



## **ICOH Report on Scientific Committees**

### **Vice President's Report**

Triennium 2012-2015

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ICOH Vice President  
January 22, 2015

## **Report about ICOH Scientific Committees June 2012 - January 2015**

**Bonnie Rogers, Vice President ICOH**

January 22, 2015

### **Status of the Scientific Committees:**

During the Triennium there were 35 active Scientific Committees (SC). At the midterm ICOH Board of Directors meeting in Helsinki, Finland, February, 2014, 33 SCs met to discuss ongoing progress and plans for future activities.

Sessions were held on:

1. SCs collaboration with WHO
2. Integration and collaboration among SCs
3. SC output and dissemination

#### 1. SCs collaboration with WHO

- Possible SC contributions include:
  - SCOHDev survey to clarify activities on healthy workplaces in developing countries and informal work
  - Collaboration with WHO on guidelines on healthy workplaces
  - Co-sponsor with WHO another International Consultation on Healthy Workplaces
  - Establish a special interest group on Healthy Workplaces
  - Organize symposium on health coverage of workers in rural areas (Milan Sep 8-11, 2015)
  - Send second survey to ICOH National Secretaries in 2014 to learn country developments in contents, coverage and quality of occupational health services
  - Produce basic training materials on stepwise development of OHS according to ILO Conv 161
  - Contribute to policy options for organization and delivery of basic occupational health services

#### 2. Integration and collaboration among SCs

- Possible proposals for promotion of integration include:
  - More interactive website for SC activities specifically for SC Officers
  - Triennial calendar of events with enough lead time for collaboration
  - Regular integration session for SC Officers: Congress and midterm meeting
  - Bottom-up and Top-down approaches integrated with each other:
    - Example of Bottom up: More attention by chairs/secretaries to potential collaborations with other SCs
    - Examples of Top-down: Practical promotion/facilitation by ICOH, especially for small and/or new SCs, monitoring of achievements

and products (consensus documents/position papers etc.)

- Rationalisation or possible aggregation of less active SCs, to increase viability, critical mass, more rational use of resources
- Supra SCs for SCs in related areas to promote collaboration
- Possibly establish Special Interest Groups across SCs for specific topics, for example biological monitoring

### 3. SC output and dissemination

- Facilitation of this activity could include:
  - Start with a clear plan for three years or for a meeting: what kind of outputs, for what audience, using which channel
  - Transparent procedures needed for development and external dissemination of guidelines, position statements, etc.
  - External outputs should be from the committee and not from individuals

### **Activities of the Scientific Committees:**

The SCs have worked diligently and collaboratively generating quality scientific work and products. These are found in their individual final reports. All SCs have organized at least one conference resulting in nearly 110 conferences offered globally during this period (Attachment 1). Many SCs have jointly co-sponsored conferences and other activities with other SCs. SCs have been very active working to develop partnerships, collaboration, and products with other entities and organizations. The number of publications including scientific proceedings for SCs exceeded 150 which are identified in the specific SC reports. Publications and other materials of interest are being developed for occupational safety and health professionals to support needs of developing basic occupational health services. Efforts to recruit new members, especially younger members, support the goal of ICOH.

### **Scientific Committees' Contributions to ICOH 2015 Congress:**

During the Triennium, SCs were highly engaged in identifying and recommending keynote and semi-plenary speakers for the Congress. Ten keynote and 30 semi-plenary sessions have been organized. SCs helped to develop Special Sessions with about 130 Special Sessions (Attachment 2) planned. SC members peer reviewed hundreds of abstracts for acceptance as oral papers and posters. About 70 oral abstract sessions, more than 400 papers, and nearly 650 posters are planned (Attachment 3).

### **Scientific Committee Webpace and Virtual Office:**

Appreciation is expressed to the ICOH Secretariat and Web staff at INAIL, Department of Occupational Medicine (formerly ISPESL), who host the ICOH website. They provide links and SC information on a webspace for each SC at <http://www.icohweb.org/committees/>. Midterm and Final Triennium Reports for SC can be found here.

