

Scientific Program

Day 1 – May 4th, 2025

GLOBAL OCCUPATIONAL
SAFETY & HEALTH CONFERENCE

FUTURE OF OSH

Scientific Program of the **GOSH7** Conference – For Discussion Only, not for Sharing or Distribution.

Inaugural Keynote Address

Day One - Sunday, May 4, 2025
From 10:05 AM to 10:15 AM

**His Excellency the Minister of Human Resources and Social
Development
Chairman of the Board at the National Council for Occupational Safety
and Health**

Expected Attendance
On-Site and via Live Streaming
100,000+

Speech Duration
10 Minutes

Proposed Language
Arabic

The Inaugural Keynote Address by His Excellency

Day One - Sunday, May 4, 2025
from 10:05 AM to 10:15 AM



His Excellency Eng. Ahmad bin Sulaiman Al-Rajhi
Minister of Human Resources and Social
Development
Chairman of the Board at the National Council for
Occupational Safety and Health
Opening Address of the Conference

Opening Address for the Conference:

The role of the National Council for Occupational Safety and Health (NCOSH) and the Ministry in empowering the occupational safety and health sector, represented by NCOSH, to enhance worker safety and health, and to provide attractive, healthy, safe, and sustainable work environments.

Key Points:

1. Welcoming the conference guests and highlighting the role and theme of the conference in an era of rapid changes.
2. Showcasing national achievements and future directions in occupational safety and health.
3. Announcing new initiatives to enhance occupational safety and health.
4. Inviting participants to strengthen international cooperation to address future challenges and build safe work environments for all, emphasizing the Kingdom's commitment to continuing collaboration with countries and international organizations to achieve a safer and more sustainable future in occupational safety and health.
5. Extending gratitude to the supporting and organizing entities of the conference, along with heartfelt thanks and appreciation to all participants for contributing to the success of this event.

(NCOSH: Launch of New Initiatives)

Day One - Sunday, May 4, 2025
from 10:20 AM to 10:30 AM

(NCOSH: Launch of New Initiatives)

10 Minutes

Fireside Chat

Day One - Sunday, May 4, 2025
from 10:35 AM to 10:45 AM



Her Excellency Dr. Hala Al-Tuwaijri

President of the Human Rights Commission,
Saudi Arabia

Keynote Speech:

"Occupational Safety and Health as a Fundamental Worker Right: Enhancing Rights and Protecting Lives"



MC & Moderator:

Mr. Jamal Almuayqil

TV Presenter
Rotana

Introduction:

This keynote addresses the significance of occupational safety and health as a fundamental human right, emphasizing the role of the Commission in safeguarding workers' rights and ensuring safe and humane workplaces. The speech will highlight efforts to promote sustainability by creating work environments that uphold human dignity and support sustainable development goals.

Key Points:

1. How does the Human Rights Commission contribute to implementing occupational safety and health standards across all sectors?
2. What efforts does the Human Rights Commission make to ensure the safety and health of workers, and how are modern technologies applied to improve work environments?
3. With the expansion of sustainability projects and Saudi Vision 2030, how does the Human Rights Commission work to ensure alignment between its objectives and occupational safety and health standards?
4. What initiatives has the Human Rights Commission launched to enhance occupational safety and health standards, and how do these initiatives contribute to achieving sustainable development goals in this field?

Panel Discussion 2

Day One - Sunday, May 4, 2025
From 10:50 AM to 11:35 AM



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat

	<p>His Excellency Dr. Abdullah N. Abuthnain Vice Minister of Human Recourses and Social Development for Labor Vice Chairman of the Board at the National Council for Occupational Safety and Health</p>		<p>H.E. Dr. Asif Nazrul Minister Expatriates' Welfare and Overseas Employment People's Republic of Bangladesh</p>		<p>His Excellency Mr. Abdulaziz Hassan Alboug Governor of the General Organization for Social Insurance</p>
	<p>Dr. Ruba Jaradat Assistant Director-General and Regional Director for Arab States (ILO)</p>		<p>Mr. Luc Triangle General Secretary International Trade Union Confederation (ITUC)</p>		

Panel Discussion:

"Promoting Occupational Safety and Health at the International Level: Global Experiences and Future Aspirations"

Introduction:

This session showcases leading experiences in enhancing occupational safety and health through the development of national policies, support for legislation, adoption of modern technologies, and the strengthening of international cooperation. The session aims to share best practices and support mechanisms to achieve the Sustainable Development Goals.

Key Discussion Points:

1. Strategies for Enhancing Occupational Safety and Health Standards Globally.
2. Successful International Experiences in Improving Work Environments.
3. Frameworks for Cooperation Between Countries and International Organizations to Achieve Sustainable Occupational Safety and Health
4. The Role of Occupational Safety and Health in Supporting Global Economic Development.
5. Future Aspirations for Unifying International Standards in Occupational Safety and Health.

Keynote Speech 1



His Excellency Eng. Mansour Hilal Al Mushaiti

Vice Minister
Ministry of Environment, Water and Agriculture

Day One - Sunday, May 4, 2025
from 11:40 AM to 11:50 AM

Fireside Chat Discussion:

“Environmental Sustainability and Workplace Safety: Integrating Policies to Protect People and Natural Resources”

Proposed Key Discussion Points:

1. Integrating environmental policies with occupational safety and health systems
2. The impact of climate change and extreme environmental conditions on worker safety in agriculture and environmental sectors
3. Sustainable agriculture and worker protection: challenges and opportunities in the environment and water sectors
4. The role of awareness and training in promoting safe practices in environment, water, and agriculture related sectors

Break

Break from 11:50 to 13:00

Break Duration

70 minutes

Keynote Speech

Day One - Sunday, May 4, 2025
From 13:05 to 13:15



Eng. Fawaz Alrabeh
CEO
National Transformation Program

Keynote Speech:

“The Future of Safety in Vision 2030 within the National Transformation Program”

Key Points:

- The Role of the National Transformation Program in Enhancing Safety under Saudi Vision 2030
- Digital Transformation and the Use of Technology in Safety
- Empowering National Talent in Occupational Safety and Health
- Developing Legislations and Policies to Strengthen Safety Standards
- Innovation and Sustainability as Pillars of the Future of Safety

Panel Discussion

Day One - Sunday, May 4, 2025
From 13:20 to 14:05

	<p>His Excellency Eng. Badr bin Abdullah Al- Dulami</p> <p>Vice Minister and Acting CEO of the General Authority for Roads</p>		<p>His Excellency Dr. Rumaih bin Mohammed Al-Rumaih</p> <p>Vice Minister and Acting President of the Public Transport Authority</p>		<p>His Excellency Mr. Abdulaziz bin Abdullah Al-Duailej</p> <p>President of the General Authority of Civil Aviation (GACA)</p>
	<p>His Excellency Eng. Aali Al-Zahrani</p> <p>Governor of the Supreme Authority For Industrial Security</p>		<p>Mr. Rob Johnston</p> <p>Assistant General Secretary</p> <p>International Transport Workers' Federation</p>		



Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)

Panel Discussion:

“Integration of National Efforts and the Role of the Private Sector in Enhancing Occupational Safety and Health in the Transport and Logistics Sector: A Strategic Vision for Building a Sustainable Future”

Introduction:

The panel discussion highlights the importance of collaboration between national entities and the private sector, led by pioneering companies like Aramco, to strengthen occupational safety and health standards in the transport and logistics sector. It addresses the challenges faced by the industry and explores the use of modern technologies to achieve sustainable development.

Key Discussion Points:

1. Occupational Safety and Health in the Transport and Logistics Sector.
2. Key Challenges in Transport Infrastructure and Logistics.
3. The Role of the Private Sector in Advancing Occupational Safety and Health Standards (Aramco as a Model).
4. Institutional Integration Between National Entities and the Private Sector.
5. Innovation and the Use of Modern Technologies to Improve Occupational Safety and Health.
6. A Future Vision to Achieve Sustainable Development Goals in the Transport Sector.

