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SAUDI ARABIA

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Messe Frankfurt Exhibition GmbH

3 – 5 October, 2023
Riyadh, KSA



Organised by
TARABIA

Fire Safety & Technology Summit

AGENDA | 3rd & 4th OCTOBER

Central Themes:

- Updates on systems, regulations and techniques
- Technology and AI to manage emergency situations
- EV fires and ways to combat them
- Planning, control and crowd management for disaster response
- The role of education and its relationship to safety
- Preparedness and emergency response
- Safety and sustainability

Preliminary Agenda

Day One – 3rd October 2023, Tuesday

12:00	Registration & Networking
13:15	Patron Keynote Session Confirmed speaker: <ul style="list-style-type: none">• Major General Dr. Hamoud bin Suleiman Al-Faraj, General Directorate of Civil Defense Saudi
13:30	Keynote address: Dubai Civil Defense Readiness program Confirmed speaker: <ul style="list-style-type: none">• His Excellency Lieutenant General Expert Rashid Thani Rashid Al Matrooshi, General Directorate of Civil Defense Dubai
13:40	Tech Talk: Emissions reduction during/following fires Confirmed speaker: <ul style="list-style-type: none">• Major Essa Al Mutawaa, Head of the Readiness Room, The General Directorate of Civil Defense in Dubai, UAE
13:55	The necessity of listed equipment in fire protection systems Confirmed speaker: <ul style="list-style-type: none">• Eng. Khalid Al Khatib, Group CEO, NAFFCO
14:15	Panel discussion – Effective and transformational leadership for today's dynamic fire and emergency response departments Moderator: <ul style="list-style-type: none">• Ghaith Bakir, Senior Regulatory Engineer, UL Solutions, UAE Confirmed speakers: <ul style="list-style-type: none">• Dominic Ellis, Deputy Commissioner, London Fire Brigade (LFB), UK• Tom Reher, Chief of Fire, Glinde Fire Brigade, Germany• Jacques Du Plessis, Emergency Response and Training Director, Saudi Sicli, KSA

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	<ul style="list-style-type: none">Paul Murphy, Area Manager (National Resilience Lead Officer), Merseyside Fire & Rescue Service, UK
15:05	Prayer Break
15:15	The pioneering role of the Salama Program in implementing civil defense systems and regulations Confirmed speaker: <ul style="list-style-type: none">Col. Ayedh bin Saeed Al Farea, General Directorate of Civil Defense Saudi
15:30	Emerging Trends in Standards and Regulations - SASO <ul style="list-style-type: none">Strategic roadmap to support technologies and services by StandardsEmpowering the national economy by StandardsSafety and sustainability enhanced by standardsBuilding Safe & Resilient Future CitiesBoosting AI through Standards Confirmed speaker: <ul style="list-style-type: none">Saad S. Alhatem, Director General of Standards Dept, Saudi Standards, Metrology and Quality- SASO
15:45	Proposed electronic platform to automate safety work and procedures Confirmed speaker: <ul style="list-style-type: none">Lt. Col. Eng. Fares Badr, General Directorate of Civil Defense Saudi
16:00	The role of modern technologies in enhancing civil defense capabilities in emergency situations Confirmed speaker: <ul style="list-style-type: none">Col. Sati bin Jumhan Al-Otaibi, General Directorate of Civil Defense Saudi
16:15	Applications of Artificial intelligence in Emergency and disaster management Confirmed speaker: <ul style="list-style-type: none">Colonel Muhammad bin Qablan Al-Nakhali, General Directorate of Civil Defense Saudi
16:30	Fire safety concerns with small, medium and large-scale lithium-ion battery applications in buildings Lithium-ion batteries (LIB) have become the dominant technology thus it is important to systematically consider their impact on fire safety inside buildings, especially since electrification is a critical part of the effort to limit climate change. Confirmed speaker: <ul style="list-style-type: none">Dominic Ellis, Deputy Commissioner, London Fire Brigade (LFB), UK

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16:50	<p>Presentation: Fireproofing the Future – Electric Vehicles, scooters and battery storage systems</p> <p>The recommended procedure for fighting fires in electric vehicles, operational considerations when trying to extinguish a Lithium-ion battery and learning about the major factors that are contributing to these serious incidents</p> <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Dr Eng. Szymon Ptak, Fire Officer & Researcher, State Fire Service of Poland
17:10	<p>National Resilience</p> <ul style="list-style-type: none">• National Resilience• National Resilience Assurance• UKFRS National Co-ordination and Advisory Framework• The New Dimension Programme <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Paul Murphy, Area Manager (National Resilience Lead Officer), Merseyside Fire & Rescue Service, UK
17:30	<p>Fire Risk Management FRM System</p> <ul style="list-style-type: none">• Why fire risk management system (FRM) is essential?• Understanding the roles and responsibilities of the stakeholders.• Determining the Scope of the FRM system.• 6 elements to build a competent FRM System. <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Faris Alzahrani, Fire Protection Section Head, National Water Company, KSA
17:50	<p>Fire & Life Safety DIIM Philosophy – Design, Install, Inspect, Maintain/Manage</p> <p>A deep dive into the DIIM elements for Fire and Life Safety systems – A winning philosophy for mega projects in the Kingdom</p> <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Sajid Raza, CEO, Butler Engineering ME, The Fire Consultants
18:10	Closing remarks