The ICOH Secretariat and Web staff also have developed the Virtual Office for SCs at <http://www.icohweb.org/scvo/index.asp> that maintains communications of the ICOH Officers to the SC Chairs and Secretaries and provides forms for required activities.

## **Revision of Forms and Guidelines for Scientific Committees:**

All forms for submitting SC reports were reviewed and sent to all SCs and placed on the ICOH website for easy access. Guidelines for SCs are continuously reviewed for necessary revisions and made available to all SCs for use. The objective is to have clear guidance for the SCs and for newly appointed Chairs and Secretaries.

## **Conclusions**

The ICOH SCs provide the major scientific quality for ICOH and the ICOH Congress. The sessions organized for the ICOH Congress 2015 demonstrate both depth and breadth in content as well as emerging ideas for the future. The SCs are highly engaged in disseminating scientific information and developing collaborative relationships to further the science. In addition, it is very important that we seek to develop new streams of memberships to continue to vitalize our efforts.

## Attachment 1: Conferences of Scientific Committees for 2012-2015 Triennium

Summary of Conferences of Scientific Committees from Final Reports as of January 2015

<b>Scientific Committee</b>	<b>Conference</b>	<b>When</b>	<b>Where</b>
<b>Accident Prevention</b>	30th International Conference on Occupational Health	March 2012	
	Forum on psychosocial risk: the impact of new working methods	October 2014	Preston, UK
	Follow-up forum on psychosocial risk (in course of planning)	February 2015	London
	The 31st International Congress on Occupational Health	May 2015	Seoul, Korea
<b>Aging and Work</b>	Work, Wellbeing and Wealth: Active Aging at Work	September 2013	Helsinki, Finland
	The International Ergonomics Conferences in Melbourne 2015	August 2015	Melbourne, Australia
<b>Allergy and Immunotoxicology</b>	Congresso of Biotechnology	June 2012	Varese, Italy
<b>Cardiology in Occupational Health</b>	6th ICOH International Conference on Work Environment and Cardiovascular Diseases	March 2013	Tokyo, Japan
	13th International Congress of Behavioral Medicine	August 2014	Groningen, Netherlands
<b>Education and Training in Occupational Health</b>	“Aware, beware, take care” -New insights in occupational health surveillance	October 2014	Bologna, Italy
<b>Epidemiology in Occupational Health</b>	Mini symposium on Occupational Disease Surveillance and Modernet -Improving the Impact	June 2013	Utrecht, the Netherlands
	EPICOH 2013	June 2013	Utrecht, The Netherlands
	EPICOH 2.0.13: Improving the Impact	June 2013	Utrecht, The Netherlands
	EPICOH 2014 Challenges for Occupational Epidemiology in the 21st Century	June 2013	Chicago, IL, USA
<b>Health Services Research and Evaluation in OH</b>	COST Action IS102 Modernet meetings in Leuven, Rome and Bucharest	June 2012, Nov 2012, May 2013	Leuven, Rome, Bucharest
	“Aware, beware, take care” -New insights in occupational health surveillance	October 2014	Bologna, Italy
<b>History of Prevention of Occupational and Environmental Diseases</b>	Fifth International Conference on History of Occupational and Environmental Health- Framing Occupational Diseases	April 2014	Rotterdam, Netherlands

