

تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس  
SOUS LE HAUT PATRONAGE DE SA MAJESTÉ LE ROI MOHAMMED VI  
UNDER THE HIGH PATRONAGE OF HIS MAJESTY KING MOHAMMED VI



# ICOH 2024

[www.icoh2024.ma](http://www.icoh2024.ma)

## 34<sup>th</sup> International Congress on Occupational Health

**28 April to 3 May 2024**

Palais des Congrès - Marrakesh - Morocco

Enhancing Occupational Health  
Research and Practices

*Closing the Gaps!*

3<sup>RD</sup> ANNOUNCEMENT



Hosted by



**THE BEN YOUSSEF  
MADRASA**

1564–1565 AD

“

I was built for science and prayer by the Prince of the Believers...Pray for him, Ô you who pass through my door, that his highest hopes may be realized...

”

# TABLE OF CONTENTS

MESSAGE FROM THE ICOH PRESIDENT	4
MESSAGE FROM THE ICOH2024 CONGRESS PRESIDENT	5
INVITATION FROM ICOH2024 DEPUTY CHAIR OF NATIONAL ORGANIZING COMMITTEE	6
INVITATION FROM ICOH2024 NATIONAL SCIENTIFIC COMMITTEE PRESIDENT	7
ICOH2024 COMMITTEES	8
CHAIRS OF ICOH SCIENTIFIC COMMITTEES	9
ICOH CONGRESSES	10
CONGRESS HOSTS	11
ICOH2024 AT GLANCE...	12
PROGRAM OVERVIEW	13
KEYNOTE AND PLENARY SPEAKERS	14
ICOH2024 GLOBAL POLICY FORUM	16
SEMI-PLENARY SESSIONS	18
SPECIAL SESSIONS A TO Z	20
TOPICS FOR FREE PAPER SESSIONS	24
ABSTRACTS BOOK	25
SOCIAL PROGRAM	26
CONGRESS FEES	27
ICOH2024 PARTNERSHIP AND VALUE PROPOSITION	28
10 REASONS TO BE ICOH2024 PARTNER	29
EXHIBITION SPACE	30
EXHIBITION PLAN	31
DISCOVER MOROCCO	32
DISCOVER MARRAKESH	34
DESTINATION INFORMATION	36
MOROCCAN CONNEXIONS	37
ACCOMMODATION	38
ENJOY YOUR STAY IN MARRAKESH	40
EXTEND YOUR STAY IN MOROCCO	41
CONTACT	42



## Message from the ICOH President

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I am delighted to present the 3<sup>rd</sup> announcement of the 34<sup>th</sup> International Congress on Occupational Health (ICOH2024) to be held in Marrakesh, Morocco from 28 April to 3 May 2024. Thanks to the hard work of the International and National Organizing Committees, renowned scientists have been invited as Plenary and Semi-Plenary speakers covering diverse fields in occupational health. Over 100 special sessions organized by the Scientific Committees, along with free communication sessions, have been scheduled.

Founded in 1906, the International Commission on Occupational Health (ICOH) is the oldest scientific association in the field of occupational health and safety. As of 2023, ICOH has approximately 2,000 Individual, 13 Sustaining (institutes), and 19 Affiliate (professional associations) members from 113 countries worldwide. ICOH is an NGO recognized by the United Nations and has a close working relationship with the International Labour Organization (ILO) and the World Health Organization (WHO).

Since its establishment, ICOH has held Triennial Congresses, offering unique opportunities to engage with international colleagues and to learn about the most current advances in occupational health. The ICOH Triennial Congress is a harmonized conference of its 38 Scientific Committees, global public institutes, and professional associations. The areas are not limited to organ-based diseases, toxicology, or professional areas, but expand beyond traditional areas to include aspects such as psychosocial, informal sector, employment, and inequity issues. The integrated, up to date new knowledge and information disseminated during the Congresses have enriched the participants' professional careers. The Congress Proceedings have been published in major international journals which have high impact factors.

Participants in these Congresses include physicians, nurses, epidemiologists, hygienists, toxicologists, psychologists, ergonomists, economists, social workers, administrative staff, government officers and public servants, etc. I am sure that participants will receive, deliver, and share more information and knowledge, including, for example, the resilience strategy developed from the impact of the COVID-19 pandemic at the workplace.

As the President of ICOH, I would like to invite any and all professionals who work in the field of occupational health and safety, regardless of their backgrounds or professional disciplines, to join us. Let's meet and exchange our wisdom in the thousand-year-old, historical city of Marrakesh, Morocco in April 2024.

### **Professor Seong-Kyu Kang**

*President of ICOH*

*Gachon University Gil Medical Center, Rep of Korea*

## Message from the ICOH2024 Congress President

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Dear Esteemed Participants,

Marhaba Bikom!  
Simply Welcome!

We are at the dawn of an exceptional, unprecedented meeting in Morocco, the 34<sup>th</sup> International Congress on Occupational Health, ICOH2024, a major world Congress on occupational health, safety and well-being.

On behalf of the organizing committee, it is my great pleasure to extend a warm welcome to all delegates, speakers, sponsors, and partners attending the ICOH2024 Congress, this spring in the beautiful Marrakesh, "Ocher City", under the High Patronage of His Majesty King Mohammed VI.

As the President of ICOH2024, I am honored to host this prestigious global event, bringing together stakeholders, professionals and experts, from around the world to discuss and advance the crucial field of Occupational Safety and Health (OSH). Our collective commitment to fostering a safe and healthy working environment is paramount, and this Congress serves as a platform for exchanging knowledge, best practices, and innovative solutions.

The theme for this year's Congress, "**Enhancing Occupational Health Research and Practices: Closing the Gaps!**", underscores the importance of proactive measures in ensuring the well-being of workers and the sustainability of businesses. We have curated an exciting agenda featuring renowned speakers, interactive sessions, networking opportunities and brand visibility that will enable meaningful discussions and collaborations.

Throughout the Congress, you will have the chance to explore the latest trends, technologies, and research in OSH. The diverse range of topics covered will cater to various industries, providing valuable insights applicable across sectors. Whether you are a seasoned professional, an academic, a student, an industrial actor, or a policymaker, there will be ample opportunities to contribute to the discourse and enhance your understanding of occupational safety and health.

We are also delighted to showcase an exhibition space where leading companies and organizations will present their cutting-edge products and services, contributing to the ongoing advancement of safety practices worldwide.

I encourage you to actively engage in the sessions, participate in discussions, and forge new connections that will undoubtedly contribute to the success of your organizations and the broader OSH community. More than 2,000 presentations are scheduled for ICOH2024, which already demonstrates the scientific success of this global event.

Once again, welcome to the ICOH2024 Congress. Together, let us embark on a journey of knowledge exchange, collaboration, and innovation to shape safer and healthier workplaces for futures generations.

Thank you for your participation, and I look forward to meeting you in Marrakesh, in the pure traditional Moroccan hospitality.

Sincerely yours,

**Professor Abdeljalil El Kholti**  
*ICOH2024 Congress President*

*President of Moroccan Occupational Health Association  
Faculty of Medicine and Pharmacy, Hassan II University of Casablanca, Morocco*



**Invitation from  
ICOH2024 Deputy Chair of National Organizing Committee**

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Dear Attendees,

I trust this invitation letter finds you in good health and high spirits. As the Deputy Chair of the 34<sup>th</sup> International Occupational Health Congress, ICOH2024, I am pleased and delighted to extend an official invitation to you and your esteemed organization to participate in the upcoming ICOH2024 which will be held from 28 April to 3 May in Marrakesh, Morocco.

As the Deputy Chair of the Congress, I assure you that this event will provide a unique platform for professionals, industry leaders, policymakers, and researchers to come together and explore the latest developments, share best practices, and engage in discussions that are crucial to the field of Occupational Safety and Health. The ICOH2024 is a flagship event that offers a unique opportunity to showcase expertise, products, and services to a diverse and influential audience and align your organization with the leading voices in OSH globally.

If you have any inquiries or require further information, please do not hesitate to contact our Congress secretariat. Thank you for considering our invitation, and we eagerly anticipate your presence at the ICOH2024.

I'm confident that your participation will significantly contribute to the success of this international Congress, and we look forward to welcoming you and your colleagues.

Sincerely,

**Doctor Khalil Kinani**

*Deputy Chair*

*34<sup>th</sup> International Congress on Occupational Health, ICOH2024*

*Vice-President of Moroccan Occupational Health Association*

## Invitation from ICOH2024 National Scientific Committee President

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The 34<sup>th</sup> Congress of the International Commission on Occupational Health (ICOH2024) will be held in less than 70 days, from 28 April to 3 May 2024 in Marrakesh, the medieval ochre city and ancient imperial city, founded in 1071.

This prestigious event, equally steeped in scientific history and more than a century year old, is each time a unique opportunity to exchange and share knowledge and practices in the field of Occupational Health, bringing together the most eminent experts and scientists in this matter.

The scientific program will see the programming of a Keynote speech, 11 Plenary and 32 Semi-Plenary speeches. The Keynote speech will be presented by the Director of the International Agency for Research on Cancer (IARC) Dr. Elisabete Weiderpass. The Plenary and Semi-Plenary speeches, which will be presented by internationally renowned speakers from 5 continents, will cover equally important topics ranging from global themes in the fields of OSH policy, epidemiology, legislation, future perspectives for the evolution of OSH, as well as more specific themes related to certain health issues and certain categories of workers.

