



الإتحاد العربي للأسمدة
Arab Fertilizer Association
Since 1975



نقابة المهندسين الأردنيين
Jordan Engineers Association

First Jordanian International Chemical Process Safety

Virtual Conference Conference Program 2021

Partners:



International Research Center
for Water, Environment & Energy



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Organization:



المعهد العربي لعلوم السلامة
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البنك الإسلامي الأردني



Day 1 – March 30th 2021



Session 1 – Chair: Yacoub Bani Taha

Time	Speaker	Title
13:00 – 13:30	Trish Kern Director, IChemE Safety Centre, UK, Australia	Human performance in the process safety and guidelines for human related accident prevention
13:30 – 14:00	Shakeel H. Kadri Executive Director & CEO, CCPS, USA	Roadmap to Process Safety Excellence
14:00 – 14:15	David Hatch Process Hazard Analyst, PSI, UK	Process Safety Cards - A Good Deal Safer
14:15 - 14:30	Christopher Coles Associate Director, Industrial Professor, University of Alberta, Canada	Undergraduate Risk Based Process safety Curriculum at the University of Alberta
14:30 - 14:45	Tijs Koerts Operation Director, EPSC, Netherlands	Effective Learning from Incidents
14:45 - 15:00	Sara Perelli Senior Process Safety Consultant, DEKRA Italia S.R.L, Italy	Ten Myths of Dust Zoning
15:00 - 15:15	Balan Karthikeyan PSM Consultant, PRISM Consultants, India	What's going wrong in Process Safety Management – 36 years after Bhopal?
15:15 - 15:30	Ali Hennaoui Board Member at the Order of Engineers and Architects, Lebanon	Beirut Port Explosion of Aug 04 2020: Buildings Final Structural Assessment Report
15:30 – 15:40	Open Discussion	

Day 1 – March 30th 2021



Session 2 – Chair: Prof. Mohammad Matouq

Time	Speaker	Title
15:40 – 16:10	Tony Lundell Senior Director of Standards and Safety, IIAR, USA	IIAR Standards & Safe Ammonia Refrigeration Management Practices
16:10 - 16:25	Delphine Laboureux Associate Professor, Von Karman Institute for Fluid Dynamics, Belgium	The Beirut Ammonium Nitrate explosion (consequence modelling, analysis, lesson learned)
16:25 - 16:45	Angus Keddle Director, Process Safety Matters Ltd, UK	Process Safety: Keeping the Peace in a post war Age
16:45 - 17:00	Mohammad Matouq Director, IRCWEE at Balqa Applied University, Jordan	GIS Application in Safety and Disaster Management Incident: Case Study of Bromine Factory Gas Dispersion Model
17:00 - 17:15	Maren Mellendorf Environmental Specialist, UNIDO	Green Chemistry and Industrial Safety
17:15 - 17:30	Nina Jildeh Quality Assurance Consultant, M.Sc. Chemical Engineering and Polymer Technology, Jordan	Process Safety Management Strategies and Risk Assessment
17:30 - 17:50	Ken Reed General Manager, TAPROOT System Improvements Inc, USA	Excellence of taproot methodology over the other incident investigation techniques
17:50 – 18:00	Open Discussion	
18:00 - 18:15	Break	

Day 1 – March 30th 2021



Session 3 – Chair: Dr. Sami Amarneh and Mohammad Ali

Time	Speaker	Title
18:15 – 18:45	Stewart W. Behie Interim Director of MKOPSC at Texas A&M University, USA	The Business Case for Process Safety: Basic Foundational Requirements to Achieve Success
18:45 – 19:00	Gianluca Zanon Junior Process Safety Engineer, DEKRA Italia S.R.L, Italy	QRA: Best Practices and Limitations
19:00 – 19:15	Elisa Puci & Branislav Manic Process Engineer, Stamicarbon BV Process Engineer, Stamicarbon BV	Experiences with MicroMist™ and Jet Venturi scrubbing systems
19:15 – 19:30	Eyad Ahmad Al-Khraisat Solar Ponds Superintendent, Arab Potash Company, Jordan	Modification of Anti-caking Addition Process at Arab Potash Company, an Engineering Solution
19:30 – 19:45	Mohammed Khamlichi, Driouch Brahim & Ayoub Bouafia Director of Health and Safety, OCP Group, Morocco Health and Safety Consultant, OCP SA Lead Program UM6P, SADV, OCP Group, Morocco	Project Continuity plan Process for Contractors
19:45 – 20:00	Hesham Hanafy Senior process safety engineer, TÜV Rhineland, Egypt	HSE/Safety Case: demonstrating how hazards are being properly managed
20:00 – 20:15	Ashok Thingore Process and safety Consultant, Daanari Ltd ,UK	Biogas – Process Safety Challenge
20:15 – 20:25	Arafat Aloqaily Process Safety & Risk Management Engineer, Saudi Aramco	Limitations of Layers of Protection Analysis (LOPA) in Complicated Process Systems
20:25 – 20:35	Open Discussion	
	End of Day 1	