Keynote Speech

Day One - Sunday, May 4, 2025
from 14:10 to 14:20



H.E. Mr. Mohamed Ould Soueidatt
Minister of Public Service and Labour
Islamic Republic of Mauritania

Keynote Speech Title:

"Advancing Occupational Safety and Health in the Islamic Republic of Mauritania"

Introduction:

Amidst the economic and social transformations witnessed by the Islamic Republic of Mauritania, occupational safety and health (OSH) has become a cornerstone for ensuring safe and sustainable work environments. In line with the government's commitment to safeguarding the workforce and enhancing professional quality of life, we continue to develop legislation, modernize preventive programs, and promote a culture of occupational safety and health across all sectors. These efforts are integral to achieving comprehensive and sustainable development.

Key Discussion Points:

The Vital Role of Occupational Safety and Health in Achieving Sustainable National Development.

Assessing the Current State of Occupational Safety and Health in Mauritania.

Government Initiatives to Modernize OSH Legislation and Regulatory Frameworks.

Keynote Speech

Day One - Sunday, May 4, 2025
from 14:25 to 14:35



Major General Dr. Hammoud bin Suleiman Al-Faraj

Director-General

Civil Defense

Keynote Speech:

“Prevention and Effective Emergency Response in the Workplace: Toward an Integrated National OSH System”

Introduction:

Prevention and effective emergency response in workplaces are fundamental pillars for ensuring worker safety and protecting them from potential hazards. This requires the development of an integrated occupational safety and health (OSH) system that enhances preparedness for emergencies and fosters a safe, sustainable work environment.

Key Points:

1. The role of Civil Defense in preventing occupational incidents and responding to workplace emergencies.
2. The importance of inter-agency coordination to strengthen OSH preparedness and response.
3. Risk planning and management in critical and industrial facilities.
4. Training and capacity building as a foundation for safety culture and prevention.
5. Leveraging modern technologies in rescue, monitoring, and prevention operations.

Side Event:

Organized by NCOSH
& the Arab Labor
Organization



MC:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)

Heat Prevention and Heat Resilience Discussion

May 4th, 2025
14:40 – 16:40

Opening Speech

Day One - Sunday, May 4, 2025
from 14:40 to 14:50



Eng. Majed bin Ibrahim Alfuwaiz

Secretary-General

National Council for Occupational Health and Safety
(NCOSH)

Speech

Day One - Sunday, May 4, 2025
from 14:50 to 15:00



Mr. Fayez Al-Mutairi

Director-General

Arab Labor Organization (ALO)

Speech

Day One - Sunday, May 4, 2025
from 15:00 to 15:10



Eng. Nasser Aljaryad

Chairman

Saudi National Committee of Workers
Committees (SNC)

Video on Heat Stress and its Impact

Day One - Sunday, May 4, 2025
from 15:10 to 15:15

Awareness Video

Speech

Day One - Sunday, May 4, 2025
from 15:15 to 15:30



Dr Ahmad Al-Shatti

Consultant physician in public health, in occupational and environmental medicine, senior lecturer faculty of medicine and faculty of public health at Kuwait University, & director of EMS Emergency Medical services

Speech

Day One - Sunday, May 4, 2025
from 15:30 to 15:45



Dr. Manal Azzi

Team Lead on Occupational Safety and Health
International Labour Organization

Speech

Day One - Sunday, May 4, 2025
from 15:45 to 16:00



Dr. Ivan Ivanov

Cross-cutting team leader,
Occupational and Workplace Health
World Health Organization (WHO)

Speech

Day One - Sunday, May 4, 2025
from 16:00 to 16:15



Professor Jason Lee

Director, Heat Resilience and
Performance Centre

National University of Singapore

Speech

Day One - Sunday, May 4, 2025
from 16:15 to 16:30



Professor Andreas Flouris

Professor of Physiology at the University
of Thessaly Department of Exercise
Science, Greece

Qs & As Session

Day One - Sunday, May 4, 2025
from 16:30 to 16:40

Q&A's Session

End of Side Event Activities

Heat Prevention and Heat Resilience Discussion

May 4th, 2025
16:40

Closing of Day One

16:40

Closing of Day
One

Scientific Program

Day 2 – May 5th, 2025

GLOBAL OCCUPATIONAL
SAFETY & HEALTH CONFERENCE

FUTURE OF OSH

Scientific Program of the **GOSH7** Conference – For Discussion Only, not for Sharing or Distribution.



MC & Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)

Day 2 (Monday May 5th, 2025)

2nd Day – Council's Hall

Keynote Speech 1



His Excellency Assistant Minister of Education
Eng. Mohammed Al-Ghamdi

Keynote Speech

Day Two - Monday, May 5, 2025
From 10:00 AM to 10:20 AM

Keynote Speech:

"The Importance of Collaboration Between Research Centers and the Private Sector in Advancing Research and Technologies as a Fundamental Pillar of Occupational Safety"

Introduction:

Proactive measures play a crucial role in reducing occupational accidents and minimizing risks in work environments. By implementing preventive strategies based on data and field studies, occupational safety can be enhanced, and employee well-being can be improved. This contributes to increased productivity and the creation of safer work environments.

Key Points:

1. Exploring the Mutual Benefits of Partnerships Between Research Centers and the Private Sector in Developing Modern Occupational Safety Technologies.
2. Analyzing Successful Partnership Models and Their Impact on Improving Performance and Innovation in Occupational Safety.
3. Discussing Challenges and Barriers to Collaboration Between the Two Sectors and Strategies to Overcome Them.
4. The Role of Scientific Research in Providing Innovative Solutions to Occupational Safety Challenges.
5. Strategies and Policies to Enhance Collaboration and Knowledge Exchange Between Research Centers and the Private Sector to Ensure Sustainable Technological Development.

Panel Discussion 1

Day Two - Monday, May 5, 2025
from 10:25 AM to 11:25 AM



Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)



Mr. Satam Al-Harbi
Deputy Minister for
Inspection and Work
Environment
Development
Ministry of Human Resources
and Social Development



Mr. Mohammed
Almulhim
Deputy Minister for
Licensing and Project
Coordination
Ministry of Municipal, Rural
Affairs, and Housing,



Major General Ajab Al-
Harbi
Assistant Director
General for Safety Affairs

Civil Defense



Mr. Ho Siong Hin

President
International Association
of Labour Inspection
(IALI)



Eng. Ibrahim bin
Abdulqader Al Abu Issa
Deputy Governor of
the Supreme Authority
for Industrial Security

Panel Discussion:

"Modern Monitoring Technologies for Risk Detection and Compliance Tracking in Work Environments"

Introduction:

Modern monitoring technologies play a crucial role in improving workplace environments by detecting risks and ensuring compliance with occupational safety and health standards. With the advancement of smart technologies and digitalization, more efficient and proactive monitoring systems can be implemented, enhancing worker protection and supporting the sustainability of work environments.

Key Discussion Points:

- Modern surveillance mechanisms for detecting occupational risks.
- Early warning systems and real-time response strategies.
- The role of data analytics in improving compliance with safety standards.
- Digital transformation applications in workplace inspection and monitoring.
- Integration between regulatory bodies to ensure effective workplace oversight.