<b>Indoor Air Quality and Health</b>	Indoor Air Conference 2014	July 2014	Hong Kong
	On the reduction of health effects from combined exposure to indoor air pollutants in modern offices	October 2013	Brussels, Belgium
<b>Industrial Hygiene</b>	EPICOH 2013	June 2013	Utrecht, The Netherlands
	Workshops in connection to EPICOH 2013	June 2013	Utrecht, The Netherlands
	The 7th International Conference on the Science of Exposure Assessment, 2012	July 2012	Edinburg, Scotland
	International Conference on Monitoring and Surveillance of Asbestos-Related Diseases	February 2014	Espoo, Finland
	IOHA Board meeting	February 2014	Stavanger, Norway
	AIHce 2014	June 2014	San Antonio, Texas
	EPICOH 2014	June 2014	Chicago, Illinois
<b>Musculoskeletal Disorders</b>	Eighth International Scientific Conference on Prevention of Work-related Musculoskeletal Disorders (PREMUS)	July 2013	Busan, South-Korea
<b>Nanomaterials Worker's Health</b>	The International Congress of Toxicology 2013 (ICT2013)	June 2013	Seoul, Korea
	6th International Symposium on Nanotechnology, Occupational and Environmental Health (NanOEH)	October 2013	Nagoya, Japan
	13th Latin American Congress on Occupational Health	October 2013	Buenos Aires, Argentina
	Symposium on the health protection of the nanomaterial workers	February 2015	Rome, Italy
<b>Neurotoxicology and Psychophysiology</b>	12th International Symposium on Neurobehavioral Methods and Effects in Occupational and Environmental Health	February 2013	Cape Town, Republic of South Africa
	12th Conference of the Scientific Committee on Neurotoxicology and Psychophysiology of the International Commis. Special sessions on Pestides and Workshop Neurological Occupational Diseases	March 2013	Cape Town, South Africa
	Occupational and Environmental Factors in Neurological Disease Occupational and Environmental	November 2012	San Francisco, CA

	Medicine Update		
<b>Occupational and Environmental Dermatoses</b>	6th International Conference on Occupational and Environmental Exposure of the Skin to Chemicals (OEESC)	June 2013	Amsterdam
	Hands-on Workshop on Health Education in Occupational Dermatoses: Knowledge Dissemination, Didactical Experiments and Evidence-based Recommendations	June 2013	Osnabrueck, Germany
	XXth World Congress on Safety and Health, Symposium "The prevention of occupational skin diseases – a success story through innovative strategies"	August 2014	Frankfurt, Germany
<b>Occupational Health and Development</b>	4th International Conference on Occupational and Environmental Health	November 2012	Hanoi, Vietnam
	Basic Occupational Health Services: My Role, My Goal	January 2013	Bangalore, India
	63rd National Congress of the Indian Association of Occupational Health	January 2013	Bangalore, India
	ICOH SC Joint Conference 2013	September 2013	Sao Paulo, Brazil
	Skill sets for Occupational Physicians	September 2013	Sao Paulo, Brazil
	Essential occupational safety and health interventions in low- and middle income countries	September 2013	Hyderabad, India
<b>Occupational Health for Health Care Workers</b>	ICOH SC Joint Conference on Health Care workers	Sept 2013	São Paulo, Brazil
<b>Occupational Health in Nursing</b>	ICOH Joint Conference on Health Care Workers	September 2013	São Paulo, Brazil
	AAOHN 2nd Global summit and AAOHN conference, Dallas, Texas, USA	May 2014	Dallas, Texas
<b>Occupational Health in Small-Scale Enterprises and the Informal Sector</b>	USE Conference	February 2013	Nelson, New Zealand
<b>Occupational Health in the Chemical Industry(MEDICHEM)</b>	Mini-symposium at the ICOH congress		Cancun, Mexico
<b>Occupational Health in the Construction Industry</b>	30th International Symposium on Safety and Health in the Construction Industry	October 2012	Boston, MA, USA

<b>Occupational Medicine</b>	Mini symposium on Occupational Disease Surveillance and Modernet -Improving the Impact	June 2013	Utrecht, the Netherlands
	“Aware, beware, take care” -New insights in occupational health surveillance	October 2014	Bologna, Italy
	COST Action IS102 Modernet	October 2013	Paris, France
	COST Action IS102 Modernet	April 2014	Zaragoza, Spain
	COST Action IS102 Modernet	October 2014	Bologna, Italy
<b>Occupational Toxicology</b>	Symposium on “Advances in Biomonitoring for Occupational and Environmental Health” at ICT-2013, the XIII International Congress of Toxicology	June 2013	Seoul (Korea)
	A workshop at EUROTOX 2012	June 2012	Stockholm
	9th meeting of the International Symposium on Biological Monitoring	September 2013	Manchester, UK
<b>Radiation and Work</b>	THE ANNIVERSARY SEMINAR: 25 Years of EMF and Health Research at Tampere University of Technology	May 2013	Tampere, Finland
	The occupational health professionals and the exposures to electromagnetic fields (EMF): what about the Directive 2013/35/EU	April 2014	Paris, France
	8th International Workshop on Biological Effects of Electromagnetic Fields	September 2014	Varna, Bulgaria
<b>Reproductive Hazards in the Workplace</b>	2nd RHICOH Conference	June 2013	Utrecht University
<b>Respiratory Disorders</b>	2nd Japanese AIR Pneumo Workshop	August 2012	Tokyo, Japan
	27th International Conference on Screening for Lung Cancer	November 2012	New York, NY, U.S.A.
	1st Indian AIR Pneumo Workshop	October 2013	New Delhi, India
	3rd Thai AIR Pneumo Workshop	December 2012	Nonthabury, Thailand
	1st Thai AIR Pneumo Recertification Workshop	December 2012	Nonthabury, Thailand
	3rd Brazilian Air Pneumo Workshop	July 2013	Sao Paulo, Brazil