Organized by the various Scientific Committees of the ICOH and by other international bodies, 74 Free Papers Sessions relating to 51 topics, with more than 500 oral presentations, and 75 Special Sessions exhibiting more than 300 oral presentations will be scheduled; these topics (listed in this Third ICOH2024 Announcement document) concern the main themes in OSH focussing on several issues according to work-related diseases, OSH challenges in certain sectors of activity, particular categories of workers or to particular aspects of work. More than 900 e-poster presentations are planned to be displayed during the Congress.

Another constant and essential event of the ICOH Congresses is the Global Policy Forum, which is an exceptional opportunity for Congress participants to attend the intervention of several experts, leaders of national and international organizations and political decision-makers working in the field of OSH.

The ICOH2024 Congress, as usual, will be a favorable field for competitiveness since it will host a Student Poster Competition and a partial fellowship to attend the ILO Master in OSH.

Finally, Pre-Congress Events will be organized in order to meet specific training and skills development needs, and will be facilitated again by eminent speakers.

These are the exciting scientific prospects of the ICOH2024 Congress, whose inauguration day will coincide with the World Day for Safety and Health at Work celebrated each year by the ILO.

See you soon and look forward to meeting you all in Marrakesh!

### **Professor Kamal Wifaq**

*Chair, National Scientific Committee, ICOH2024 Congress*

*Faculty of Medicine and Pharmacy, Hassan II University of Casablanca, Morocco*

# ICOH2024 COMMITTEES

## National Scientific Committee

**Kamal Wifaq** (*Chair*)  
**Chakib El Houssine Laraqui Hossini** (*Vice-Chair*)  
**Mohamed Bachiri**  
**Bachir Baddou**  
**Omar Battas**  
**Abdellatif Benider**  
**Ali Benmakhlouf**  
**Brahim Mohammed Brahim**  
**Mohamed El Bouhmadi**  
**Fatiha El Ghissassi**  
**Abdeljalil El Kholti**  
**Rim El Kholti**  
**Mounia El Yamani**  
**Ismail Elalamy**  
**Rachid Filali Meknassi**  
**Bouchra Ghiati**  
**Badr Guennoun**  
**Khadija Harourate**  
**Kamal Marhoum El Filali**  
**Sara Soltani**  
**Loubna Tahri**

## National Organizing Committee

**Abdeljalil El Kholti** (*Committee Chair and ICOH2024 Congress President*)  
**Mustapha Aboumaarouf**  
**Salima Admi**  
**Mounia Arezki**  
**Mohamed Bachiri**  
**Mohamed El Bouhmadi**  
**Rim El Kholti**  
**Khalil Kinani**  
**Faïçal Mekouar**  
**Bouchra Outaghani**  
**Laurent Sablé**  
**Sara Soltani**  
**Loubna Tahri**  
**Kamal Wifaq**

## International Scientific Advisory Committee

**Claudina Nogueira** (*Chair, ICOH Vice President*)  
**Seong-Kyu Kang** (*ICOH President*)  
**Martin Hogan** (*ICOH Vice President*)  
**Diana Gagliardi** (*ICOH Secretary General*)  
**Jukka Takala** (*ICOH Past President*)  
**Sergio Iavicoli** (*ICOH Past Secretary General*)  
**Marilyn Fingerhut** (*ICOH Congress Awards Coordination*)  
**Andrew Curran** (*HSE, UK*)  
**Stephane Pimbert** (*INRS, France*)  
**Alain Marchand** (*IRSST, Canada*)  
**Joaquim Pintado Nunes** (*ILO, LABADMIN/OSH*)  
**Maria Neira** (*WHO*)  
**Marcelo Abi-Ramia Caetano** (*ISSA*)  
**Ho Siong Hin** (*IALI*)  
**José Orlando Gomes** (*IEA*)  
**Norhazlina Mydin** (*IOHA*)  
**Maureen Dollard** (*ICOH Board Member*)  
**Frida Marina Fischer** (*ICOH Board Member*)  
**Stavroula Leka** (*ICOH Board Member*)  
**Dingani Moyo** (*ICOH Board Member*)  
**Shyam Pingle** (*ICOH Board Member*)  
**Paul Schulte** (*ICOH Board Member*)  
**Chairs of ICOH Scientific Committees**

## Trustees Committee

**Kari Reijula** (*Chair*)  
**Suvi Lehtinen**  
**Seichi Horie**  
**Deborah Glass**  
**Spo Kgalamono**  
**Julietta Rodriguez Guzman**  
**Joaquim Pintado Nunes**  
**Ivan Ivanov**

## Advisory Committee

**Jorma Rantanen** (*Chair*)  
**Jukka Takala**  
**Kazutaka Kogi**  
**Bengt Knave**  
**Jean François Caillard**  
**Malcolm Sim**  
**Martin Hogan**  
**Jong Ju Ahn**  
**Jorge Alberto Morales**  
**Daan Kocks**  
**Ruddy Facci**  
**Jerry Jeyaratnam**



# CHAIRS OF ICOH SCIENTIFIC COMMITTEES

**Karen Michell** - Accident Prevention

**Jodi Oakman** - Aging and Work

**Claudia Petrarca** - Allergy and Immunotoxicology

**Mary Ross** - Biohazards and Occupational Health

**Marco Ferrario** - Cardiology in Occupational Health

**Rajiv Jain** - Education and Training in Occupational Health

**Stefania Curti** - Effectiveness in Occupational Health Services

**Susanne Schunder-Tatzber** - Emergency Preparedness and Response in Occupational Health

**Laura Elizabeth Beane-Freeman** - Epidemiology in Occupational Health

**Paul Blanc** - History of Prevention of Occupational and Environmental Diseases

**Kenichi Azuma** - Indoor Air Quality and Health

**Rosa Maria Orriols** - Industrial Hygiene

**Jinky Leilanie del Prado Lu** - Mining Occupational Safety and Health

**Deepak Sharan** - Musculoskeletal Disorders

**Ivo Iavicoli** - Nanomaterial Workers' Health

**Diane Rohlman** - Neurotoxicology and Psychophysiology

**José Hernan Alfonso** - Occupational and Environmental Dermatoses

**Kim Davies** - Occupational Health in Nursing

**Gogillan Sevaratnam** - Occupational Medicine

**Silvia Fustinoni** - Occupational Toxicology

**Aditya Jain** - Occupational Health and Development

**Gwen Orr Brachman** - Occupational Health for Health Workers

**R. Rajesh** - Occupational Health in the Chemical Industry

**Krishna Nirmalya Sen** - Occupational Health in the Construction Industry

**Marc Wittlich** - Radiation and Work

**Hsiao-Yu Yang** - Reproductive Hazards in the Workplace

**Thomas Kraus** - Respiratory Disorders

**Sashikala Chandrasekar** - Rural Health: Agriculture, Pesticides and Organic Dusts

**Stephen Popkin** - Shiftwork and Working Time

**Mahinda Seneviratne** - Small-Scale Enterprises and the Informal Sector

**Jason Kai Wei Lee** - Thermal Factors

**Natalia Urszula Pawlas** - Toxicology of Metals

**Anna Suraya** - Unemployment, Job Insecurity and Health

**Vacant** - Vibration and Noise

**Igor Jesus Bello** - Women, Health and Work

**Miguel Sergio Kabilio** - Work and Vision

**Alex Collie** - Work Disability Prevention and Integration

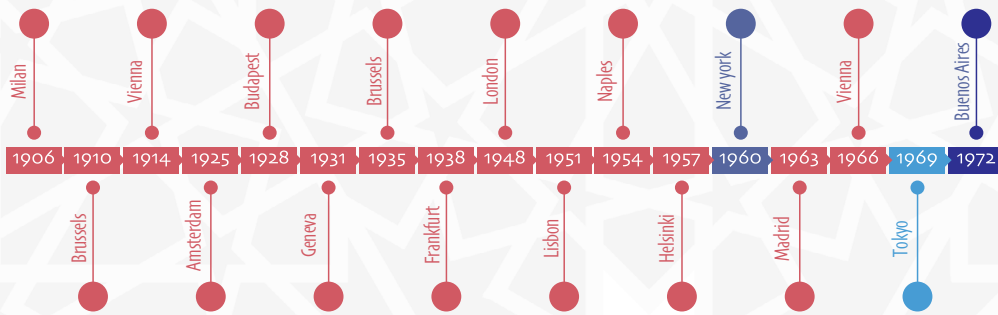
**Akihito Shimazu** - Work Organization and Psychosocial Factors

