



EGYPTIAN SOCIETY OF FITNESS OCCUPATIONAL DISABILITY & ENVIRONMENTAL HEALTH

OCCUPATIONAL & ENVIRONMENTAL MEDICINE DEPARTMENT FACULTY OF MEDICINE, CAIRO UNIVERSITY ollaboration with



International Component Society of Occupational & **Environmental Medicine**



AMERICAN SOCIETY OF SAFETY PROFESSIONALS. EGYPT CHAPTER

4th International

18th National Conference of



HUMAN PERFORMANCE IN HEALTH & DISABILITY

9th & 9th of June, 2023 **Grand Nile Tower Hotel, Cairo, Egypt**



Under the patronage of Professor Dr. Manal Al-Masry Dean of the Faculty of Medicine, Cairo University

Conference Chairman Prof. Mohamed. M. El-Batanouny

Secretary General Prof. Yehia A. Zakaria

General Co-ordinator & Head of OEM Dpt. Prof. Dalia I. Attia

Chairman of Organizing Committee Prof. Mahmoud El-Batanouny



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https://sites.google.com/a/kasralainy.edu.eg/frukasr/conf18





Welcome Message

Dear Colleagues:

The Organizing Committee has the pleasure to extend a warm welcome and greeting to all participants of the 4th International & 18th National Conference of Human Performance in Health and Disability.

The Egyptian society of Fitness, Occupational Disability & Environmental Health continues to grow every year and our meetings are the result of increasing need and interest in different medical specialties.

This year, we look forward to your active participation and fruitful suggestions to make it a successful conference by achieving its objectives.

President of Conference

Prof. Mohamed M. El Batanouny

Secretary General of Conference

Prof. Yehia Ahmed Zakaria

General Co-ordinator of Conference, Head of OEM Dept., Cairo University

Prof. Dalia Ismail Attia

Chairman of Organizing Committee

Prof. Mahmoud El Batanouny



Egyptian Society of Fitness, Occupational Disability And Environmental Health

Board Members:

President : Prof. Mohamed M. El Batanony



Secretary General : Prof. Yehia Ahmed Zakaria



Treasurer : Prof. Dalia Ismail Attia



Member : Prof. Ferial Abd El-fattah Darwish



Member : Prof. Khaled Gamal



Organizing Committee

Special thanks to staff members of OEM department, Cairo University

♦ Ass. Prof. Ghada Elsherief

♦ Ass. Prof. Basma Mourad

In addition to our great team:

♦ Mr. Khaled Mahmoud

♦ Mrs. Amal Gaber
♦ Mr. Mohamed Khaleefa

♦ Mrs. Asmaa Abd El Wahab
♦ Mrs. Sayeda Mahfouz





ICSOEM (International Component Society of Occupational & Environmental Medicine)

Board Members 2022-2025:

President : Prof. Yohama Caraballo-Arias



Vice President : Prof. Ahmed Albadry



Treasurer : Dr. Ade Mutiara



Coordination Team

Admin. Coordinator : Maryam Mahdy





International Guest Speakers (In Alphabetical Order)



Dr. Ahmed Altayyar

Physician Manager, Occupational Health at Johns Hopkins Aramco Healthcare previoulsy Saudi Aramco Services Organization



Dr. Ali Hashtroudy

Head of National School of Occupational Health Workforce Training & Education, NHS
England
Honorary Senior Lecturer, King's College London



Dr. Dingani Moyo

Baines Occupational Health Services, Zimbabwe. National University of Science and Technology, Zimbabwe. University of Witwatersrand, South Africa



Prof. Hani Aiash

Ass. Dean of Research, State University of New York, Upstate Medical University
Ass. Professor Medicine, Critical Care Surgery< Neurology & Cardiovasculat Perfusion



Dr. Khaled Saeed Aseri

Consultant of Preventive Medicine and public health, King AbdulAziz Medical City, Jeddah. Saudi Arabia



Dr. Khalid A. Al-Madani

Consultant in Clinical Nutrition
Vice President of the Saudi Society for Environmental Sciences
Member of the Board of the Saudi Society for Food and Nutrition



Dr. Marwan Behisi

Occupational Medicine Consultant, ICOH National Secretary for Saudi Arabia - Senior Aviation Medicine Examiner, Federal Aviation Administration