Day Two – 4th October, Wednesday

11:30	Opening remarks from the chairperson
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	Sajid Raza, CEO, Butler Engineering (ME), The Fire Consultants
11:35	VR and AR training for Fire Departments/Services (Case Study) <ul style="list-style-type: none">• Advantages and limitations• Use case and application• Regulatory recognition, approval and adoption• Future Road map Confirmed speaker: <ul style="list-style-type: none">• Mohamed AlSayed, Director - Rescue & Firefighting Services, Bahrain Airport Company, Bahrain
11:55	Challenges in Fire Safety for Women Confirmed speaker: <ul style="list-style-type: none">• Eng. Hanan Al Mohammad, Occupational Safety & Health Consultant, KIOSH COMPANY
12:15	Early detection of forest fires using artificial intelligence and the Internet of Things Confirmed speaker: <ul style="list-style-type: none">• Col. Eng. Khaled Al-Mutairi, General Directorate of Civil Defense Saudi
12:30	The Influence of Technology on Emergency Services – Past, Present and Future Confirmed speaker: <ul style="list-style-type: none">• Jacques Du Plessis, Emergency Response and Training Director, Saudi Sicli, KSA
12:50	Planning for disaster and crisis risk management Confirmed speaker: <ul style="list-style-type: none">• Colonel Dr. Muhammad bin Munahi Al-Daajani, General Directorate of Civil Defense Saudi
13:05	Industry focus panel discussion: Emergency Preparedness and Response for Giga projects <p>With the many complex projects under construction in Saudi, it is very crucial to understand how to prepare and train for emergencies and the hazards to be aware of when an emergency occurs</p> Moderator: <ul style="list-style-type: none">• Sajid Raza, CEO, Butler Engineering (ME), The Fire Consultants Confirmed speakers: <ul style="list-style-type: none">• Eiad Shami, Senior Consultant – Fire & Life Safety – Middle East, WSP, KSA• Steve Apter QFSM, Director of Response, Red Sea Global Fire & Rescue, KSA• Peter Stephenson, Director – Fire Safety Division, Hydrock

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13:50	Deploying emergency units in disasters Confirmed speaker: <ul style="list-style-type: none">Colonel Eng. Ahmed bin Khalaf Al-Saadi, General Directorate of Civil Defense Saudi
14:05	Enhancing Civil Defense Authority: Leveraging Certified Consultants for Safe and Efficient delivery of 2030 Saudi Vision Giga Projects This panel discussion will delve into the crucial domain of certified Saudi civil defense Fire and life Safety consultants within the context of the ambitious 2030 Saudi Vision Giga Projects. These monumental undertakings encompass a wide range of developments, including infrastructure and building structures that require the highest standards of safety to protect lives and assets. The discussion will spotlight the pivotal role of certified Saudi civil defense Fire & Life Safety consultants in elevating fire and life safety measures and permitting processes ensuring both efficiency and fire safety in the execution of these groundbreaking designs and constructions Confirmed speakers: <ul style="list-style-type: none">Abdullah Faza, Director of Fire Life Safety, AESG, UAEDr Joanne Knox, Technical Director Fire Life Safety, AESG, UAEAli Alshamrani, Project Development Director, RUA Al Madinah HoldingMohamad BinAgil, Associate Project Director, Diriyah
14:35	Presentation: Combustible Dust Particles Confirmed speaker: <ul style="list-style-type: none">Col. Muhammad Yahya Al-Ghamdi, General Directorate of Civil Defense Saudi
14:50	Presentation – Product certification and safety science Advancing the journey to product certification for the Saudi Arabia market while improving customer access to a local test solution Confirmed speaker: <ul style="list-style-type: none">Ghaith Bakir, Senior Regulatory Engineer, UL Solutions, UAE
15:10	Prayer break
15:20	Networking project for facilities Confirmed speaker: <ul style="list-style-type: none">Brigadier General Walid bin Sami Abu Shanab, General Directorate of Civil Defense Saudi
15:35	Panel discussion: Competency when working at height, managing your workforce Conducting a thorough Risk Assessment is a crucial step in planning any work activity. It helps identify potential hazards, evaluate risks, and implement appropriate control

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	<p>measures to ensure the safety of workers and the success of the project. stepping through some key considerations that our team of experts should account for during the Risk Assessment</p> <p>Confirmed speakers:</p> <ul style="list-style-type: none">• Jason Woods, Regional Manager – Middle East & South Asia, International Powered Access Federation (IPAF), UAE• Abdullah Al-Ghamdi, Chairman, Society of Occupational Safety Health, Saudi Arabi, KSA• Ahmed Trabelsi, Centre Director, Saudi Petroleum Services Polytechnic (SPSP), KSA
16:05	<p>Technological disasters resulting from natural hazards and disasters</p> <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Colonel Khaled bin Mashouh Al-Anazi, General Directorate of Civil Defense Saudi
16:20	<p>Prospects for Safety in the Context of Sustainable Development Goals</p> <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Col. Dr. Riyadh bin Muhammad Al-Shehri, General Directorate of Civil Defense Saudi
16:35	<p>Various Approaches to Fire Testing of Tunnels</p> <p>Confirmed speaker:</p> <ul style="list-style-type: none">• Dr. Sebastian Ukleja, Testing Manager, ESL Global - Testing & Certification
16:55	<p>Presentation – Fire Testing</p> <p>Importance of fire testing and the use of testing as an effective prevention strategy for fire hazards</p> <p>Confirmed speakers:</p> <ul style="list-style-type: none">• Abdullah Hussain Al Ghamdi, Manager, GCC Lab Fire & Safety, KSA
17:15	<p>Closing remarks</p>