# ICOH CONGRESSES

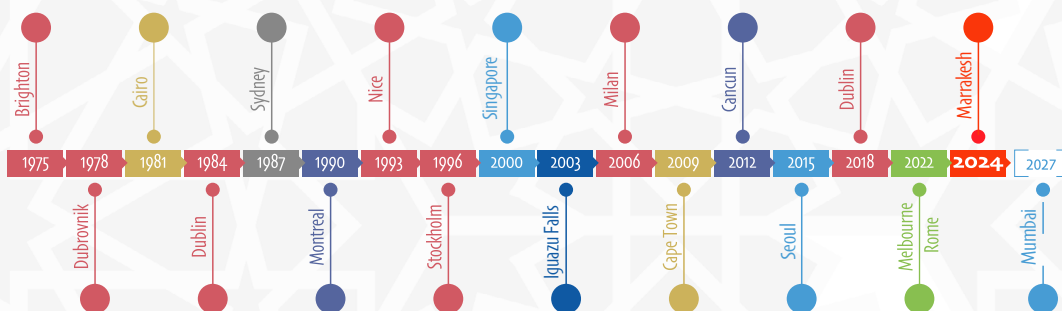
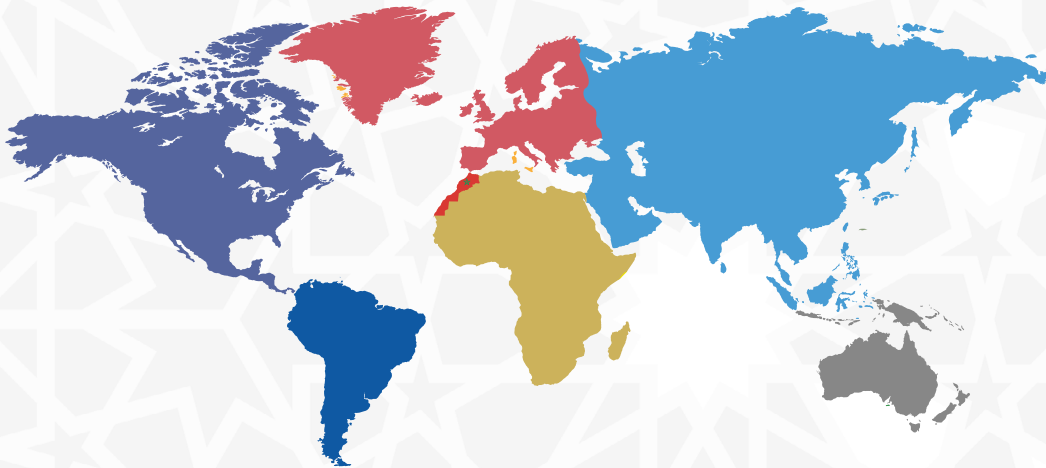
MORE THAN A CENTURY  
OF OCCUPATIONAL  
HEALTH AND SAFETY



Invitation to first Congress of ICOH in 1906



## ICOH Congresses around the world since 1906





# CONGRESS HOSTS



The International Commission on Occupational Health (ICOH) is the world's leading international scientific society in the field of OSH founded in 1906, with around 2,000 members from over 100 countries worldwide. ICOH is a NGO recognized by the United Nations and has a close working relationship with the International Labour Organization (ILO) and World Health Organization (WHO).

ICOH's aims are to foster the scientific progress, knowledge and development of OSH in all its aspects. The ICOH Congress is one of the world's largest international Congresses in the field of OSH where experts from all around the world gather every three years to share their experience and knowledge.

The Moroccan Occupational Health Association (MOHA) is a non-profit association, with a scientific but also multidisciplinary purpose. It renounces any political or trade-union affiliations.



The scope of the intervention of MOHA affects themes pertaining to occupational health and its multidisciplinary aspects. Its objectives rely on the development and promotion of occupational health in compliance with the International Code of Ethics for Occupational Health Professionals (3<sup>rd</sup> edition, 2014) published by ICOH.

MOHA has for the purpose to contribute, in Morocco, to the progress and development of occupational health, to contribute to the continuous training of professionals and the improvement of occupational health practice, to participate in action research in the occupational health field to promote ICOH's image in Morocco and encourage membership of Moroccan occupational health professionals to ICOH.



The Occupational Health Department of the Faculty of Medicine & Pharmacy, Hassan II University of Casablanca was established in 1991 and is the first national university structure, with an experience exceeding 30 years. Its mission is promoting occupational safety and health via quality training and research.

The Department's team is very experienced; it provides assistance and advice when needed, ensures quality medical surveillance, offers basic training for medical students, specialized training for residents, and for doctors wanting to obtain a university degree in occupational health. More than 1,350 occupational physicians obtained their diplomas in the last 25 years.

As a flagship event, the Department organizes an annual event in memory of the pioneer of occupational health in Morocco, Professor Jaouad El Jaï. In 10 years, this prestigious event has gathered almost 2,500 participants and more than 70 internationally renowned speakers.



# ICOH2024 AT GLANCE...



# PROGRAM OVERVIEW

	Saturday 27 April	Sunday 28 April	Monday 29 April	Tuesday 30 April	Wednesday 1 May	Thursday 2 May	Friday 3 May	Saturday 4 May	
8:30	Pre-Congress events	Pre-Congress events	Plenary Session 1	Plenary Session 3	Plenary Session 5	Plenary Session 7	Plenary Session 9	Meeting of the New ICOH Board	
9:30	Pre-Congress events	Registration	Plenary Session 2	Plenary Session 4	Plenary Session 6	Plenary Session 8	Plenary Session 10		
10:30			Coffee Break						
11:00			Semi-plenary Sessions 1-4	Global Policy Forum	Semi-plenary Sessions 9-12	Semi-plenary Sessions 17-20	Semi-plenary Sessions 25-28		
11:45			Semi-plenary Sessions 5-8		Semi-plenary Sessions 13-16	Semi-plenary Sessions 21-24	Semi-plenary Sessions 29-32		
12:30			Lunch Break						
13:30	Pre-Congress events	Registration	Special Sessions / Free paper sessions		Special Sessions / Free paper sessions		Closing Ceremony		
15:00	Registration	1st ICOH General Assembly	Coffee Break		Coffee Break		2nd ICOH General Assembly		
15:30	Pre-Congress events		Special Sessions / Free paper sessions		Special Sessions / Free paper sessions				
17:00		Opening Ceremony	Break		Break				
17:30	ICOH Board Meeting	>Welcome Reception	Business Meetings / Symposia / Workshops		Business Meetings / Symposia / Workshops				
18:30									
19:00									
20:00						Gala Diner			
			Poster Sessions and Exhibit (9:00 – 17:00)						

# KEYNOTE AND PLENARIES

## Elisabete Weiderpass

Director, International Agency for Research on Cancer (IARC)  
France

Global cancer burden due to occupational exposures

Keynote



## Maria Neira

Director, Department of Public Health and Environment,  
World Health Organization (WHO-Geneva)  
Spain

Healthy, safe and resilient workplaces for all

Plenary 1



## Nicola Cherry

Chair, Department of Public Health,  
University of Alberta  
Canada

Occupational health epidemiology in the face of disasters

Plenary 2



## Stéphane Pimbert

General Director, Institut National de Recherche et de Sécurité (INRS)  
France

Occupational health and public policies

Plenary 3



### Titilola Hameed

Legal Professor, Nigerian Law School  
Nigeria

Occupational Safety and Health: Probing the legislative affairs within the african continent

#### Plenary 4



### Loubna Tahri

Assistant Professor, Faculty of Medicine and Pharmacy, Hassan II University of Casablanca  
Morocco

Most wanted OSH actions in Morocco: Current state, lessons learned and the way forward

#### Plenary 5



### Bobby Joseph

Head, Department of Community Health and Occupational Health Services Division, St. John's Medical College, Bangalore - India

Development of occupational health services in a medical college setting in India - looking back over 25 years to inform the future

#### Plenary 6



### Ken Takahashi

Emeritus Professor, Advisor for International Center, University of Occupational and Environmental Health  
Japan

Global spread of asbestos-related diseases: Still seriously under-recognized

#### Plenary 7



### João Silvestre Silva-Junior

Professor, University of São Paulo Medical School and São Camilo University Center  
Brazil

Mental health of frontline healthcare workers during the COVID-19 pandemic

#### Plenary 8



### Kathy A. Seabrook

CEO, Global Solutions, Inc  
USA

Connecting the dots: The value of people at work and their health, safety and well-being

#### Plenary 9



### Malcolm Sim

Emeritus Professor, School of Public Health and Preventive Medicine, Monash University  
Australia

From Ramazzini to Robots: The impact of new technologies on occupational health

#### Plenary 10

# ICOH2024 GLOBAL POLICY FORUM

## Strategies to improve occupational health and safety policies and implementation in low- and middle-income countries

Over the last century the world of work has witnessed dramatic changes, with new and increasing challenges for occupational health: new ways of working, new production processes, new materials and innovative technologies. These changes are continuously adding new and emerging risks, while traditional risks continue to impact less developed systems and especially in low- and middle-income countries (LMICs).

High-income countries with advanced risk management systems can control the impact of occupational risk factors and the incidence of work-related diseases by implementing engineering controls, by pairing occupational health and safety with wellbeing, by developing total workers' health policies or by building sound social security systems. In contrast, social inequity represents an additional threat to the health of workers in LMICs.







Building 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 organizations, well-known public institutes and professional associations and representing all regions of the world, will 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.

The Global Policy Forum will be one of the highlights of the ICOH2024 Congress and every delegate is invited to attend this impactful, thought-provoking, and topical event and to actively engage in the discussion.

