Akizumi	TSUTSUMI
Michelle Rae	TUCKEY
Reidar	TYSEN
Katsura	Umehara
Sara Guadalupe	UNDA
Heriberto	VALDEZ BONILLA
Allard	VAN DER BEEK
F.J.H.	VAN DIJK
Catherine	VAN NIEKERK
Michel	VEZINA
Gloria Helena	VILLALOBOS
Bart	VRIESACKER
Tianan	YANG
Lim	YIN CHENG
Doohee	YOU
Maged	YOUNES
Giulio	ZANOTTI
Min	ZHANG
Brian	ZIKI