	1st Brazilian AIR Pneumo Recertification Workshop	July 2013	Sao Paulo, Brazil
	3rd Japanese Air Pneumo Workshop	August 2013	Tokyo, Japan
	ASEAN Conference of the Development of National Readers for ILO Classification	July 2014	Chiang Mai, Thailand
	"The ILO International Classification of Radiographs of Pneumoconioses, Revised Edition 2011: its concepts and outline, training, and application for epidemiology	September 2015	Hakata, Japan
	4th Japan AIR Pneumo Workshop	August 2014	Tokyo, Japan
	4th Initial and 2nd Re-certification Thailand AIR Pneumo Workshop jointed with ASEAN	December 2014	Nonthabury, Thailand
<b>Rural Health: Agriculture, Pesticides and Organic Dusts</b>	12th Conference of the Scientific Committee on Neurotoxicology and Psychophysiology of the International Commission. Special sessions on Pestides and Workshop Neurological Occupational Diseases	March 2013	Cape Town, South Africa
	9th International Symposium on Biological Monitoring in Occupational and Environmental Health	September 2013	Manchester, UK
	Health of the Rural Population of Serbia	October 2013	Serbia, Europe
<b>Shiftwork and Working Time</b>	21st International Symposium on Shiftwork and Working Time: The 24/7 Society - from chronobiology to practical life	November 2013	Bahia, Brazil
	2nd Symposium of the German Speaking Working Time Society	September 2014	Dortmund, Germany
<b>Thermal Factors</b>	3rd Barents Occupational Health Workshop	October 2012	Oulu, Finland
<b>Toxicology of Metals</b>	EUROTOX 2012	June 17-20, 2012	Stockholm
	SCNP Conference on Neurotoxicology	March 27-30, 2013	Cape Town, South Africa
	EPICOH 2013	June 18-21, 2013	Utrecht, the Netherlands
	The International Congress of Toxicology 2013 (ICT2013)	June 30-July 4, 2013	Seoul, Korea
	ISEE 2013(International, Society for Environmental Epidemiology)	August 20-23, 2013	Basel, Switzerland

	ISBM2013. International Symposium on Biological Monitoring	September 2013	Manchester, UK
	12th Conference of the Scientific Committee on Neurotoxicology and Psychophysiology of the International Commission. Special sessions on Pesticides and Workshop Neurological Occupational Diseases	March 2013	Cape Town, South Africa
	The International Congress on Rural Health	September 2015	Brescia, Italy
	The International Society for Trace Element Research in	October 2014	Dubrovnik, Croatia
<b>Unemployment and Health</b>	Workshop on combatting youth unemployment. Demonstration with the School-to-Work group method.	June 2013	Aquascalientes, Mexico
<b>Vibration and Noise</b>	5th international Conference on whole Body Vibration Injuries <wbvconference@amc.uva.nl>	June 2013	Amsterdam, The Netherlands
<b>Women Health and Work</b>	Argentinian Symposium of Women, Work and Health	September 2012	Corrientes Province, Argentina
	Symposium of Women, Work and Health	November 2012	Buenos Aires, Argentina
	Women's Cancer Initiative celebrating World Cancer Day 2013	February 2013	Washington DC
	Celebrating Women's World Day 2013 in Venezuela: Seminar on Women, Health and Work, held during 1st Encounter for prevention of occupational diseases 2013	April 2013	Maracay, Venezuela
	ICOH Joint Committee Conference 2013	September 2013	Sao Paulo, Brazil
	1st Latin-American Symposium in Women, Work and Health within the XIII Latin-American Congress on Occupational Health	October 2013	Buenos Aires, Argentina
	Celebration of Women's World Day 2014: Supporting women's work initiatives in traditionally masculine domains. Clara Schumann Women's Orchestra: A Symphonic Orchestra on Heels [Orquesta de Mujeres Clara Schumann: una sinfónica en tacones]	March 2014	Bogotá, DC - Colombia