## **GLOBAL POLICY FORUM**

**Date: Thursday, 30 April 2024**

**Time: 11:00 a.m.**

**Room: MINISTERS' AUDITORIUM**

# SEMI-PLenary SPEAKERS

## SEMI-PLenary 1

**ETHICAL ISSUES OF GLOBAL HEALTH**  
*MOHAMMED ALI BENMAKHLouF*  
MOROCCO

## SEMI-PLenary 2

**PLATFORM WORKERS: SOCIAL INEQUITY IN OCCUPATIONAL SAFETY AND HEALTH**  
*JIN-HA YOON*  
REPUBLIC OF KOREA

## SEMI-PLenary 3

**TRANSMISSION OF SARS-COV-2 FINDINGS FROM A NATIONAL CORE STUDY**  
*ANDREW CURRAN*  
UNITED KINGDOM

## SEMI-PLenary 4

**VACCINE RECOMMENDATIONS, CONTROVERSIES AND MANDATES FOR ADULTS AND SPECIFIC WORKER POPULATIONS**  
*AMY BEHRMAN*  
UNITED STATES OF AMERICA

## SEMI-PLenary 5

**IMPACT OF INTERNATIONAL REGULATORY STANDARDS IN THE IMPLEMENTATION OF PUBLIC OCCUPATIONAL SAFETY AND HEALTH POLICIES**  
*SALIMA ADMI*  
MOROCCO

## SEMI-PLenary 6

**HEALTH INEQUALITY AND WORK: ADVOCATING FOR OCCUPATIONAL HEALTH IN IRELAND**  
*KEN ADDLEY*  
IRELAND

## SEMI-PLenary 7

**LONG COVID IMPACT ON WORKERS AND ITS MONITORING IN OCCUPATIONAL HEALTH**  
*JORGE MORALES CAMINO*  
MEXICO

## SEMI-PLenary 8

**THE PRACTICE OF OCCUPATIONAL MEDICINE IN DEVELOPING COUNTRIES: ACCESS AND BARRIERS**  
*JAVIER GOMEZ SILVA*  
PARAGUAY

## SEMI-PLenary 9

**LEADING INNOVATION FOR EXCELLENCE IN OCCUPATIONAL HEALTH IN MOROCCAN UNIVERSITIES ON THE EVE OF MAJOR WORLD-CLASS PROJECTS**  
*HOUSSINE AZEDDOUG*  
MOROCCO

## SEMI-PLenary 10

**CARING FOR THOSE WHO CARE: SAFEGUARDING HEALTH, SAFETY, AND WELLBEING OF HEALTH WORKERS**  
*DOROTHY NGAJILo*  
TANZANIA

## SEMI-PLenary 11

**BASIC OCCUPATIONAL HEALTH SERVICES - CHALLENGES AND OPPORTUNITIES FOR UNIVERSAL OCCUPATIONAL HEALTH CARE**  
*SUVARNA MOTI*  
INDIA

## SEMI-PLenary 12

**HEAVY PHYSICAL WORK AND FATIGUE IN HEALTHCARE WORKERS**  
*ANA BAKI*  
MONTENEGRO

## SEMI-PLenary 13

**MODERN REQUIREMENTS FOR OCCUPATIONAL PHYSICIAN PROFESSIONAL COMPETENCIES**  
*EVGENY SHIGAN*  
RUSSIAN FEDERATION

## SEMI-PLenary 14

**SUPPORT FOR BALANCING MEDICAL TREATMENT AND WORK IN SMALL AND MEDIUM-SIZED ENTERPRISES: THE ROLE AND FUNCTION OF OCCUPATIONAL HEALTH NURSES**  
*NORIKO NISHIKIDO*  
JAPAN

## SEMI-PLenary 15

**POST-PANDEMIC OCCUPATIONAL HEALTH SERVICES IN GUANGDONG PROVINCE, CHINA**  
*JIABIN CHEN*  
PEOPLE'S REPUBLIC OF CHINA

## SEMI-PLenary 16

**HEALTH EFFECTS OF ORGANOPHOSPHORUS PESTICIDES ON CHILDREN WORKING IN THE AGRICULTURAL INDUSTRY**  
*DIANE ROHLMAN*  
UNITED STATES OF AMERICA

#### SEMI-PLenary 17

##### OCCUPATIONAL HEALTH AND SAFETY OF COASTAL FISHERMEN: A GAP TO FILL IN DEVELOPING COUNTRIES

*CHAKIB EL HOUSSINE LARAQUI HOSSINI*  
MOROCCO

#### SEMI-PLenary 18

##### ENDOCRINE DISRUPTING CHEMICALS: IMPACT ON THE ENVIRONMENT AND HUMAN HEALTH

*TIAAN DE JAGER*  
SOUTH AFRICA

#### SEMI-PLenary 19

##### THE CULTURE OF WORKPLACE IMPROVEMENT IN SENEGAL: THE SOCIAL SECURITY STRATEGIES

*MARIE DIALLO*  
SENEGAL

#### SEMI-PLenary 20

##### MENTAL HEALTH AND OCCUPATIONAL HEALTH

*MARIE-AGNÈS DENIS*  
FRANCE

#### SEMI-PLenary 21

##### PREVENTION CULTURE IN THE MINING INDUSTRY: A FEMALE PERSPECTIVE FROM THE AFRICAN REGION

*THUTHULA BALFOUR*  
SOUTH AFRICA

#### SEMI-PLenary 22

##### BIOLOGICAL HAZARDS

*HALIM HAMZAOU*  
SWITZERLAND

#### SEMI-PLenary 23

##### DEVELOPMENT AND VALIDATION OF A CORE OUTCOME SET FOR WORK PARTICIPATION

*JAN HOVING*  
NETHERLANDS

#### SEMI-PLenary 24

##### INNOVATIVE ERGONOMICS: USE OF SENSORS TO PROTECT WORKERS HEALTH AND PREVENT MUSCULO-SKELETAL DISORDERS

*FRANCESCO SAVERIO VIOLANTE*  
ITALY

#### SEMI-PLenary 25

##### RESEARCH AND OCCUPATIONAL HEALTH

*LOUIS LAURENT*  
FRANCE

#### SEMI-PLenary 26

##### DEVELOPMENT, SUCCESS FACTORS, AND CHALLENGES OF HEALTH AND PRODUCTIVITY MANAGEMENT INITIATIVES IN JAPAN

*KOJI MORI*  
JAPAN

#### SEMI-PLenary 27

##### DIGITALIZATION IN OCCUPATIONAL HEALTH PROGRAMS: THE NEW CHALLENGES

*ADE MUTIARA*  
INDONESIA

#### SEMI-PLenary 28

##### BUILDING GLOBAL CONSENSUS FOR OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT THROUGH ISO STANDARDIZATION

*MARTIN COTTAM*  
UNITED KINGDOM

#### SEMI-PLenary 29

##### PREVENTION THROUGH DESIGN (PTD) AND RESEARCH TO PRACTICE TO RESEARCH (RTPTR) IN THE AGING U.S. CONSTRUCTION WORKFORCE: BRIDGING THE GAP BETWEEN ACADEMIA AND PRACTITIONERS

*SANG DANIEL CHOI*  
UNITED STATES OF AMERICA

#### SEMI-PLenary 30

##### LIFESTYLE MEDICINE AS A STRATEGY FOR HEALTH AND PRODUCTIVITY IN THE WORKPLACE

*MARIA CLAUDIA BORDA GALLON*  
COLOMBIA

#### SEMI-PLenary 31

##### RISKS AND CHALLENGES IN THE FERROPORT WORK OF THE GENERAL PORTS ADMINISTRATION (AGP), PORT OF BUENOS AIRES, ARGENTINA

*CECILIA COLAUTTI*  
ARGENTINA

#### SEMI-PLenary 32

##### PROMOTING LONGEVITY BY MEANS OF "ATOS" – ALCOHOL, TOBACCO, OBESITY AND SLEEP – MEASURING, INTERVENING AND CONTROLLING MAJOR RISK FACTORS IN THE WORKPLACE