Keynote Speech 2

Day Two - Monday, May 5, 2025
From 11:30 AM to 12:00 PM



Eng. Ghassan G. Abulfaraj

Vice President and
Chief Loss Prevention Engineer

Saudi Aramco

Keynote Speech:

“Aramco's Role in Promoting Occupational Safety, Health, and Employee Well-being and Preventing Losses”

Introduction:

Aramco's unwavering commitment to occupational safety and health is not driven by regulatory requirements; instead, it is the natural extension of the Company's belief that people are Aramco's greatest asset. Guided by its commitment to national duty and industry leadership, Aramco has adopted an integrated model that promotes a safe and healthy work environment for everyone with a focus on preventing accidents and losses before they occur. This model is implemented through smart technologies, strong and visible leadership, and a corporate culture that places people at the heart of its operations.

Discussion Points:

- Aramco's holistic approach to embracing occupational safety and health as part of its corporate strategy.
- Driving safety performance through digital transformation within operations and training.
- Collaboration and knowledge sharing as a lever to uplift the culture of occupational safety and health.
- The role of key performance indicators within the overall safety and health framework.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech 3



HE Eng. Omar Al-Quwaiz

Deputy Governor
Standards and Calibration at the Saudi
Standards, Metrology, and Quality
Organization (SASO)

Day Two - Monday, May 5, 2025
from 13:30 PM to 13:50 PM

Keynote Speech:

"International Regulations and Standards in Occupational Safety and Health: Challenges and Solutions"

Introduction:

International regulations and standards play a fundamental role in promoting occupational safety and health, providing legal frameworks and guidelines to ensure safe working environments. However, many countries and businesses face challenges in implementing these standards, necessitating the exploration of innovative solutions to achieve effective compliance and enhance worker protection.

Key Points:

- Legal Framework and International Standards: An overview of key global regulations and agreements in occupational safety and health.
- Challenges in Implementing Regulations: Major obstacles that organizations face in complying with international standards.
- Integration of Local and International Laws: Mechanisms for aligning national legislation with global standards to improve workplace safety.
- The Role of Technology in Compliance: Utilizing digital solutions to enhance adherence to standards and monitor work environments.
- Innovative Models and Solutions: Showcasing best practices and successful experiences in overcoming challenges related to implementing international regulations.

Panel Discussion 2

Day Two - Monday, May 5, 2025
from 13:55 PM to 14:55 PM



Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)



Dr. Jonathan DePierro
Associate Professor,
Psychiatry Associate Director,
Center for Stress, Resilience
and Personal Growth
Icahn School of Medicine at
Mount Sinai



Dr. Mehreen Mujtaba

Director Climate Change,
Nutrition and Health,
Ministry of National Health
Services Regulation &
Coordination, Islamabad



Dr. Saud Alomar

CEO

Tawazon Company



Dr. Justine Giddens

Occupational
Psychiatrist, Assistant
Professor of Psychiatry
University of Toronto



Dr. Manal Azzi

Team Lead on
Occupational Safety and
Health
International Labour
Organization

Panel Discussion:

"The Future of Occupational Safety and Health Beyond Traditional Work Environments: Modern Technologies and Strategies for Ensuring Mental and Physical Well-being"

Introduction:

With the evolution of work models and the emergence of new environments such as remote work, the digital economy, and open-space workplaces, it has become essential to redefine occupational safety and health. Risks are no longer confined to factories and traditional offices but have extended to psychological and physical challenges in non-traditional work settings.

Key Discussion Points:

- The impact of digital transformation on occupational safety.
- Managing psychological and physical risks in non-traditional work environments.
- Health and safety technologies for flexible and field-based work.
- The role of regulations and policies in protecting workers outside traditional settings.
- The integration of technology with occupational well-being.
- The future of work environments: balancing productivity and employee safety.

Keynote Speech 4



Mr. Joaquim Pintado Nunes

Branch Chief, Occupational Safety and Health and the
Working Environment
International Labour Organization (ILO)

Day Two - Monday, May 5, 2025
from 15:00 PM to 15:30 PM

Keynote Speech:

"Safety and Health Across Borders: Global Trends and Integrated Solutions"

Introduction:

In a world marked by increasing interconnectivity in labor markets and supply chains, occupational safety and health (OSH) issues have transcended national borders. This demands integrated solutions and effective global cooperation. This session will highlight key international trends in the field, explore ways to develop unified policies, share best practices, and strengthen worker protection systems across various sectors and countries.

Key Points:

1. Reviewing global trends in the development of occupational safety and health policies and legislation at the international level.
2. Analyzing shared challenges faced by countries in protecting workers within dynamic and cross-border work environments.
3. Discussing integrated solutions to enhance OSH systems through international cooperation and knowledge exchange.
4. Exploring the role of digital transformation and emerging technologies in creating safer and more sustainable work environments across sectors.

Roundtable: The Youth Challenge in OSH – Empowering the Workforce of Tomorrow

Day Two - Monday, May 5, 2025
from 15:35 PM to 17:00 PM

Roundtable: The Youth Challenge in OSH – Empowering the Workforce of Tomorrow

Opening Speech:

Day Two - Monday, May 5, 2025
from 15:35 PM to 15:50 PM



Dr. Ulrike Bollmann

Founder and President

European Network for Education & Training in
Occupational Safety and Health (ENETOSH)

Roundtable: The Youth Challenge in OSH – Empowering the Workforce of Tomorrow

Day Two – Monday, May 5, 2025
from 15:55 PM to 16:55 PM



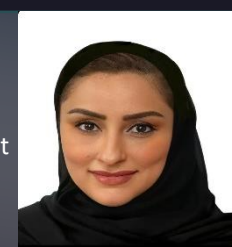
Mr. Joaquim Pintado Nunes

Branch Chief, Occupational Safety and Health and the Working Environment International Labour Organization (ILO)



Dr. Fahad Alqahtani

Chairman of Industrial Engineering Department
King Saud University



Dr. Hanadi Al Hokair

General Director of Female Enablement
Ministry of Human Recourses and Social Development



Ms. Eelaf Othman

Director of Elevate Program
KAUST



Ms. Raneem Alharthy

Health, Safety, and Environment (HSE) Specialist
Leaf Global Environmental Services



Eng. Montadar Alashoor

Environment, Health, and Safety (EHS) Specialist
Dow's Middle East Innovation Center



Dr. Ulrike Bollmann

Founder and President

European Network for Education & Training in Occupational Safety and Health (ENETOSH)

Round Table:

“The Youth Challenge in OSH – Empowering the Workforce of Tomorrow”

Participants:

ENETOSH, ILO, KSU, KAUST Elevate Program, OSH Graduates, and MHRSD

Moderator:

Dr. Ulrike Bollmann, Founder & President, ENETOSH

Introduction:

Saudi Arabia’s young generation faces a fast-changing world of work. How can education, innovation, and strong occupational safety and health frameworks support them in building a sustainable future? Join experts from the ILO, HRSD, KSU, KAUST, and emerging young leaders for an inspiring discussion on shaping tomorrow’s workforce.

End of Roundtable: The Youth Challenge in OSH – Empowering the Workforce of Tomorrow

May 5th, 2025
17:00

End of Day Two – Council's Hall

Closing of Day Two
(Council's Hall)

17:00 PM



MC & Moderator:
Eng. Munirah AlSubait

Head of LP Planning &
Performance Management
Saudi Aramco

Day 2 (Monday May 5th, 2025)

2nd Day – Future Hall

Keynote Speech 1



Mr. Stephen Klejst

Executive Director, U.S. Chemical Safety and Hazard
Investigation Board

Day Two - Monday, May 5, 2025
from 10:00 AM to 10:20 AM

Keynote Title:

"The BP Texas City Explosion: 20 Years Later. Have we applied what we learned from the incident"

Introduction:

Twenty years ago, the explosion of the hydrocarbon processing unit at BP's Texas facility became one of the most horrific industrial accidents in U.S. history, resulting in significant human and material losses. Despite the passage of two decades, the repercussions and lessons from that incident remain deeply ingrained in the global occupational health and safety community. In this address, Mr. Stephen Klejst examines whether we, as organizations and regulatory bodies, have truly applied the lessons learned from that tragic event.