	Occupational Health and Occupational Diseases Symposium	June 2014	Ankara, Turkey
	XX World Congress on Safety and Health at Work 2014 – Global Forum for Prevention	August 23-28 2014	Frankfurt, Germany
	Symposium: “The Role of Women in the Armed and Security Forces in Latin America and Argentina”, during the 18th Argentinian Conference on Occupational Health.	November 2014	Buenos Aires, Argentina
	International Conference on Occupational Radiation Protection: Enhancing the Protection of Workers – Gaps, Challenges and developments.	November 2014	Vienna, Austria
<b>Work and Vision</b>	ICOH SC JOINT CONFERENCE 2013	September 2013	Sao Paulo, Brazil
<b>Work Disability Prevention and Integration</b>	WDPI 2013 Scientific Conference	October 2013	Toronto, Canada
<b>Work Organization and Psychosocial Factors</b>	6th ICOH International Conference on Work Environment and Cardiovascular Diseases	March 2013	Tokyo, Japan
	ICOH-WOPS 2014 Congress	September 2014	Adelaide, Australia
	Work Organization and Psychosocial Factors 2014 Congress Workshops	September 2014	Adelaide, Australia
	Symposium: Mental health in small and medium sized enterprises: Current situation and future directions	December 2014	Tokyo, Japan
<b>ICOH/SCAP Relations</b>	30th International Conference on Occupational Health	March 2012	

## **Attachment 2: Special Sessions, ICOH Congress 2015, Seoul, South Korea**

Organized by ICOH Scientific Committees, Officers, Working Groups, and National and International Scientific Committees

<b><u>Special Session Titles:</u></b>
Action tools for facilitating primary prevention in small scale workplaces
Addressing invisible working women: blind, sensitive or transformative programs?

<b><u>Special Session Titles:</u></b>
Advances in the WHO healthy workplace initiative
Aging workers and occupational health
Aging, work and musculoskeletal degeneration
Agricultural workers' health in Asian countries
Agriculture: ancient risks and emerging risks and diseases
Anxiety at work: what we can do
Application of exposure scenario in Occupational Safety and Health Act in Korea
Asbestos and Erionite Today - Occupational and environmental problems
Asbestos problems in Asia
Asthma in damp indoor work
Best practices of health promotion activities for employees in global corporations
BOHS Jigsaw: Fitting the pieces together
Bridging a wide gap: Occupation health services in the informal sector
Challenges and strategies for shift and long work
Challenges in communicating occupational safety and health risks
Chest ct-based classification of occupational and environmental lung diseases
Climate change and occupational health
Climate change and occupational health
Clinical and physiopathology of multiple chemical
Contemporary ergonomics issues in os&h – Work improvement and aging
Critical issues in occupational health and epidemiologic surveillance of nanomaterial workers
Cultural issues in reporting work-related musculoskeletal disorders
Current status and prevention strategies of Zoonoses among Korean farmers
Current topics in healthcare worker health
Directors' forum for research on occupational health II
Directors' forum for research on occupational health III
Directors' forum for research on occupational health: Perspectives of national institutes on key occupational safety and health issues and solutions
Emergency care in occupational health: Rise for a position statement?
Emotional labor, workplace violence and labor
Emotional labor and health management
Endocrine disrupting chemicals in the workplace and environment
Epidemiology of idiopathic interstitial pneumonia