*JORGE BARROSO DIAS*  
PORTUGAL

# SPECIAL SESSIONS A TO Z

- A** **ADVERSE HUMAN HEALTH AND SAFETY IMPACTS OF CHEMICAL USE AMONG SMALL-SCALE MINERS, AND THEIR HOUSEHOLDS AND COMMUNITY, AND INTERVENTIONS**  
*JINKY LEILANIE LU (PHILIPPINES)*
- B** **BOTTLENECKS AND SOLUTIONS IN STARTING AND PROGRESSING BASIC OCCUPATIONAL HEALTH SERVICES (BOHS)**  
*FRANK VAN DIJK (NETHERLANDS)*
- B** **BUILDING GLOBAL CONSENSUS FOR OCCUPATIONAL HEALTH AND SAFETY (OHS) MANAGEMENT THROUGH ISO STANDARDIZATION**  
*MARTIN COTTAM (UNITED KINGDOM)*
- B** **BUILDING KNOWLEDGE CAPACITIES FOR THE FUTURE OF WORK IN THE CHEMICAL INDUSTRY**  
*NIKUNJ DESAI (INDIA)*
- C** **CLIMATE CHANGE AND OCCUPATIONAL HEALTH: INTERNATIONAL PERSPECTIVES AND HIGHLIGHTS FROM THE EU INTERCAMBIO PROJECT**  
*MICHELLE TURNER (SPAIN)*
- C** **CLIMATE CHANGE, AIR POLLUTION AND ORGANIC DUST ISSUES IN RURAL POPULATIONS AND THE NEED FOR SUSTAINABLE AGRICULTURE**  
*SASHIKALA CHANDRASEKAR (INDIA)*
- C** **CLIMATE CHANGE CHALLENGES AND ITS IMPACT ON OCCUPATIONAL SAFETY AND HEALTH (OSH)**  
*MARC WITTLICH (GERMANY)*
- C** **CLIMATE CHANGES AND OCCUPATIONAL SAFETY AND HEALTH (OSH)**  
*FRIDA MARINA FISCHER (BRAZIL)*
- C** **COMBATING OCCUPATIONAL HEAT STRESS: MOVING TOWARDS A GLOBAL APPROACH**  
*JASON GLASER (UNITED STATES)*
- C** **CORE VALUES AT WORK - EVERYDAY TOOLS FOR THE WORKPLACE**  
*MICHEL GUILLEMIN (SWITZERLAND)*
- C** **CRISIS COMMUNICATION IN THE TIME OF UNCERTAINTY AND MISINFORMATION: REPORT FROM FOUR COUNTRIES AND LESSONS LEARNED FOR WORKERS, AND OUR COMMUNITY OF PRACTICE**  
*MAX LUM (UNITED STATES)*
- C** **CRAFTING THE FUTURE: MOROCCO'S VISION FOR A MODERNIZED AND SUSTAINABLE ARTISANAL ACTIVITY (SESSION IN FRENCH)**  
*CHAKIB EL HOUSSINE LARAQUI HOSSINI (MOROCCO)*
- D** **DETERMINANTS OF ENVIRONMENTAL EXPOSURES AND GENDER PERSPECTIVE IN THE HEALTH SECTOR**  
*ROSA MARIA ORRIOLS (SPAIN)*
- D** **DEVELOPMENT OF GUIDELINES IN FRANCE FOR OCCUPATIONAL PRACTITIONERS**  
*ALEXIS DESCATHA (FRANCE)*
- E** **EFFECTIVE DELIVERY OF OCCUPATIONAL HEALTH SERVICES: PROMOTING SAFETY AND HEALTH AS A UNIVERSAL FUNDAMENTAL RIGHT AT WORK**  
*ADITYA JAIN (UNITED KINGDOM)*
- E** **ELECTRONIC WASTE (E-WASTE) AND INFORMAL WORK IN LOW- AND MIDDLE-INCOME COUNTRIES (LMICS)**  
*IKENNA EBUENYI (UNITED STATES)*
- E** **EMERGING AND CONTINUING BIOHAZARDS IN THE WORKPLACE**  
*TANUSHA SINGH (SOUTH AFRICA)*
- E** **ERGONOMICS AND MUSCULOSKELETAL DISORDERS IN HEALTH WORKERS AND HEALTHCARE SETTINGS**  
*ACRAN SALMEN-NAVARRO (UNITED STATES)*
- E** **ERGOTOXICOLOGY**  
*ALAIN GARRIGOU (FRANCE)*
- G** **GLOBAL NETWORK FOR EVIDENCE SYNTHESIS IN OCCUPATIONAL SAFETY AND HEALTH (OSH)**  
*STEFANIA CURTI (ITALY)*

**G** **GLOBAL NETWORK OF WHO COLLABORATING CENTRES FOR WORKERS HEALTH (WORKSHOP)**  
*IVAN IVANOV (WHO, SWITZERLAND)*

**G** **GUIDELINES FOR EMERGENCY PREPAREDNESS AND MANAGEMENT: LEARNINGS FROM SITUATIONS LIKE THE 9/11 DISASTER AND THE COVID-19 PANDEMIC**  
*SUSANNE SCHUNDER-TATZBER (AUSTRIA)*

**H** **HEALTH AND RETIREMENT**  
*SUBAS NEUPANE (FINLAND)*

**H** **HEALTH LITERACY AND OCCUPATIONAL HEALTH**  
*MOUNIA EL YAMANI (FRANCE)*

**H** **HOW TO TRANSLATE INTO PRACTICE THE NEW KNOWLEDGE IN THE FIELD OF OCCUPATIONAL HEALTH AND SAFETY (OHS): A EUROPEAN EXAMPLE**  
*FABRIZIOMARIA GOBBA (ITALY)*

**H** **HOW TO PUBLISH YOUR WORK ON WORKERS' HEALTH: INSIGHTS FROM THE EDITOR-IN-CHIEFS OF SEVERAL OSH JOURNALS (WORKSHOP)**  
*SEONG-KYU KANG (REPUBLIC OF KOREA)*

**I** **IARC MONOGRAPHS UPDATE: OPPORTUNITIES AND CHALLENGES IN OCCUPATIONAL EPIDEMIOLOGY AND EXPOSURE CHARACTERIZATION**  
*MARY SCHUBAUER-BERIGAN (FRANCE)*

**I** **INNOVATIONS IN OCCUPATIONAL HEALTH POLICY AND PRACTICE: PROMOTING THE FUNDAMENTAL RIGHT TO A SAFE AND HEALTHY WORKING ENVIRONMENT**  
*ADITYA JAIN (UNITED KINGDOM)*

**I** **INTEGRATION OF A PSYCHOLOGICAL HEALTH PREVENTION PROGRAM IN BUSINESS: FROM THEORY TO REAL COMMITMENT**  
*MATHIEU CAMPBELL (CANADA)*

**M** **MANAGEMENT OF OCCUPATIONAL POISONINGS IN MOROCCO (SESSION IN FRENCH)**  
*NAIMA RHALEM (MOROCCO)*

**M** **MENTAL HEALTH AND VIOLENCE ISSUES IN HEALTH WORKERS**  
*MARCELA PAZ HENRIQUEZ CABALLERO (ARGENTINA)*

**N** **NANOMATERIAL WORKERS' HEALTH: STATE OF THE ART, PERSPECTIVES, AND CHALLENGES**  
*IVO IAVICOLI (ITALY)*

**N** **NEUROPSYCHIATRIC EFFECTS OF THE 9/11 TERRORIST ATTACKS**  
*GEOFFREY CALVERT (UNITED STATES)*

**N** **NEW DEVELOPMENTS IN PESTICIDES: ENHANCING OCCUPATIONAL HEALTH AND SAFETY (OHS)**  
*SASHIKALA CHANDRASEKAR (INDIA)*

**N** **NEW FRONTIERS IN AUDITORY FUNCTION DAMAGE PREVENTION: COMBINED EXPOSURE ASSESSMENT AND EFFECTS, BIOMARKERS, AND DIGITAL AUDIOMETRY**  
*RENATA SISTO (ITALY)*

**N** **NORDIC AND GLOBAL COLLABORATIONS FOR OSH IMPACT: INTEGRATING 'VISION ZERO', CLIMATE CHANGE AND NCD PREVENTION TO CREATE SAFE, SUSTAINABLE AND HEALTHY WORKPLACES FOR ALL**  
*YOGINDRA SAMANT (NORWAY)*

**O** **OCCUPATIONAL AND ENVIRONMENTAL MEDICINE IN AFRICA**  
*JANVIER GASANA (KUWAIT)*

**O** **OCCUPATIONAL CANCER: WHAT ARE WE MISSING?**  
*MELVYN CHIN (MALAYSIA)*

**O** **OCCUPATIONAL DISEASE COVERAGE SYSTEM IN MOROCCO AND INTERNATIONAL MARKET PERSPECTIVES (SESSION IN FRENCH)**  
*SALAHEDDINE AJI (MOROCCO)*

**O** **OCCUPATIONAL HEALTH FOR INDIGENOUS AND MIGRANT WORKERS: CHALLENGES AND OPPORTUNITIES**  
*BRETT SHANNON (UNITED STATES)*

**O** **OCCUPATIONAL HEALTH FOR MIGRANT WORKERS: RESEARCH GAPS, INTERVENTIONS AND THE FUTURE AHEAD**  
*ACRAN SALMEN-NAVARRO (UNITED STATES)*

**O** **OCCUPATIONAL HEALTH IN LATIN AMERICA: POSTGRADUATE STUDENT PRESENTATIONS (SESSION IN SPANISH)**  
*CLAUDIO TABOADELA (ARGENTINA)*

**OCCUPATIONAL HEALTH IN THE AUTOMOTIVE INDUSTRY SECTOR IN TANGIER (NORTHERN MOROCCO) (SESSION IN FRENCH)**  
*MOHAMED EL HADRI (MOROCCO)*

**OCCUPATIONAL HEALTH OF THE FISHERMAN**  
*TARIK GHAILAN (MOROCCO)*

**OCCUPATIONAL HEALTH TRAINING AND EDUCATION IN LMICS: OVERCOMING CHALLENGES AND DEVELOPING SOLUTIONS (WORKSHOP)**  
*SHYAM PINGLE (INDIA)*