Dr. Muna Faleh Alsulaiman

General Manager of policy and innovation at KSA's national council of OSH



Prof. Sibel KIRAN

MD PhD in Occupational Health

Koç University School of Medicine, Dept. of Public Health, İstanbul, Türkiye



Dr. Stephen J Miller

MB ChB, MD, MRCPsych,
Consultant Psychiatrist, Medical Psychotherapist and Psychoanalyst, England



Prof. Yohama Caraballo-Arias

ICSOEM President, Researcher University di Bologna-Italia
ICOH National Secretary of Venezuela



Program at a Glance

DAY 1: THURSDAY 8TH OF JUNE, 2023

Laylaty Hall

08:30 - 09:30	Registration
09:30 – 10:00	Opening Ceremony
10:00 - 11:00	Session (1): Asthma
11:00 - 11:30	Session (2): Plenary Session
12:00 - 12:30	Session (3): Occupational & Environmental Health Services
12:30 - 01:00	Coffee Break
01:00 - 01:30	Session (4): Climatic Changes & Human Performance
01:30 - 02:30	Session (5): Assessment & Control Of Occupational & Environmental Exposures
02:30 - 03:30	Session (6): Occupational, Environmental & Clinical Toxicology
03:30 - 04:00	Lunch

DAY 2: FRIDAY 9TH OF JUNE, 2023

Laylaty Hall

10:00 - 10:45	Session (1): Occupational & Environmental Health Problems
10:45 - 11:45	Session (2): Psychosocial Hazards & Human Performance
11:45 - 12:45	Session (3): Occupational & Environmental Exposures
12:45 -	Coffee Break & Friday Prayer
01:45 - 02:45	Session (4): Occupational & Environmental Pulmonology (1)
02:45 - 03:15	Session (5): Occupational & Environmental Pulmonology (2)
03:15 - 04:00	Session (6): Closing Session
03:00 - 03:30	Lunch

WORKSHOPS: DAY 1: THURSDAY 8TH OF JUNE, 2023

Nile Expo Hall

01:00 - 01:30	Indications And Mechanisms Of Hyperbaric Oxygen
02:30 - 03:30	Ten Tools To Be More Productive At Work

Workshops: Day 2: Friday 9th of June, 2023

Nile Expo Hall

10:00 - 11:00	Smoking Cessation Program
11:00 - 12:30	Drug And Alcohol Policy At Workplace
03:00 - 04:00	How to properly choose PPE ?

WORKSHOPS: DAY 3: SATURDAY 10TH OF JUNE, 2023

F.R. Unit, Kasr Al Ainy

10:00 - 12:00	Pulmonary Function Tests & Its Interpretation	
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Day (1): Thursday 8th of June, 2023

08:30 - 09:30

REGISTRATION

Main Conference: Laylaty Hall



Under the patronage of ★ Prof. Manal Al-Masry

Dean of the Faculty of Medicine, Cairo University

* **Prof.** Mohamed El Batanony

Chairman of Conference

* Prof. Yehia Zakaria

Secretary General of Conference

* **Prof.** Mahmoud El Batanony

Chairman of Organizing Committee

* Prof. Dalia Ismail

General Co-ordinator of Conference

Head of OEM. Dept., Cairo

University



ASTHMA

10:00 - 11:00

- Prof. Kamal Maurice - Prof. Mahmoud Amr

- Prof. Medhat Negm - Prof. Randa Salah

☆ SPEAKERS

Understanding more..Severe Asthma

(15 min)

Prof. Hesham Taraf (Egypt)

(15 min) Occupational asthma: Update.

Prof. Mohamed El-Batanouny (Egypt)

■ Targeted Biologic Therapy in Pediatric Severe Asthma. (15 min)

Prof. Mona El-Falaky (Egypt)

Session

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PLENARY SESSION

11:00 - 11:30

- Prof. Amal El Safty

- Prof. Eman Mahfouz

The seven secrets of happiness at work

(30 min)

Prof. Yohama Caraballo-Arias

(Venezuela)



3

OCCUPATIONAL & ENVIRONMENTAL HEALTH SERVICES

12:00 - 12:30

- Prof. Abdelaziz Kamal

- Prof. Ahmed Refaat

-Prof. Ahmed Shouman

☆ SPEAKERS

■ KSA's Occupational safety and health initiatives

(15 min)

Prof. Muna Al-Sulaiman

(Saudi Arabia)

© Occupational Health Services Policy Landscape in Southern Africa. The Dawn of a New Era. (15 min)

Pr. Dingani Moyo

(Zimbabwe)

12:30 - 01:00



Session

4

CLIMATIC CHANGES & HUMAN PERFORMANCE

01:00 - 01:30

- Prof. Mohamed Salem

- Prof. Mona Sobhy Siha

- Prof. Rehab Abdelhay

☆ SPEAKERS

Hepatic health impacts & adaptations with climate change in Egypt. (15 min)

Prof. Amal Saad El-Deen

(Egypt)

Temporal trend of diarrhea morbidity rate with climate change: Egypt as a case study.