<b><u>Special Session Titles:</u></b>
Evaluating the health status of teen-age workers and establishment of prevention
Evolution of OH throughout the history of ICOH Scientific Committees
Exposure to wood dust and health effects
Fibers and particulate matter (including nanoparticles) immune effect
Globalization, organizational change, work intensification and musculo-skeletal disorders
Health & safety management for international assignees of global organizations
Health and wellbeing at the core of a global prevention culture
Health care workers
Health management for small enterprises
Health promotion for women workers
Health promotion strategy for improving healthy lifestyle
Health surveillance protocol for asbestos and silica exposed workers
Highlights on shiftwork: cancer, metabolic and cardiovascular
Historical evolution of occupational health in Asian countries
Human errors: The subtle challenge
Idiopathic environmental intolerance - To be or not to be?
Improving the prevention of occupational skin diseases through innovative intervention strategies at the regulatory and societal level
Improving the quality of preventive medical examinations in workers
Indoor air quality in modern office building
Information sharing and knowledge assessment in globalized occupational safety and health
Integration of health protection and health promotion as Total Worker Health: Perspectives from across the globe
ISSA Construction minisymposium
Long working hours and health
Managing health and safety culture
MODERNET: Trends in occupational diseases
Molecular toxicology on environmental and occupational carcinogens
Nanosafety research activities in occupational health
Noise and vibration synergistic effects
Nuclear weapons manufacturing: Health impact for workers from the “cold war”
Occupational and environmental health by nanoparticle
Occupational cancer surveillance system
Occupational COPD – Occupational exposure and epidemiological researches

<b><u>Special Session Titles:</u></b>
Occupational etiology of diseases and systematic reviews
Occupational exposure limits and sampling strategy for irregular & intermittent tasks
Occupational exposure to silica: scientific evidence and risk assessment
Occupational health in the mining sector
Occupational health nursing
Occupational radiation protection- Challenges and opportunities for improvement
Occupational safety and health in Africa: State of the art and future challenges
Occupational safety and health in Asia: State of the art and future challenges
Occupational safety and health in Latin America: State of the art and future challenges
Occupational safety and health in the Cochrane collaboration
Occupational skin cancer by natural and artificial sources
Occupational stress
Occupational well-being at MRI work
OECD nanomaterial exposure assessment
Older workers and early retirement
Optical radiation: Exposure, health effects and prevention in exposed workers
Outreach to employers in developing countries: A new tool to advance BOHS
Participatory action-oriented approaches for improving mental health of workers
Pathophysiology of emerging occupational and environmental allergies
Personal protection and measures at workplace
Pesticide exposure and climate change
Pesticides: Risks and prevention in developed and developing countries
Precarious employment – The Latin American situation
Prevention and management of asbestos-related diseases
Prevention for major accidents based on self-regulatory OSH system
Psychological diseases or symptoms in workplace
Psychosocial factors at work : State of the art in Latin America
Psychosocial risk factors in developing countries: Practical solutions with limited resources
Pulmonary toxicity of metals
Risks associated with mixed-exposure
Role of public policies in reducing workers' smoking prevalence
Safety & health policy for reduction of severe industrial accidents
Safety and health of the working time

<b><u>Special Session Titles:</u></b>
Safety management in the construction industry
Skill enhancement for oh physicians
Skin barrier function in occupational settings
Social determinants and occupational health
Solvent-induced cognitive decline – no more!
Status of agricultural injuries and diseases and prevention strategies
Supporting global action on workers' health – Achievements and lessons learned from the global network of WHO collaborating centers for occupational health
Surveillance for acute pesticide poisoning
Sustainable working lives - Managing work transitions and health
System safety in chemical and energy industries
The aging workforce and MSDs
The art and science of communicating occupational safety and health information
The art and science of moving our research to practice
The burden of occupational and environmental cancer
The making of ASEAN diagnostic criteria on occupational diseases
The monitoring working conditions in a comparative perspective - The EWCs and the KWCs
The new ILO list of occupational diseases: The application and the worldwide impact
The policy context to managing psychosocial risks in the workplace: examples from across the globe
The risk related to EMF exposure in workers with implanted medical devices
Towards a healthy workplace: From ill-health to well-being
Towards universal health coverage for workers
Toxic metals – New and old insights on their impact on chronic diseases
Toxicology of metals and occupational exposure: Ultrafine particles and engineered nanoparticles
Training programs applying participatory approaches in the field of OSH
Visual performance – Lighting evaluation x prevention of occupational diseases
Wikipedia workshop for health professionals: A hands-on interactive presentation
Women and violence at the workplace
Work and obesity
Work and spirituality
Workers, health center for SMEs
Workers' health and primary health care