**OCCUPATIONAL SAFETY AND HEALTH (OSH) AND DECENT WORK**  
*PAUL SCHULTE (UNITED STATES)*

**OFF-JOB EXPERIENCES AND WELLBEING**  
*AKIHITO SHIMAZU (JAPAN)*

**OCCUPATIONAL SAFETY AND HEALTH (OSH) RESEARCH IN THE EUROPEAN PEROSH NETWORK AND THE GLOBAL SHEFFIELD NETWORK**  
*JAN MICHIEL MEEUWSEN (NETHERLANDS)*

**PREVENTION STRATEGIES AND CURRENT CHALLENGES IN OCCUPATIONAL SAFETY AND HEALTH (OSH) ACROSS VARIOUS COUNTRIES.**  
*SEONG-KYU KANG (REPUBLIC OF KOREA)*

**PREVENTION OF EXPOSURE TO RADIATION RISKS: CURRENT UPDATES AND IMPLICATIONS FOR WORKERS' HEALTH**  
*ALBERTO MODENESE (ITALY)*

**PROACTIVE APPROACH TO ACCIDENT PREVENTION THROUGH RISK MANAGEMENT**  
*KAREN MICHELL (UNITED KINGDOM)*

**PSYCHOSOCIAL RISKS AND MENTAL HEALTH PROMOTION IN COLOMBIA**  
*DIANA CUERVO (COLOMBIA)*

**RECOGNISED OCCUPATIONAL CVD RISK FACTORS: TIME TO START A PREVENTION TOTAL WORKER HEALTH APPROACH?**  
*MARCO M. FERRARIO (ITALY)*

**RISK MANAGEMENT RELATED TO EXTERNAL COMPANIES (SESSION IN FRENCH)**  
*KHALID MISSAOUI (MOROCCO)*

**ROAD SAFETY PROGRAMME IN THE MOROCCAN CEMENT INDUSTRY (SESSION IN FRENCH)**  
*SAAD BENJELLOUN ANDALOUSSI (MOROCCO)*

**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)**  
*ABDELHAKIM ABBAOUI (MOROCCO)*

**SDG 8 DECENT WORK: HEALTHY WORKPLACES FOR VULNERABLE WORKERS**  
*MAHINDA SENEVIRATNE (AUSTRALIA)*

**SCREENING AND SURVEILLANCE FOR WORK-RELATED ASTHMA (WRA)**  
*MOHAMED JEEBHAY (SOUTH AFRICA)*

**SHIFT WORK, HEALTH AND THE INDIVIDUAL: CHALLENGES AND OPPORTUNITIES FOR RESEARCH AND PREVENTION**  
*KYRIAKI PAPANTONIOU (AUSTRIA)*

**SILVER LININGS': ENHANCING OCCUPATIONAL HEALTH OF INFORMAL WORKERS**  
*MAHINDA SENEVIRATNE (AUSTRALIA)*

**SOLAR UV RADIATION EXPOSURE AND OCCUPATIONAL SKIN CANCERS**  
*ALBERTO MODENESE (ITALY)*

**STAY-AT-WORK FOR WORKERS WITH CHRONIC PAIN CONDITIONS**  
*METTE JENSEN STOCHKENDAHL (DENMARK)*

**SUBCONTRACTORS' HEALTH AND SAFETY SUPPORT IN THE MOROCCAN CEMENT INDUSTRY (SESSION IN FRENCH)**  
*SAAD BENJELLOUN ANDALOUSSI (MOROCCO)*

**THE AFRICAN PERSPECTIVE OF OCCUPATIONAL HEALTH AND SAFETY (OHS)**  
*DINGANI MOYO (ZIMBABWE)*

**THE FUTURE OF WORK AFTER THE COVID-19 PANDEMIC: ETHICAL ISSUES AND PROPOSED SOLUTIONS**  
*JORMA RANTANEN (FINLAND)*

**THE FUTURE OF WORK: EMERGING RISKS AND OPPORTUNITIES FOR HEALTH AND WELLBEING**

*SANDEEP SHARMA (INDIA)*

**THE HISTORY OF OCCUPATIONAL HEALTH ON THE AFRICAN CONTINENT**

*PAUL BLANC (UNITED STATES)*

**THE IMPACT OF WORKING FROM HOME ON OLDER WORKERS**

*KARIN PROPER (NETHERLANDS)*

**THE JIGSAW OF JOB INSECURITY**

*ANNA SURAYA (INDONESIA)*

**TOWARDS THE IMPLEMENTATION OF OCCUPATIONAL HEALTH AND SAFETY (OHS) LEGISLATION TAILORED TO THE SPECIFICITIES OF EMERGING COUNTRIES**

*OMAR BENBADA (MOROCCO)*

**VACCINATION AND PERSONAL PROTECTIVE EQUIPMENT (PPE) ISSUES AND MANDATES FOR HEALTH WORKERS**

*ANTOON DESCHRYVER (BELGIUM)*

**'VISION ZERO' FOR PROMOTING A CULTURE OF PREVENTION IN CONSTRUCTION - ROLE OF LEADERSHIP, STAKEHOLDERS AND TECHNOLOGY (MINI-SYMPOSIUM)**

*KRISHNA NIRMALYA SEN (INDIA)*

**WOMEN, HEALTH AND WORK IN POST-PANDEMIC TIMES: HONORING THE MEMORY OF DR JULIETTA RODRIGUEZ-GUZMAN**

*IGOR BELLO (VENEZUELA)*

**WORKERS' EXPOSURE SURVEY ON CANCER RISK FACTORS - DISCUSSION ON FINDINGS**

*MARINE CAVET (SPAIN)*

**WORKPLACE HEALTH WITHOUT BORDERS (WHWB), ITS MISSION AND IMPACT: OSH PROJECTS AND TRAINING ACROSS THE GLOBE**

*CLAUDINA NOGUEIRA (SOUTH AFRICA)*



# TOPICS FOR FREE PAPER SESSIONS

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



# ABSTRACTS BOOK



Accepted abstracts for oral and poster presentations will be published in an online supplement of Occupational Medicine, one of the key international journals in its field and part of the Oxford Academic, Oxford University Press (OUP) platform. Impact Factor: 5.1 (Source: Journal Citation Reports, Clarivate, 2023). This means that authors will be able to add a citation for their abstract to their CV.

An application is made to the UEMS EACCME® for CME accreditation of the ICOH2024 Congress. The process is ongoing.

# SOCIAL PROGRAM

An exciting social program has been developed to complement the scientific program offered at ICOH2024. These events provide the perfect opportunity to reconnect with old and new friends and colleagues in a relaxed environment, especially after the impact of the COVID-19 pandemic, which halted gatherings worldwide. The Congress will offer all participants the opportunity to share unforgettable moments and memories in marvelous Marrakesh.

The Congress will officially open on Sunday afternoon, April 28th, 2024, with the Opening Ceremony and Keynote Presentation. The Welcome Reception will follow, offering the very best of Moroccan hospitality, culinary art, and entertainment, enabling attendees to form valuable bonds with their colleagues.

The Congress Gala Dinner is set to be an unforgettable night! Get ready to enjoy a special dinner with fantastic food, drinks, and entertainment by traditional Moroccan 'magicians'. Feel free to rock your country's traditional attire!

Check out the Congress website for details!



# CONGRESS FEES

Registrations for the Congress and the parallel programs are still open! Check out the table below and book your spot now at:

<https://icoh24.wemiceyou.com/sign-in>

For more information, feel free to contact congress organizers at:

[icoh2024@wemiceyou.com](mailto:icoh2024@wemiceyou.com)

HIGH INCOME COUNTRIES		LATE REGISTRATION
ICOH Member		EUR 950.00
ICOH Non-Member		EUR 1050.00
ICOH Member Student		EUR 550.00
ICOH Non-Member Student		EUR 650.00
LOW- AND MIDDLE-INCOME COUNTRIES		LATE REGISTRATION
ICOH Member		EUR 680.00
ICOH Non-Member		EUR 780.00
ICOH Member Student		EUR 420.00
ICOH Non-Member Student		EUR 520.00
ACCOMPANYING PERSON REGISTRATION*		
All countries, any time		EUR 200.00
CONGRESS GALA DINNER		
Congress Gala dinner fee (per person)		EUR 110.00

*All fees are in Euros and are inclusive of the 20% Moroccan value-added tax (VAT).*

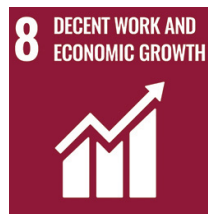
*\* Access to Welcome cocktail and city tour.*

# ICOH2024 PARTNERSHIP AND VALUE PROPOSITION

Partnering with ICOH2024 is a strategic investment. As a partner, you become a crucial part of a world-class event that aims to revolutionize occupational health and safety. Your organization will gain exceptional global visibility among industry professionals, decision-makers, and opinion leaders. Join us to make a lasting impact on occupational health and safety.

Occupational health contributes to the following sustainable development goals:

## SUSTAINABLE DEVELOPMENT GOALS





# 10 REASONS TO BE ICOH2024 PARTNER



## CONTACT OUR PROJECT MANAGEMENT OFFICER

Various levels of partnership are available for participation in this global event.