Key Points:

- A comprehensive overview of the 2005 BP Texas explosion and its root causes.
- The evolution of chemical safety standards and procedures since the incident.
- The extent to which major industries have implemented recommendations from past investigations.
- Real-world examples of successes and failures in applying the lessons of the accident over the decades.
- The role of corporate leadership and safety culture in preventing disasters.
- Future trends in chemical accident investigations and their connection to occupational health and safety.

Panel Discussion 1

Day Two - Monday, May 5, 2025
from 10:25 AM to 11:25 AM



Professor Erik Hollnagel

Renowned Expert in Industrial Safety
and the Innovator Behind Concepts
such as Safety-I and Safety-II
Professor Emeritus LiU (S), ENSMP
(F), SDU (DK)



Ms. Pernille Thau

VP Human House Leadership
and OSH
Human House



Dr. Waddah S.
Ghanem Al Hashmi

Chairman
Platform for
Connected Leadership



Professor Richard
Heron

Visiting Professor,
Work, Health and
Organizations at the
University of Surrey,
UK



Mr. Erik Talley

Director of Health,
Safety, and
Environment at
KAUST

Panel Discussion Title:

"Contemporary Perspectives on Safety: Similarities and Contrasts"

Introduction:

The pursuit of safety in high-risk industries and complex organizations has long been an important priority for occupational safety and health professionals. In recent years, two distinct perspectives: Incremental Safety and Vision Zero have emerged as proposed answers to safety concerns and aspirations. While incremental strategies focus on continuous, data-driven refinements to reduce harm over time, Vision Zero adopts an uncompromising stance—asserting that all serious incidents are preventable and demanding systemic transformation. It is our hope that this meeting of great minds will plant the seeds for a long awaited paradigm shift in our view on safety for the precious workforce.

This esteemed panel will compare and contrast the two approaches. Can gradual, evidence-based safety enhancements coexist with the bold ambition of eliminating workplace fatalities and severe injuries? Or does Vision Zero's aspirational framework require a fundamental rethinking of traditional risk management?

Key Discussion Points:

- Introduction of the two approaches.
- What are the fundamental differences between these two perspectives.
- What is the practical feasibility of adopting these approaches to our region (hopes and challenges).
- How does each approach shape workforce attitudes—does Vision Zero inspire change or create fear, while Incremental Safety foster engagement or complacency?



Moderator:

Dr. Marwan Ahmed Behisi

Occupational Medicine
Consultant at Johns Hopkins
Aramco Healthcare (JHAH)

Speaker 1



Mr. Hans-Horst Konkolewsky
Former Secretary-General
International Social Security
Association (ISSA) President of the
International ORP Foundation

Day Two – Monday, May 5, 2025
From 11:30 AM to 12:00 PM

Speech Title:

“Towards a Paradigm Shift in Prevention”

Introduction:

The culture of occupational safety and health plays a crucial role in fostering safe and sustainable work environments. However, the greatest challenge lies in embedding this culture across different generations. Achieving this requires effective strategies that adapt to technological advancements and societal changes to ensure the continuity and improvement of safe practices over the long term.

Discussion Points:

- The concept and culture of safety across generations.
- Key challenges in building a safety culture.
- The role of education in instilling a safety culture.
- Strategies to enhance safety commitment across generations.
- Future vision and aspirations for building a global safety culture.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech

Day Two - Monday, May 5, 2025
from 13:30 PM to 13:50 PM



Mr. Mohammed bin Hassan Al Obaidli

Director-General

Executive Bureau of the Council of Ministers of Labour
and Ministers of Social Affairs in GCC States

Keynote Title:

"Importance of Regional Collaboration on Occupational Safety and Health"

Introduction:

In today's rapidly evolving work environments, occupational safety and health (OSH) has become a fundamental pillar for sustainable development, workforce well-being, and overall productivity. As occupational risks grow more complex and interconnected across borders, regional cooperation is no longer optional — it is essential. Through shared frameworks, knowledge exchange, and coordinated policies, Gulf Cooperation Council (GCC) countries have a unique opportunity to raise OSH standards, enhance compliance, and build safer, healthier workplaces for all. This collective effort reflects a shared commitment to protecting lives, supporting economic growth, and achieving long-term resilience in our labor markets.

Key Points:

- Enhancing regional alignment of OSH policies and standards.
- Strengthening the role of the GCC Executive Office in driving joint initiatives.
- Implementing the GCC OSH Strategic Framework to unify efforts.
- Promoting regional knowledge-sharing and best practice exchange.

Panel Discussion 2

Day Two - Monday, May 5, 2025
from 13:55 PM to 14:55 PM



Moderator:

Dr. Ali AlSeddiqi

Director General Advisor, Executive
Bureau of the Council of Ministers of
Labour and Ministers of Social Affairs in
GCC States



Mr. Mustafa A. Aldraihem
General Manager of Projects
and Strategic Transformation
National Council for
Occupational Safety and
Health



Mr. Khalifa S. Alshukaill
Director of the Safety
Department and Occupational
Health
Sultanate of Oman Ministry of
Labour



Mr. Mohammed Salem Sawad
Head of Occupational Health
and Safety Requirements
Department
Ministry of Human Resources
and Emiratization
United Arab Emirates



Mr. Saad R. Alnabet
Assistant Director of the
Occupational Safety and
Health Department
Ministry of Labour, Qatar



Mr. Mohammad Al-Ali
Senior Occupational Safety
Supervisor
Public Authority of Manpower
Kuwait



Mr. Hani Abbas
Mahfoodh
Chief, Occupational
Safety
Ministry of Labour
Bahrain

Panel Discussion Title:

“Gulf States Strategic Initiative on Occupational Safety and Health“

Introduction:

In light of the shared challenges facing work environments across the Gulf region, the Gulf Strategy for Occupational Safety and Health emerges as a unified framework to enhance worker protection and achieve sustainable development in the GCC countries.

Discussion Points:

1. The core pillars and shared objectives of the Gulf strategy among member states.
2. Proposed mechanisms for unifying legislation and standards across GCC countries.
3. The role of Gulf regulatory bodies in implementing the strategy and measuring performance.
4. Funding approaches and integration with the private sector and community initiatives.
5. Anticipated implementation challenges and proposed solutions.
6. Successful models and initiatives from Gulf countries that can be replicated.

Keynote Speech (Future Perspective)

Day Two - Monday, May 5, 2025
from 15:00 PM to 15:30 PM



Professor Erik Hollnagel

Renowned Expert in Industrial Safety and the Innovator
Behind Concepts such as Safety-I and Safety-II
Professor Emeritus LiU (S), ENSMP (F), SDU (DK)

Speech:

"The Transformation of Occupational Safety and Health Culture: The Concept of Incremental Safety"

Introduction:

Occupational safety is a fundamental pillar in ensuring safe and sustainable work environments. However, traditional methods of safety management are no longer sufficient to address the complexities of modern risks. Professor Erik Hollnagel introduced the concept of **(Incremental Safety)** as an advanced alternative that emphasizes enhancing adaptive systems rather than merely preventing accidents. This keynote will explore the theoretical foundations of Incremental Safety and its practical applications across various industries to create safer and more resilient workplaces.

Discussion Points:

- The concept of Incremental Safety vs. Traditional Safety.
- The difference between the two models in risk management and incident analysis.
- The role of technology and artificial intelligence in supporting Incremental Safety.
- The proactive safety approach: focusing on what goes right.
- The future of occupational safety under the Incremental Safety model.