**Special Session Titles:**

Workers' psychological burden in Asian countries

Working group on occupational infectious agents – Tasks and deliverables

Workplace interventions: Lessons in the adoption of health promotion and health protection by small enterprises

Work-related diseases in emergency responders



### **Attachment 3: Oral Paper / Poster Sessions, ICOH Congress 2015, Seoul, South Korea**

Organized by ICOH Scientific Committees, Officers, Working Groups, and National and International Scientific Committees

<b>Oral Paper / Poster Sessions Topics:</b>
Accident Statistic Analysis and its Applications
Advances in Biological Monitoring
Aging and Work
Allergy and Immunotoxicology
Asthma and Hypersensitivity Pneumonitis
Cardiology in Occupational Health
Chronic Diseases and Link Between Diseases in Workers
Communication in Occupational Health
Current Issues and Solutions in Industrial Hygiene
Development and Implementation of Workers' Health Surveillance
Education and Training in Occupational Health I
Education and Training in Occupational Health II
Elimination of Asbestos-related Disease
Epidemiology for Occupational and Environmental Diseases
Evaluating and Improving Work Functioning and Work-ability in Workers with High Psychosocial Demands
Free Topics I
Free Topics II
Future Industrial Hygiene Expectations within Developing Countries
Good Practices for Small Scale Enterprises

<b><u>Oral Paper / Poster Sessions Topics:</u></b>
Health and Safety culture
Health Effects of Pesticides: Surveillance, Prevention Programs
Health Services Research and Evaluation in Occupational Health I
Health Services Research and Evaluation in Occupational Health II
Health Surveillance in Workers Exposed to Hand-arm and Whole Body Vibration
Health Surveillance of Noise Exposure
History of Prevention of Occupational and Environmental Diseases
Indoor Air Quality and Health
Management for Workers' Health and Injuries
Musculoskeletal Disorders
Nanomaterial Workers' Health
Neurotoxicology and Psychophysiology
New Plans for Return to Work
Occupational and Environmental Exposure of Carcinogen
Occupational Hazard Evaluation for Health Care Workers
Occupational Health and Development
Occupational Health for Healthcare Workers
Occupational Health in Construction Industry
Occupational Health in the Chemical Industry (MEDICHEM)
Occupational Health Nursing
Occupational Infectious Agents
Occupational Injury Surveillance and Prevention Strategy
Occupational Medicine

<b><u>Oral Paper / Poster Sessions Topics:</u></b>
Occupational Respiratory Health and Disease
Occupational Safety and Health in the Mining Sector: Approaches for Small Scale / Individual Mines
Occupational Safety and Health in the Mining Sector: Global Systems
Participatory Approaches in OH
Physician's Health: What to Do When?
Pneumoconiosis and Occupational Lung Cancer
Psychosocial Risk Assessment
Quantitative and Qualitative Exposures within Developed/Industrialized Countries
Radiation and Work: Electromagnetic Fields
Radiation and Work: Optical Radiation and Ionizing Radiations
Reproductive Hazards in the Workplace
Safety Culture
Safety Management for Accident Prevention
Shiftwork and Working Time
Social Determinants and Occupational Health
Special Population and Their Health
Stress and Mental Health
The Scope and Specific Criteria of Compensation for Occupational Diseases
Thermal Factors
Toxicology of Metals
Unemployment, Job Insecurity and Health
Violence at Work; Bullying; Injustice
Women Health and Work

**Oral Paper / Poster Sessions Topics:**

Work Disability Prevention and Integration

Work Organization and Musculoskeletal Disorders I

Work Organization and Musculoskeletal Disorders II

Young Workers Safety and Health: Creating a Culture of Prevention