**PAR3COM+**

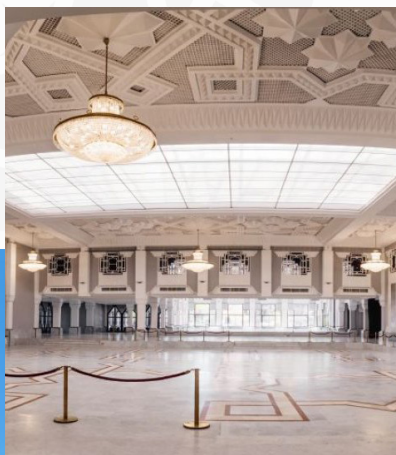
PHONE: +212 661 43 30 83 / +212 522 953 838  
MAIL: INFO@PAR3.MA / NARJIS.SARRAR@PAR3.MA

\* VAT EXCLUDED



# EXHIBITION SPACE

## PALAIS DES CONGRÈS DE MARRAKECH



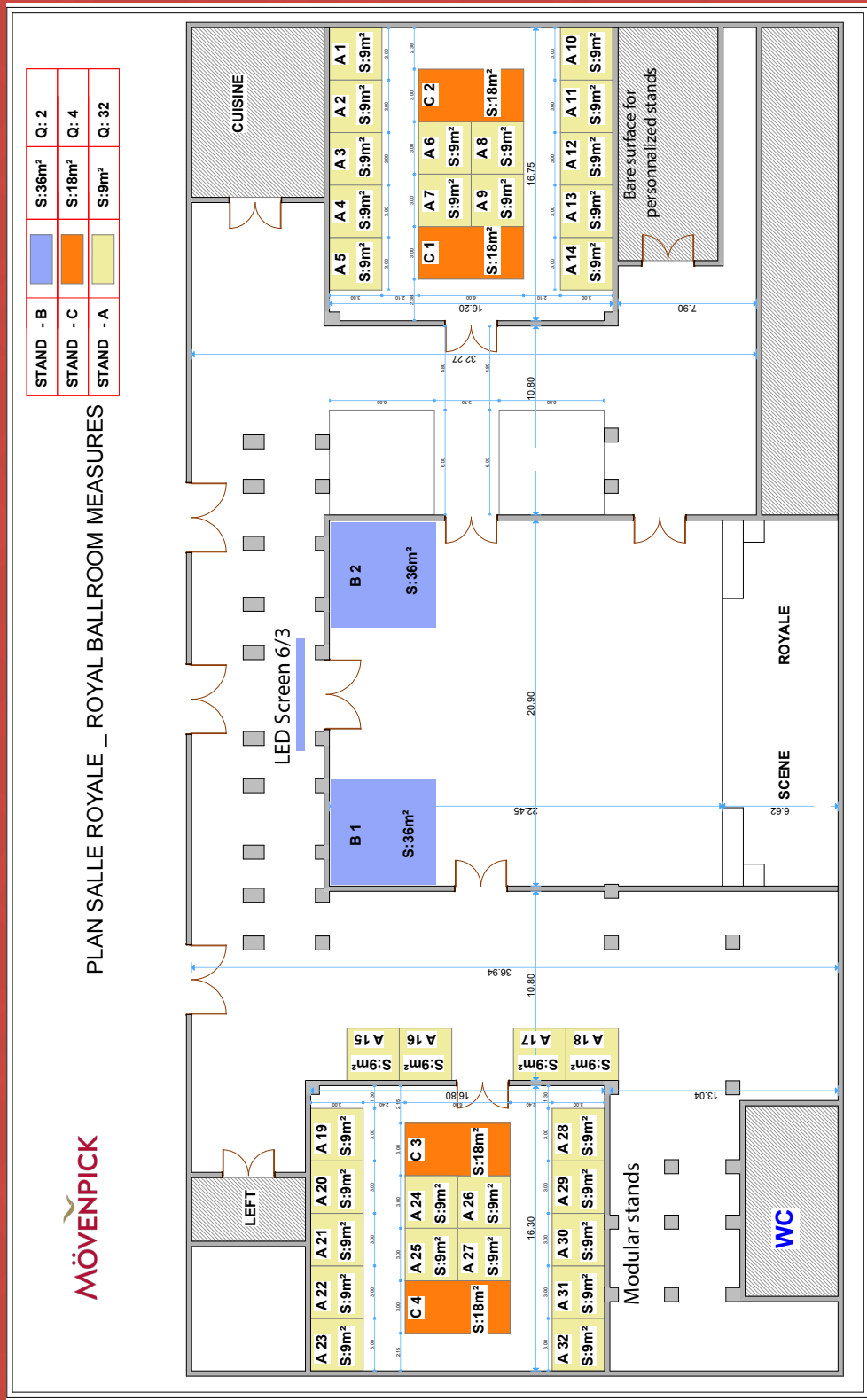
Palais des Congrès by Mövenpick Mansour Eddahbi Marrakesh is the largest convention center in the Kingdom. Equipped with state-of-the-art equipment, the building occupies more than 5,600 m<sup>2</sup>, including 2,700 m<sup>2</sup> that can be converted into exhibition spaces. The Palais des Congrès has built a solid reputation for excellence over many years.

Functional spaces can accommodate exhibitions, conferences or Congresses have a capacity up to 3,000 people.



[Avenue Mohammed VI, Marrakesh 40020 Morocco](#)

# EXHIBITION PLAN



Don't miss the opportunity to book your booth.  
 Contact the Organizing agency to get more information:  
[icoh2024@wemiceyou.com](mailto:icoh2024@wemiceyou.com)

# DISCOVER MOROCCO

Morocco, located in North Africa, is known for its rich History, diverse culture, vibrant nightlife and stunning landscapes: Atlantic Ocean, Mediterranean Sea, Atlas Mountains, Sahara Desert and various breathtaking spots to discover. Most important Cities are

- Rabat, the capital city,
- Fez, the well-preserved medieval architecture;
- Casablanca, the modern metropolis
- Marrakesh, the cultural and tourist hub.

Don't miss the opportunity to taste Moroccan cuisine, one of the best in the world! Then enjoy a Mint tea with Moroccan sweets for a delightful moment.

Moroccans are known for their warm hospitality. Remember that Morocco is a diverse and dynamic country, offering a blend of modernity and tradition. Exploring its cities, landscapes, and cultural facets can provide a fascinating and enriching travel experience.



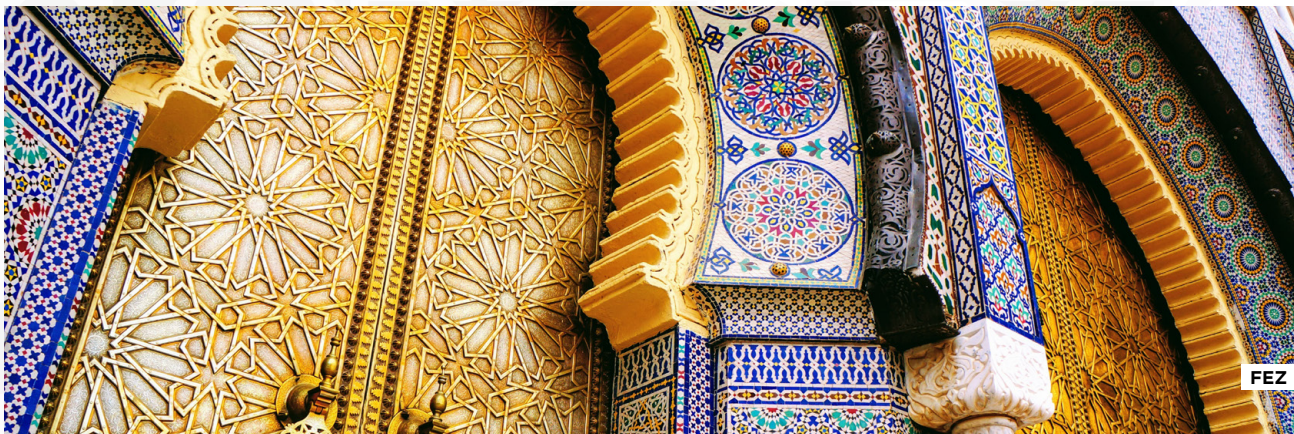
MARRAKESH



FEZ



CHEFCHAOUEN



FEZ

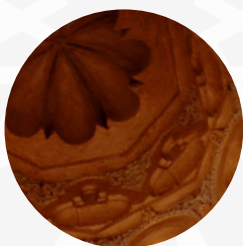


# DYNASTIC HISTORY OF MOROCCO

Morocco, The second oldest monarchy in history without interruption for more than 12 centuries

## Idrisside dynasty 789-974

The Idrisside dynasty was the first to conquer Morocco for more than a century. Its founder was Idriss the 1st famous for making Volubilis (Walili) his capital. From 789 to 978, the Idrisside dynasty dominated much of the Maghreb, including the North Africa of the current Morocco.



## Almoravid Dynasty 1060-1147

After the Idrissides, a new dynasty began reigning over the country and obtained shares of the Maghreb soil : the Almoravids. Destroying the African reign before attacking the north, the Almoravids founded Marrakesh in 1062. They managed to reign over the whole Maghreb and Al-Andalus and named Marrakesh as their capital.