End of Day Two – Future Hall

Closing of Day
Two (Future Hall)

15:30 PM

Roundtable: Employee Well-being Services in KSA: Laying the Foundations

Day Two - Monday, May 5, 2025
from 15:35 PM to 17:00 PM

Roundtable: Employee Well-being Services in KSA: Laying the Foundations

Day Two - Monday, May 5, 2025
from 15:35 PM to 15:45 PM



Dr. Abdulrahim Hussain Hewaidi

Well-being Consultant, NCOSH

Roundtable: Employee Well-being Services in KSA: Laying the Foundations

Day Two – Monday, May 5, 2025
from 15:50 PM to 17:00 PM



Dr. Jonathan DePierro
Associate Professor, Psychiatry
Associate Director, Center for Stress,
Resilience and Personal Growth
Icahn School of Medicine at Mount
Sinai



Dr. Kenji Saito
Global Medical Director
Owens Corning



Dr. Doaa Alsaleh MD, PhD, MSCR
Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)



Professor Yohama Caraballo-Arias
President
International Component Society of the
American College of Occupational
and Environmental Medicine (ACOEM)



Moderator:
Dr. Abdulrahim Hussain
Hewaidi

Well-being Consultant,
NCOSH

Roundtable:

“Employee Well-being Services in KSA: Laying the Foundations”

Introduction:

This roundtable discusses the essential foundations for developing employee well-being services in the Kingdom of Saudi Arabia, focusing on building a sustainable and healthy work environment that enhances productivity and supports employees' mental and physical health. Participants will explore global and local trends, best practices, challenges specific to the Saudi labor market, and the role of legislation and policies in supporting these initiatives.

Moderator:

Dr. Abdulrahim Hussain Hewaidi , Well-being Consultant, NCOSH

End of Roundtable: Employee Well- being Services in KSA: Laying the Foundations

May 5th, 2025
17:00

End of Day Two – Future Hall

Closing of Day Two
(Future Hall)

17:00 PM



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat

Day 2 (Monday May 5th, 2025)

2nd Day – Excellence Hall

Keynote Speech



Dr. Shabab bin Saad Alghamdi

Secretary-General
Council of Health Insurance (CHI)

Day Two - Monday, May 5, 2025
from 10:00 AM to 10:20AM

Keynote Speech Title:

“The Role of the Council of Health Insurance in Promoting Public Health and Emphasizing Prevention Through a More Comprehensive Insurance Policy, Particularly in Mental and Preventive Health”

Introduction:

In light of rapid health changes and the growing need for flexible and comprehensive healthcare systems, the Council of Health Insurance is working to redefine the role of health insurance to be more comprehensive, not limited to medical coverage alone, but rather focusing on promoting public health and prevention, particularly in the areas of mental health and proactive care. This is in line with the sustainability and quality of life goals of Saudi Vision 2030.

Discussion Points:

- The role of the Council of Health Insurance in promoting the concept of public health through health insurance.
- Focusing on prevention as a fundamental pillar of modern insurance policies.
- Integrating mental health services into insurance coverage in an effective and comprehensive manner.
- Expanding the scope of insurance to include preventive programs, early screening, and proactive care.

Panel Discussion

Day Two - Monday, May 5, 2025
from 10:25 AM to 11:25 AM



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat



Ms. Kholoud S. Alkubaisi

Executive Director
Worker's Support and
Insurance Fund, Qatar



Dr. Imad Aljahdali

Advisor

Jeddah Development
Authority



Dr. Hadi Al-Anazi

Executive Director of Planning
& Quality, Health and Life
Sector
Al-Tawuniya Insurance
Company



Dr. Sven Timm

Director of Central Prevention
Department
German Social Accident Insurance
(DGUV)

Panel Discussion:

"Social Insurance Programs and Their Role in Risk Prevention: International Experiences and Leading Models"

Introduction:

Social insurance plays a crucial role in protecting workers and enhancing occupational safety and health by providing financial and regulatory support to ensure safe and sustainable work environments. This session will explore international experiences in integrating insurance systems with occupational safety strategies, as well as the challenges and opportunities in improving workforce well-being.

Key Discussion Points:

- The role of social insurance in worker protection and occupational safety enhancement.
- International experiences in linking social insurance with occupational health and safety.
- Challenges faced by insurance systems in supporting workplace safety.
- The role of technology and innovation in advancing insurance and occupational safety systems.
- Future trends in strengthening collaboration between insurance institutions and organizations to promote safety.
- The importance of public-private partnerships in improving work environments and ensuring workers' rights.

Fireside Chat

Day Two - Monday, May 5, 2025
from 11:30 AM to 12:00 PM



Moderator:
Dr. Manal Azzi

Team Lead on Occupational Safety
and Health
International Labour Organization



Prof. Dr. Dietmar Bräunig

Professorship of
Management of Personal
Service Institutions
Justus Liebig University
Giessen



Professor Paul Frijters

Department of Social
Policy
London School of
Economics and Political
Science (LSE)

Fireside Chat Discussion:

"The Economic Cost of Workplace Accidents and Occupational Diseases: Implications for Economic Growth and GDP"

Introduction:

This bilateral discussion will explore the economic challenges posed by workplace accidents and occupational diseases, as well as their direct and indirect impact on economic growth and Gross Domestic Product (GDP). Experts in social policy and economics will provide strategic insights based on global experiences aimed at enhancing occupational safety and risk prevention.

Discussion Points:

- Analyzing the economic cost of workplace accidents and occupational diseases.
- The impact of these costs on economic growth and GDP.
- Preventive strategies and legislative measures to mitigate workplace risks.
- The role of innovation and scientific research in strengthening occupational safety.
- Global experiences and successful models in reducing workplace accidents and occupational diseases.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech

Day Two - Monday, May 5, 2025
from 13:30 PM to 13:50 PM



Dr. Jalees Razavi

Chair, Specialty Committee for Occupational Medicine, Royal College of Physicians and Surgeons of Canada President-Elect, Occupational Medicine Specialists of Canada
Adjunct Professor, Department of Medicine, Faculty of Medicine & Dentistry, College of Health Sciences, University of Alberta

Keynote Speech:

"Occupational Medicine vs. Public Health: Diverging Origins, Distinct Mandates, Different Populations"

Introduction:

At first glance, Occupational Medicine and Public Health may seem like natural allies—both concerned with prevention, both focused on population well-being. But beneath the surface, their origins, mandates, and target populations reveal clear and meaningful differences. This keynote by Dr. Jalees Razavi will explore those distinctions—not to separate for the sake of division, but to clarify roles, enhance collaboration, and protect the identity and purpose of each discipline. Occupational Medicine did not grow from the same soil as Public Health. It evolved alongside industry, labor systems, and legal frameworks—rooted in the unique relationship between health and work. Where Public Health addresses societies and populations, Occupational Medicine deals with the individual within the ecosystem of employment. Its concerns are functional recovery, risk management, work capacity, and the direct interface between a person's job and their health. It works in real time, under constraints, and often across the complex triangle of worker, employer, and regulator.

This session is not about blurred lines. It is about drawing the right ones—clearly, confidently, and constructively.

Key Points:

- The split: how Occupational Medicine and Public Health followed separate trajectories from their inception
- Why Occupational Medicine's framework must address both worker and employer within a system of mutual responsibility
- The emphasis on functional health, return to work, exposures and workplace adaptation—distinct from broader public health metrics.
- The economic and strategic rationale for treating Occupational Medicine as its own discipline with unique policy needs
- How recognizing these boundaries strengthens—not weakens—collaboration between the two fields

This address will challenge assumptions, clarify mandates, and advocate for a more accurate understanding of Occupational Medicine's place in modern health systems.