(15 min)

Ass Prof. Lamia Samir El-Laithy (Egypt)



5

ASSESSMENT & CONTROL OF OCCUPATIONAL & ENVIRONMENTAL EXPOSURES

01:30 - 02:30

TABLE 19 (In Alphabetical Order)

- Prof. Adel Meshreky

- Prof. Fathia Metwaly

- Prof. Gaafar Abdel Rasoul

- Prof. Hosny Abdelrahman

- Prof. Inas Fawzy

☆ SPEAKERS

Unlocking happiness

(15 min)

Pr. Ahmed Al-Tayyar

(Saudi Arabia)

Exposomics and its applications in occupational and environmental exposure assessment, review of literature.

(15 min)

Prof. Mohamed El-Helaly

(Egypt)

Interface between OH and infection control team in hospitals. (15 min)

Pr. Ali Hashtroudi

(UK)

Control of air pollution caused by means of transportation.

(15 min)

• Dr. Khalid A. Al-Madani

(Saudi Arabia)



6

OCCUPATIONAL, ENVIRONMENTAL & CLINICAL TOXICOLOGY

02:30 - 03:30

- Prof. Nabil Abd Elmaksoud

- Prof. Nermine Hamdy

- Prof. Rabab ElSherif

- Prof. Sahar Farahat

☆ SPEAKERS

Nano-Particles Toxicity in Occupational Settings.

(15 min)

Prof. Heba Mahdy Abdallah

(Egypt)

a Cardio inhibitory drugs toxicity and ECMO.

(15 min)

• Prof. Hani Aiash

(USA)

Plasmapharesis in envenomation with special emphasis on snake bite. (15 min)

• Ass Prof. Marwa Mohamed Fouad

(Egypt)

03:30 - 04:00





Day 2: Friday 9th of June, 2023

Main Conference: Laylaty Hall

Session

OCCUPATIONAL & ENVIRONMENTAL HEALTH PROBLEMS

10:00 - 10:45

- Prof. Amany Waheed

- Prof. Hussein Elzayet

- Prof. Mohamed El Beshlawy

- Prof. Reem Abbas

★ SPEAKERS

Highlights on occupational and environmental health problems in developing countries.

(15 min)

Prof. Mohamed Moselhi

(Egypt)

Are we in need to create a preventive medicine department in the hospital?

(15 min)

Pr. Khaled Saed Aseri

(Saudi Arabia)

SCADEMP approach to revitalize corporate health

(15 min)

Ass Prof. Ahmed Al-Badry

(Egypt)



2

PSYCHOSOCIAL HAZARDS & HUMAN PERFORMANCE

10:45 - 11:45

- Prof. Fahmy Charl

- Prof. Mahmoud Abou

Salem

- Prof. Omayma Kamel

- Prof. Ragaa El Gazar

- Prof. Safaa El Serogy

★ SPEAKERS

a Sleep and occupational safety.

(15 min)

• Dr. Marwan Behisi

(Saudi Arabia)

Quality of working life.

(15 min)

Pr. Sibel Kiran

(Turkey)

■ Technostress Creators and Outcomes Among Egyptian Medical Staff and Students: A Multicenter Cross-Sectional Study of Remote Working Environment During COVID-19 Pandemic.