## Almohad dynasty 1145-1248

The Almohads won over the Almoravid dynasty in conquering Morocco. Guided at first by Ibn Tومert, the Almohads declared war against the Almoravids under religious pretext. Their Arabic name, implying the uniqueness «Attawhid», was the object of their proclamation.

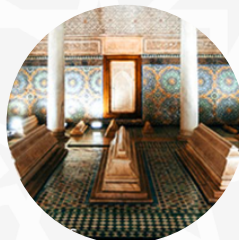


## Marinid dynasty 1244-1465

Founded by the Amazigh Chief Abou Yahia, with Fez as its capital, the Marinid dynasty overthrew the Almohads by driving them out of the Maghreb. Their reign didn't last long, the Marinids were defeated by the Portuguese who attacked the coast through Ceuta and the Strait of Gibraltar. Motivated by the transmission of religious values, the Marinids built several Zaouias, mosques and Koranic medersas such as the one in Salé. Several achievements and foundations symbolize this dynasty, the decorations in wood and stucco, roofs with glazed tiles, glazed ceramics, etc.

## Saadian dynasty 1554-1659

The Saadian dynasty had overthrown the Marinids and initially had Fez as its capital before winning Marrakesh. They had declared war against the Portuguese and recovered several cities including the city of Agadir. The Saadians took Spain as their ally to protect themselves against Turkish threats.



## Alaouite dynasty 1666-To the present

The Saadians were dethroned by the Alaouite dynasty. Originating from Tafilalet, the Alaouite dynasty drove out the Saadians for the sake of power. After taking Fez as a capital, it went as up to Meknes under the reign of Sultan Moulay Ismail, the finally to Rabat, which has been the current capital of Morocco since 1912.

# DISCOVER MARRAKESH

Marrakesh, often referred to as the «Ocher City» due to the distinctive color of its buildings, is one of Morocco's most enchanting destinations. Whether you're exploring its historic landmarks, getting lost in the bustling souks, or escaping to the tranquility of its gardens, Marrakesh offers a captivating blend of history, culture, and natural beauty that's sure to leave a lasting impression.



## Marrakesh, a never-to-be-forgotten experience!

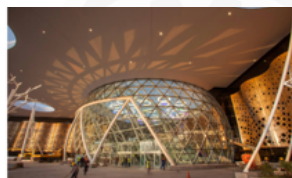
Imperial at the feet of the snowy high Atlas Mountains, the city with its majestic ochre walls offers its visitors memories to last a lifetime. Marrakesh, muse of artists and of fashion, Marrakesh with its festivals, celebrities, luxurious palaces and its trendy nights. Marrakesh, touristic capital for more than a century, offers a judicious equilibrium between the treasures of the past and the permanent energy of the living cultures.

In the very heart of the city, the Jemaa El Fna, on UNESCO's Oral and Immaterial Heritage list, is a place of meetings, spectacles and restaurants when dusk is falling.

The Palm Grove with its 100,000 trees is the occasion for an agreeable stroll by barouche, a horse-drawn carriage. Planted with olive trees, the Menara Gardens, and their pavilion of the 14th century, with the high Atlas Mountains in the background, are a magic place to enjoy.

Marrakesh offers a complete sensory experience that is immediately captivating and thrilling.

A range of Congress tours is on offer to enable you and your loved ones to explore our vibrant city. Visit the Congress website for further information.



# DESTINATION INFORMATION



## POPULATION

Approx. 40 million



## LANGUAGE

Arabic & French



## POWER

220 volts french sockets



## CURRENCY

Moroccan Dirham



## WEATHER APRIL/MAY

Low of 13°C  
and high up to 27°C.



## VACCINATIONS

No compulsory  
vaccination



## CAPITAL CITY

Rabat



## MAIN INCOME

Agriculture,  
phosphate minerals,  
and tourism



## TIME ZONE

Morocco is at GMT+1



## FORMALITIES

The need for a visa  
depends on your  
nationality.  
A valid passport is  
mandatory

# MOROCCAN CONNECTIONS

Casablanca is directly connected to 13 major international hubs, allowing it to cover, in less than one stop, more than 170 country in the world .

At the Arrival and Departure from Marrakesh, 26 airlines companies. Plenty direct flights towards 60 cities. 630 international flights, weekly



# ACCOMMODATION

There are various accommodation options conveniently located within walking distance from the Congress venue, the Palais des Congrès de Marrakesh.

Enjoy special discounted rates when booking through the Congress hotel reservation platform. Be sure to visit the Congress website to review your options before finalizing your accommodation choice during registration.

For any further information about accommodation and group booking, please contact organizers at [lbt@wemiceyou.com](mailto:lbt@wemiceyou.com), they will guide you through the process.

WE MICE YOU is the official accommodation provider for the 34<sup>th</sup> ICOH2024 in Marrakesh and has negotiated specially discounted rates for the period of the Congress.



## **HOW TO GET BENEFIT FROM SPECIAL NEGOTIATED FARES?**

WE MICE YOU have a room quota for congress participants at an exclusive fare. You can get in touch with the organizing committee of ICOH2024 to book your room and make sure to stay in the congress hosted hotels.

## **DO I NEED TO GO THROUGH THE PLATFORM TO BOOK MY ACCOMMODATION?**

Not necessarily. WE MICE YOU can offer different flexible options to meet your needs and facilitate your stay.

## **HOW TO PROCEED FOR GROUP BOOKING?**

If you wish to purchase a group booking of 10 rooms or more, please contact: [lbt@wemiceyou.com](mailto:lbt@wemiceyou.com) and get an additional special group discount.

## **WHAT IF I NEED TO BOOK THROUGH MY TRAVEL AGENCY OR MY INSTITUTION/COMPANY:**

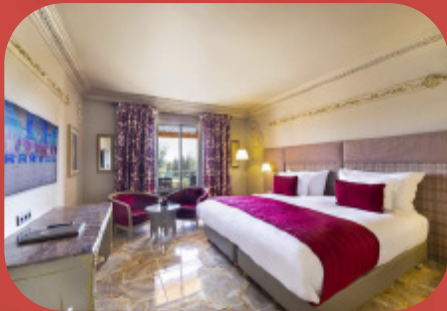
Contact us to secure your booking.



## MOVENPICK MANSOUR EDDAHBI

Bd Mohamed VI, Marrakesh 40000

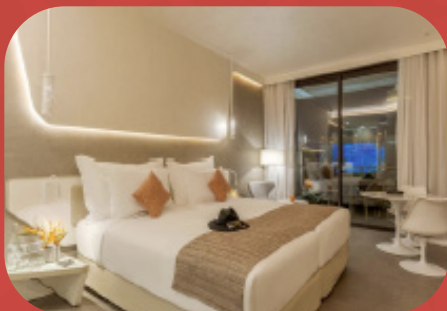
CONGRESS  
HOTEL



## MOGADOR MENARA

Bd Mohamed VI, Marrakesh 40000

CONGRESS  
HOTEL



## PESTANA CR7

Avenue de la Ménara, L'Hivernage,  
40000 Marrakesh



## ESSAADI PALACE

Avenue Quadissia, Marrakesh



## SOFITEL

Rue Haroun Errachid - Quartier Hivernage,  
40 000 Marrakesh

# ENJOY YOUR STAY IN MARRAKESH

Between tradition and modernity, Marrakech is the promise of incomparable sensations and unique experiences.

You can't visit the red city without enjoying a typical moment to create eternal memories!

Discover our selection of activities and book your spot now!

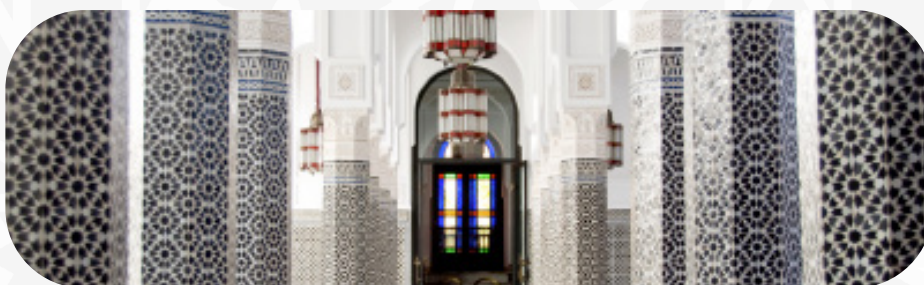
## ART GALLERIES MARRAKESH



## MUSEUM LOVERS MARRAKESH



## THE SECRET RIADS MARRAKESH





# EXTEND YOUR STAY IN MOROCCO

Do you have some extra time? Great! This is the opportunity to discover more experiences and breathtaking landscapes!

We crafted for you the ideal itineraries for immersive and unforgettable moments. Don't miss the opportunity to make the most of your visit to Morocco!

## A JOURNEY IN THE PAST MARRAKESH



## WANDER THE SAHARA MARRAKESH



# CONTACT

## HOST & ORGANIZERS



## PARTNER CONGRESS ORGANIZER



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# ICOH 2024

[www.icoh2024.ma](http://www.icoh2024.ma)

## 34<sup>th</sup> International Congress on Occupational Health