Panel Discussion 2

Day Two - Monday, May 5, 2025
from 13:55 PM to 14:55 PM



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat



Dr. Ulrike Bollmann

Founder and President -
European Network for
Education & Training in
Occupational Safety and
Health (ENETOSH)



Dr. Sebastian Straube

Director of Preventive
Medicine
Faculty of Medicine
University of Alberta



Datuk Haji Ayop Salleh

Executive Director
National Institute of
Occupational Safety and
Health (NIOSH), Malaysia



Ms. Kelly Nicoll

President
The Institution of
Occupational Safety and
Health (IOSH)



Mr. Steve McLaughlin

Chief Officer
NEBOSH

Panel Discussion:

"The Role of Training, Awareness, and Research in Building the Future of an Effective Occupational Safety and Health Culture"

Introduction:

Building a strong occupational safety and health culture is essential for creating safe and sustainable workplaces. Continuous training, comprehensive awareness, and advanced research play a pivotal role in embedding safety practices, reducing occupational risks, and strengthening the commitment of both employees and employers to safety standards. By leveraging these three pillars, a true transformation in safety culture can be achieved, ensuring safer and more productive work environments.

Key Discussion Points:

- The importance of training in developing occupational safety and health skills.
- Sustainable awareness as a tool for fostering a strong safety culture in workplaces.
- The role of research and innovation in enhancing occupational safety standards.
- Integrating training and awareness with legislation to ensure effective compliance.
- Challenges and opportunities in developing training and awareness programs for occupational safety.
- The future of occupational safety and health in the era of innovation and technological advancements.

Speaker 1



Prof. Dr. Dietmar Bräunig

Professorship of Management of
Personal Service Institutions
Justus Liebig University Giessen

Day Two - Monday, May 5, 2025
from 15:00 PM to 15:30 PM

Speech:

"The Return on Investment in Occupational Safety and Health Programs"

Introduction:

Occupational safety and health programs represent a strategic investment that mitigates risks, enhances productivity, and promotes sustainability. Measuring the return on investment (ROI) requires a precise methodology to ensure maximum value creation for organizations and employees alike.

Discussion Points:

- The concept of return on investment (ROI) in occupational safety and health.
- Methodologies for measuring ROI in safety, health, and workplace well-being.
- Maximizing value creation through occupational safety and health programs.
- Case studies and practical applications to prevent financial losses.
- Challenges and opportunities in strengthening ROI for safety, health, and workplace well-being professionals.

End of Day Two – Excellence Hall

Closing of Day Two
(Excellence Hall)

15:30 PM



Scientific Program

Day 3 – May 6th, 2025

GLOBAL OCCUPATIONAL
SAFETY & HEALTH CONFERENCE

FUTURE OF OSH

Scientific Program of the **GOSH7** Conference – For Discussion Only, not for Sharing or Distribution.



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat

Day 3 (Tuesday May 6th, 2025)

3rd Day – Council's Hall

Keynote Speech

Day Three – Tuesday, May 6, 2025
from 10:00 AM to 10:20 PM



Eng. Fuad Mosa

Deputy Minister of Localization and Local
Content, Risks Management at the

Ministry of Energy

Keynote Speech:

"Efforts of the Energy Sector to Enhance the Future of Occupational Safety and Health: Sustainability and Innovation"

Introduction:

This keynote explores the energy sector's efforts to enhance occupational safety and health (OSH) through sustainability and innovation. It highlights initiatives to improve workplace safety, integrate sustainable practices, and leverage technology for better OSH outcomes. The discussion also addresses challenges and outlines a vision for the future of OSH in the energy sector.

Key Points:

1. Energy Sector's Role in OSH: Initiatives by the energy sector to prioritize occupational safety and health in high-risk environments.
2. Sustainability in OSH: Integrating sustainable practices to enhance workplace safety and reduce environmental impact.
3. Innovation in OSH: Leveraging technology and innovation to improve safety standards and efficiency.
4. Challenges and Solutions: Addressing barriers to OSH implementation and proposing actionable strategies.
5. Future Vision: The energy sector's roadmap for advancing OSH through sustainability and innovation in the coming years.

Panel Discussion 1

Day Three – Tuesday, May 6, 2025
from 10:25 AM to 11:25 AM



Eng. Abdulhadi Alqarni
Chairman of the National Committee for Security and
Safety Systems
Chairman of the Safety Committee in the Riyadh
Chamber
CEO of Crash Group



Dr. Abdulghani Alsayegh
Chairman
The Saudi Labor Market Committee



Eng. Ahmad Alobaid
General Director of Compliance & Excellence for
Industrial Safety and Security
Saudi Water Authority



Moderator:

Eng. Ahmed Mohammed Ajabnoor

General-Secretary
Sustainability Council of Industry and
Mining

Panel Discussion's Title:

"Corporate Responsibility: Companies' Commitment to Achieving Sustainable Development Goals in Occupational Safety and Health: Experiences and Aspirations"

Introduction:

Corporate responsibility plays a vital role in enhancing occupational safety and health standards. Leading companies are committed to implementing sustainable practices that ensure a safe and healthy work environment. This session will explore common experiences and mutual aspirations in achieving sustainable development goals through effective leadership strategies.

Key Discussion Points:

- The role of corporate leadership in fostering a culture of occupational safety and health.
- Successful case studies of leading companies implementing corporate responsibility initiatives in safety.
- Challenges and opportunities in achieving sustainable development goals in the workplace.
- The impact of regulations and policies on corporate compliance with occupational safety and health standards.
- Innovation and technology as tools for enhancing safe and sustainable work environments.
- Public-private partnerships and sustainability efforts to support occupational safety.

Keynote Speech



Dr. Khalid Aleissa

CEO
Nuclear and Radiological Regulatory
Commission (NRRC)

Day Three – Tuesday, May 6, 2025
From 11:30 AM to 12:00 PM

Keynote Speech:

“Regulatory Framework, Laws, and Standards for Radiation Protection of workers”

Introduction:

This keynote explores the regulatory framework, laws, and standards for radiation protection of workers in nuclear and radiological environments. It highlights measures to safeguard workers, challenges in enforcement, and innovative solutions to improve compliance. The discussion also outlines a forward-looking vision to enhance safety protocols in line with global advancements.

Key Points:

- Regulatory Framework: Overview of the regulatory framework designed to protect workers from radiation hazards.
- Laws and Standards: Key laws and international standards adopted to ensure radiation safety in the workplace.
- Worker Protection Measures: Specific measures and protocols implemented to safeguard workers in nuclear and radiological environments.
- Challenges in Radiation Safety: Addressing challenges in enforcing radiation protection laws and ensuring compliance.
- Future Directions: Vision for enhancing radiation protection standards and practices in alignment with global advancements.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech



Eng. Rayan F. Alzoreki

Deputy Secretary-General
National Council for Occupational
Health and Safety (NCOSH)

Day Three – Tuesday, May 6, 2025
from 13:30 PM to 13:50 PM

Keynote Speech:

“The Role of the National Council of Occupational Safety and Health in Advancing OSH in the Kingdom”

Introduction:

It focuses on the critical role played by the (NCOSH) in promoting and enhancing workplace safety and health standards across the Kingdom. It highlights the Council's mission, strategic initiatives, and collaborative efforts with government entities, private sector organizations, and international bodies to ensure a safe and healthy working environment for all employees in alignment with Saudi Vision 2030. The discussion will also explore the challenges faced in implementing Occupational Safety and Health (OSH) standards in the Kingdom and the innovative solutions being adopted to address these issues.

Discussion Points:

- Role of NCOSH in Shaping OSH Policies in KSA.
- Advancing OSH Standards in High-Risk Sectors.
- Challenges in OSH Implementation.
- Innovation and Technology in OSH.
- Future Directions for OSH in KSA.