(15 min)

• Ass Prof. Zeinab Kasemy

(Egypt)

Risk Management for the Employee with a Mental Health Problem (15 min)

Pr. Stephen Miller

(UK)



3

OCCUPATIONAL & ENVIRONMENTAL EXPOSURES

11:45 - 12:45

- Prof. Hosnia Ragab

- Prof. Mona Abdel All

- Prof. Raed Elazab

- Prof. Refaat Sadek

- Prof. Samia El Damaty

★ SPEAKERS

Ionizing radiation health surveillance

(15 min)

Ass *Prof*. Hanaa Gabr

(Egypt)

- Audiometric notch for the prediction of early occupational hearing loss and its association with the IL-1 β genotype (15 min)
 - Prof. Mona Mohamed Taha

(Egypt)

- Child labor in car-repair workshops: Socio-demographic characteristicsand health hazards (15 min)
 - * Ass Prof. Shimaa Abdelsamee Mohammed (Egypt)
- Pulmonary functions and oxidative stress biomarkers among silica exposed foundry workers.(15 min)
 - Ass Prof. Ghada El-Sherief

(Egypt)





12:45 - 01:45



4

OCCUPATIONAL & ENVIRONMENTAL PULMONOLOGY (1)

01:45 - 02:45

- Prof. Abd Elsadek Elarag

- Prof. Ahmed El Gazar

- Prof. Mahmoud El Saadawy

- Prof. Nabila Laz

- Prof. Samir Wasef

☆ SPEAKERS

Pneumonia diagnostics in under and high resource settings (15 min)

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Prof. Mohamed Sedky

(Egypt)

@ CPX in interstitial lung diseases.

(15 min)

Prof. Yehia Zakaria

(Egypt)

(15 min)

• Prof. Ayman Salem

(Egypt)

Bronchoscopic intervention may be associated with a better outcome: CaseScenarios. (15 min)

• Prof. Sabah Ahmed

(Egypt)

Session

5

OCCUPATIONAL & ENVIRONMENTAL PULMONOLOGY (2)

02:45 - 03:15

- Prof. Khaled Gamal

- Prof. Mohamed Elbatanouny

- Prof. Yehia Zakaria

★ SPEAKERS

Mesothelioma, An occupational and environmental medical problem. (15 min)

Pr. Hussein Fathy

(Egypt)

Bullectomy as a lung reduction surgery.

(15 min)

* Ass Prof. Hesham El-Batanouny

(Egypt)



6

CLOSING SESSION 03:15 - 04:00

04:00 - 04:30



Workshops Nile Expo Hall





Day (1): Thursday 8th of June, 2023

Workshop

INDICATIONS AND MECHANISMS OF HYPERBARIC OXYGEN

1

THERAPY

01:00 - 01:30

MODERATOR

- Prof. Sawsan Farouk

☆ SPEAKERS

Ass Prof. Moataz Mahmoud Ahmed Gamal Eldin (Egypt)

Ass Prof. Amgad Ahmed Gamal Eldin (Egypt)

Ass Prof. Khaled Eltobgy (Egypt)

Workshop

TEN TOOLS TO BE MORE PRODUCTIVE AT WORK

2

02:30 - 03:30

MODERATOR

- Prof. Nevine Mansour

★ SPEAKERS

Prof. Yohama Caraballo-Arias

(Venezuela)



Day 2: Friday 9th of June, 2023

Workshop

SMOKING CESSATION PROGRAM

1

10:00 - 11:00

MODERATOR

- Prof. Manal Hassan

☆ SPEAKERS

♣ Prof. Amal Saad-Hussein (Egypt)

Prof. Heba Mahdy Abdallah (Egypt)

♣ Prof. Salwa Farouk Hafez (Egypt)

Prof. Weam Shaheen (Egypt)

Workshop

DRUG AND ALCOHOL POLICY AT WORKPLACE

2

11:30 - 12:30

MODERATOR

- Prof. Dalia Shaker

★ SPEAKERS

Pr. Ali Hashtroudy

(UK)

Workshop

HOW TO PROPERLY CHOOSE PPE?

3

03:00 - 04:00

MODERATOR

- Prof. Aisha Samir

☆ SPEAKERS

ASSP, Egypt Chapter Team

(Egypt)

Day3: Fitness & Rehabilitation Unit, Kasr Al Ainy

Workshop

PULMONARY FUNCTION TESTS & ITS INTERPRETATION

1

10:00 - 12:00

MODERATOR

- Ass Prof. Ghada H. El-Sherif

(Egypt)



Posters

- Assessment of variable digital device related health problems among employees in Suez Canal University and the effect on their lifestyle.
 - **♀** Dr. Mohamed Abdelrahman Elewa (Egypt)
- Work related stress with an emphasis on technostress.
 - **Pr.** Mostafa Mohamed Yosef (Egypt)
- Influence of chitotriosidase gene polymorphisms on oxidative stress and susceptibility to Aspergillus infection among exposed workers.
 - **№** Dr. Michael Mounir Shawky (Egypt)