Panel Discussion 2

Day Three – Tuesday, May 6, 2025
from 13:55 PM to 14:40 PM



Prof. Dr. Lutfihak Alpkhan
Deputy Minister
Ministry of Labour and
Social Security, Türkiye



Dr. Ahmad Kawesa
Sengendo
Assistant Secretary-General
for Economic Affairs
Organization of Islamic
Cooperation (OIC)



Mr. Mohamed El Zarkani
Resident Coordinator in
the Kingdom of Saudi
Arabia
The United Nations



Dr. Christopher Herbst
GCC Program Leader and
Senior Health Specialist
World Bank



Professor Paul Frijters
Department of Social Policy
London School of
Economics and Political
Science (LSE)



MC & Moderator:

Ms. Anita Mendiratta

Global strategic advisor,
author, & diplomat

Panel Discussion Title:

"The Future of Investment in Occupational Safety and Health"

Introduction:

This panel discussion aims to highlight the importance of regulating occupational safety and health standards as a key factor in attracting diverse investments. The session will explore investment opportunities in modern technologies and their role in developing safe and sustainable work environments. It will also emphasize how these efforts support sustainable development and advance the Kingdom's Vision 2030.

Key Discussion Points:

1. Enhancing the investment environment in the Kingdom and its role in achieving Vision 2030.
2. The impact of occupational safety and health standards on the sustainability of investments.
3. A future vision for global investment: Innovation and sustainability as key pillars in occupational safety and health.
4. The importance of international cooperation in developing investment policies and joint efforts.
5. Innovation and sustainability as fundamental pillars for the future of global investment.

Announcement of the Hackathon Winners – Sponsorship Awards

14:45

Hackathon Winners in the
Council's Hall, & Sponsorship
Awards

End of Day Three – Council's Hall

15:30
Closing of Day Three
(Council's Hall)



MC & Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)

Day 3 (Tuesday May 6th, 2025)

3rd Day – Future Hall

Keynote Speech 1

Third Day - Tuesday, May 6, 2025
From 10:00 AM to 10:20 AM



Mr. Mike Goddu

Founder and Managing Director of Major Capital Projects

JMJ

Keynote Speech:

“The Role of Leadership in Promoting Positive Behaviors Toward Occupational Safety and Health”

Introduction:

Safety performance worldwide has improved for operating companies and their contractors. However, incidents persist. HSE specialist and officers have an important role to play in ensuring the systems are in place and workers and operators are trained and comply.

World-class operators and global contractors have invested in recent years in develop the capability of safety leadership, commensurate with improvements in HSE management. Leaders who visibly inspire, set positive examples, focus on what they want to see more of, not just point out shortcomings and hazards are able to get high performance from their supervisors and workforce.

This presentation will define effective and transformational Safety Leadership, provide examples of successes and inspire the audience to take specific, positive steps in improving occupational safety in their workplaces.

Panel Discussion 1

Third Day - Tuesday, May 6, 2025
From 10:25 AM to 11:25 AM



Dr. Yasser I. Al Obaida
CEO
Sudair Pharma



Prof. Seong-Kyu Kang
President
International Commission on
Occupational Health (ICOH)



Datuk Haji Ayop Salleh
Executive Director of the
National Institute of
Occupational Safety and
Health (NIOSH),
Malaysia.



Dr. Ivan Ivanov
Scientist and Cross-cutting
Lead of Occupational and
Workplace Health at the World
Health Organization (WHO)



Dr. Abdulrahman Alshaya
Chairman of
Collaboration and
Partnerships Department
at (KAIMRC)



Professor Jason Lee
Director, Heat Resilience and
Performance Centre
National University of
Singapore



Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)

Panel Discussion:

"The Future of Collaborative Research in Occupational Safety and Health: Experiences and Approaches for Developing Research Partnerships Between Academics and Practitioners"

Introduction:

Collaborative research between academics and practitioners in occupational safety and health serves as a cornerstone for developing safer and more sustainable work environments. This partnership bridges the gap between theoretical research and practical applications, leading to the innovation of effective solutions to address emerging occupational hazards. This session will explore leading experiences, challenges, and mechanisms to strengthen research partnerships, ensuring sustainable progress in this field.

Key Discussion Points:

1. Successful International Experiences in University-Industry Collaboration
2. Challenges Facing Collaborative Research and Ways to Enhance Its Effectiveness
3. The Role of Technology and Digital Analytics in Supporting Applied Research
4. Sustainable Funding Models for Research Projects in Occupational Safety and Health
5. Strategies to Strengthen Integration Between Academics and Practitioners for Field Application of Research Findings

Speech 1

Third Day - Tuesday, May 6, 2025
From 11:30 AM to 12:00 PM



Dr. Manish Arora
Co-Founder & CEO
LinusBio

Keynote Speech:

“AI and Robotics Enabled Exposure Monitoring for Precision Occupational Medicine”

Introduction:

Occupational exposure monitoring is an essential component of maintaining worker health and preventing disease. A major challenge has been to develop a unified platform to efficiently monitor a large number of exposures across different work environments. Recent advances in Artificial Intelligence and Robotics allow the development of modern laboratory tests that can generate thousands of data points non-invasively to characterize worker exposures. Dr. Manish Arora, CEO of Linus Biotechnology, New York, USA, will present the groundbreaking technology that can monitor worker exposure and health from a single strand of hair collected non-invasively.

Key Points:

- AI-enabled exposure monitoring will revolutionize Occupational Exposure Assessment.
- The new hair assays can measure thousands of exposures and enable Precision Occupational Medicine.
- Worker time is preserved and cost is minimized by using non-invasive hair testing as opposed to blood testing.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech 2

Third Day - Tuesday, May 6, 2025
From 13:30 PM to 13:50 PM



Dr. Toshihiro FUJITA

Chair of GISHW Executive Committee, & Director of
the Institute of Global Safety Promotion, Japan

Keynote Speech:

"The Global Initiative for Safety, Health, and Well-being at the EXPO2025 and BEYOND (GISHW)"

Introduction:

The Chairman of the Executive Committee will deliver a keynote speech titled "GISHW", focusing on the organization's mission to advance occupational safety, health, and well-being in the workplace. The speech will highlight GISHW's strategic initiatives, collaborative efforts, and innovative approaches to creating safer and healthier work environments. It will also address challenges and outline a forward-looking vision for the future of workplace safety.

Key Points:

1. GISHW's Mission and Vision: Overview of GISHW's goals to enhance occupational safety, health, and well-being globally.
2. Strategic Initiatives: Key programs and projects led by GISHW to improve workplace safety standards.
3. Collaboration and Partnerships: The importance of partnerships with governments, industries, and organizations to achieve OSH goals.
4. Innovation in OSH: Leveraging technology and innovation to address workplace safety challenges.
5. Future Outlook: GISHW's vision for the future of occupational safety and health, including emerging trends and opportunities.

Panel Discussion 2

Third Day - Tuesday, May 6, 2025
From 13:55 PM to 14:40 PM



Moderator:
Dr. Doaa Alsaleh

Physician Scientist King Abdullah
International Medical Research
Center (KAIMRC)



Ms. Sarah Albon
Chief Executive
Health and Safety
Executive (HSE)



Mr. Haji Mohd Hatta
bin Zakaria
Director-General
Department of
Occupational Safety and
Health (DOSH Malaysia)



Ms. Nicole Greeson
President
American Industrial
Hygiene Association
(AIHA)



Mr. Francesco Santi
President
ENSHPO



Dr. Winson Yeung
Principal Consultant
Occupational Safety
and Health Council,
Hong Kong



Dr. Olivier Lo
Group Medical
Director
Occupational Health
Services,
International SOS

Panel Discussion Title:

"Shaping the Future of OSH: Economics, Research, and Innovation"

Introduction:

This panel discussion brings together leaders of international OSH organizations to explore the future of occupational safety and health. The discussion will focus on the intersection of economics, research, and innovation in shaping OSH practices, addressing global challenges, and driving sustainable solutions for safer workplaces.

Key Points:

1. The Economic Impact of OSH: How investing in workplace safety drives productivity and reduces costs.
2. Research-Driven OSH Solutions: The role of data and research in shaping future OSH policies and practices.
3. Innovation in OSH: Leveraging technology and innovation to transform workplace safety.
4. Global Collaboration for OSH: The importance of international partnerships in addressing OSH challenges.
5. Sustainable OSH Practices: Integrating sustainability into occupational safety and health strategies.

Announcement of the Hackathon Winners

14:45

Hackathon
Winners in the
Council's Hall

End of Day Three – Future Hall

14:45
Closing of Day Three
(Future Hall)



MC & Moderator:
Eng. Munirah AlSubait

Head of LP Planning &
Performance Management
Saudi Aramco

Day 3 (Tuesday May 6th, 2025)

3rd Day – Excellence Hall

Keynote Speech 1

Third Day - Tuesday, May 6, 2025
From 10:00 AM to 10:20 AM



Mr. Sabin Dima

Founder

Humans.ai

Keynote Speech:

“AI Guardians: Transforming Occupational Safety and Health in the Digital Age”

Introduction:

Artificial Intelligence is reshaping how we protect workforce health and safety—shifting from reactive responses to proactive, intelligent prevention. By embedding AI into national systems, we’re enabling real-time monitoring, personalized health support, and early risk detection. These AI-driven solutions are silently powering safer workplaces and smarter decision-making across the country.

Key Points:

- Predicting Risks Before They Happen
AI identifies hazards early through data modeling and real-time surveillance—preventing incidents before they occur.
- AI-Powered Workforce Support
Digital agents provide 24/7 monitoring, assessments, and coaching—enhancing human capabilities and extending reach.
- Personalized Safety at Scale
AI delivers health and safety guidance tailored to individual needs—driving higher engagement and outcomes.
- Connected Safety Ecosystems
Integrated AI platforms break silos, enabling smarter decisions and more responsive safety strategies.

Panel Discussion 1

Third Day - Tuesday, May 6, 2025
From 10:25 AM to 11:25 AM



Eng. Thamer Aldhafiri
Co-founder & CEO
Cipher



Mr. Pablo R. Nieto
Executive Vice President,
ORP International
Foundation & CFO at
ETG Holding



Dr. Winson Yeung
Principal Consultant
Occupational Safety
and Health Council,
Hong Kong



Dr. Wim Delva
Founder and Managing
Director of Wimmy
Wimmy



Mr. Prakash Senghani
CEO and Co-Founder
NavaTech Group



Moderator:

Mr. Gregory Vines

Consultant for H.E. the Minister,
and Vice Ministers of MHRSD

Panel Discussion:

"The Big Data Revolution in the Workplace: Predicting Risks Before They Occur"

Introduction:

With the increasing volume of data in workplaces, big data has become a powerful tool for predicting risks before they occur. Advanced data analytics enable organizations to enhance safety strategies and make proactive decisions to protect workers and create safer work environments.

Key Discussion Points:

1. The Role of Big Data and Advanced Analytics in Developing More Effective Occupational Safety Policies and Procedures.
2. How Smart Sensors and IoT Systems Monitor Environmental Conditions and Prevent Accidents.
3. Utilizing Virtual Reality (VR) and Augmented Reality (AR) Technologies to Train Workers on Safety Procedures.
4. Overcoming Challenges of Integrating Digital Systems with Traditional Infrastructure in Aramco.
5. The Importance of Enhancing Cybersecurity to Ensure the Sustainability and Efficiency of Digital Solutions in Occupational Safety

Speech 1



Dr. Noor Hassim Ismail

Faculty of Medicine and Health Sciences, University Putra
Malaysia

Day Three – Tuesday, May 6, 2025
from 11:30 AM to 12:00 PM

Keynote Speech:

“Recent Changes to Malaysia’s Occupational Safety and Health Act”

Introduction:

Exploring the recent amendments to Occupational Safety and Health Act 2022 in Malaysia, the objectives, the reasons for changes. The perspective of occupational Safety and Health law in Malaysia and the potential impact of the amendment of the law to the country will be discussed during this speech.

Key Points:

- OSHA 1994, OSHA (Amendment) 2022.
- Factories and Machinery Act 1967 and the advantages and challenges of the amended law.

Break

Break from 12:00 PM to 1:30 PM

Break Duration

90 minutes

Keynote Speech 3

Day Three – Tuesday, May 6, 2025
from 13:30 PM to 13:50 PM



Dr. Jack Caravanos

Board Member of The American Conference of
Governmental Industrial Hygienists (ACGIH)
Professor Emeritus (CUNY-SPH)
Adjunct Professor (NYU-Global Public Health)

Keynote Speech:

“The Global Burden of Occupational Health Disease Among the Informal Workforce in Low and Middle Income Countries”

Introduction:

Many low- and middle-income countries are witnessing a significant rise in informal employment, where workers often operate in environments lacking basic occupational health and safety standards. With the expansion of global trade, this workforce now faces serious health challenges due to weak oversight and insufficient regulation. This discussion examines the global burden of occupational diseases among informal workers, focusing on the root causes, the most affected sectors, and potential solutions to improve their health and safety conditions.

Key Points:

- Global commerce has increased reliance on the informal work force which is often poorly monitored and regulated. As such Occupational Health Disease is rising in LMICs
- Used Lead Acid Battery recycling, artisanal gold mining and e-waste processing has accelerated rapidly and poses new occupational health threats to the informal workforce
- While the formal workforce has seen impressive gains in occupational safety and health, the less monitored and often invisible informal workforce is largely ignored.
- How can modern occupational health practice be redirected to improve health and safety in the informal workplace?

Panel Discussion 2

Third Day - Tuesday, May 6, 2025
From 13:55 PM to 14:40 PM



Moderator:
Dr. Abdulrahim Hussain
Hewaidi

Well-being Consultant,
NCOSH



Dr. Kenji Saito
Global Medical Director
Owens Corning



Mr. Yasser Al-Mazrou
Consultant in Employee
Well-being Services



Professor Yohama
Caraballo-Arias
President
International Component Society of
the American College of Occupational
and Environmental Medicine (ACOEM)



Dr. Rehab AlMofleh
Director of Employee
Experience and
Engagement, Wellbeing
Manager at Alinma
Bank



Dr. Justine Giddens
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Panel Discussion:

"Strategies for Enhancing Mental Health and Well-being in Workplaces: From Theory to Practice"

Introduction:

Mental health and well-being in the workplace have become essential elements in enhancing productivity and professional sustainability, as psychological stress impacts performance and overall job quality. Transitioning from theory to practice requires comprehensive strategies that encompass organizational policies, technology, and corporate culture to ensure supportive work environments. This session will discuss effective mechanisms for transforming theoretical concepts into practical applications that promote employee well-being and sustain organizational performance.

Key Discussion Points:

1. Mental Health in Work Environments: Between Individual and Organizational Impacts.
2. The Effect of Occupational Stress and Mental Fatigue on Performance and Productivity.
3. Designing Institutional Policies to Support Mental Health and Workplace Well-being.
4. The Role of Technology and Artificial Intelligence in Monitoring and Enhancing Employee Mental Well-being.
5. Challenges in Implementing Workplace Mental Health Programs and Strategies to Overcome Them.
6. Successful International Models and Experiences in Promoting Mental Health in Work Environments

Announcement of the Hackathon Winners

14:45

Hackathon
Winners in the
Council's Hall

End of Day Three – Excellence Hall

14:45
Closing of Day Three
(Excellence Hall)



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