Day 2 – March 31st 2021



Session 1 – Chair: Khaled Ananzeh

Time	Speaker	Title
13:00 – 13:30	Azmi B Mohd Shariff Director, Institute of Contaminant Management for Oil and Gas, Malaysia	Process Safety in Industrial Revolution 4.0
13:30 – 13:45	Stephen Bater Director, Energy Institute – Intelligent Business Analytics, UK	Energy Institutes Process Safety Management Framework, Performance Monitoring and Associated Audit (EIPSPM) Applications
13:45 – 14:00	Abdullatif Albitawi Professional business freelance consultant and trainer based in Dubai, UAE	IIRSM's risk management and leadership competence framework
14:00 – 14:15	Muhammad Saim Consultant/CEO, Shepherd Risk, Pakistan	Why HAZOPs/LOPAs Fail
14:15 – 14:30	Noor Quddus Research Associate, Texas A&M University, USA	Managing Storage Facility for Hazardous Substances
14:30 – 14:45	Amin alwreidat Labour Inspection & Occupational Safety and Health Specialist, ILO, Lebanon	The Role of the International labour Organization (ILO) in Enhancing Occupational Safety and Health in the Arab Region
14:45 – 14:55	Open Discussion	
14:55 – 15:10	Break	

Session 2 – Chair: Shaima'a Alkhreisat

Time	Speaker	Title
15:10 – 15:40	Faisal Khan Professor and Canada Research Chair Associate Dean (Graduate Studies), C-RISE, Memorial University, Canada	Lessons from COVID-19: Safety and Risk Engineering Perspective
15:40 – 16:10	Lee Allford Energy Institute, Process Safety & Decommissioning	The EI PSM framework
16:10 – 16:25	Arturo Trujillo & Mauro Gotti Global Director of Process Safety Consulting, DEKRA, Spain Technical Operations Manager, DEKRA Italia Process Safety, Italy	Are you lucky or good? How Organizational Process Safety protects lives and livelihoods
16:25 – 16:40	James McVay Principal Advisor – Mechanical Integrity, Metallurgy and Corrosion, MISTRASGROUP, USA	Damage Mechanism Reviews - Some Shared Learnings and Practices regarding the Process itself
16:40 – 16:55	Rawan Maayitah Quality Manger, Marine Science Station, University of Jordan, Jordan	Impact of applying total quality management on occupational safety and health in laboratories
16:55 – 17:10	Rami Harkouss Chairman of the Chemical and Petroleum Eng. Dpt, Beirut Arab University, Lebanon	Risks in Oil and Gas Industry: Walkthrough Environmental Governance System in Lebanon
17:10 – 17:30	Venkatachari Narasimhan Partner and Chief Industrial Safety Consultant, ENYES ASSOCIATES, India	Sustainability of Safety Culture in Process Safety Management
17:30 – 17:40	Open Discussion	
17:40 – 17:55	Break	

Day 2 – March 31st 2021



Session 3 – Chair: Amro Kasht

Time	Speaker	Title
17:55 – 18:10	Anas Alzaid Director, Middle East and North Africa, NFPA, KSA	NFPA Contribution to Chemical Process Safety
18:10 – 18:25	Rawanne Farsakouri Petroleum Engineer, Beirut Arab University, Lebanon	Influence of Temperature on CO ₂ and H ₂ S Corrosion Rates of Steel Pipelines in Lebanese Oil & Gas Offshore Environment
18:25 – 18:40	Arafat Aloqaily Process Safety & Risk Management Engineer, Saudi Aramco	Industrial Disaster Management Approaches: Lessons Learned
18:40 – 18:55	Khaled Alnobani Senior Safety Engineer, Jordan Petroleum Refinery Co, Jordan	Entropy Inherent Safer Design
18:55 – 19:15	Alan Borrowman Director, PDQ Scotland Ltd, UK	Case study of an explosion at a polymer manufacturing plant
19:15 – 19:30	Wedad Al-Dahhan Assistant Professor, Al-Nahrain University, Iraq	Chemical Risk Assessment for Urea-Ammonia Production Plant
19:30 – 19:45	Makram Chehayeb Lecturer, Islamic University of Lebanon, Lebanon	Environmental Risk Management Using Geographic Information System (GIS): Delimitation Of Groundwater Pollution
19:45 – 20:00	Mahendran Gounder Gurusamy Manager – Process Safety, Oil and Gas Company, Qatar	Process Safety culture through Learning From Incident
20:00 – 20:15	Mohammad Alnuaimat CBRN Training Center of Excellence, JAF, Jordan	Chemical Support Unit - Royal Engineering Corps
20:15 – 20:30	Mohammed Bhaimia Corporate Risk Associates, UK	Analysing the effect of Human Error Calculation Techniques in Quantitative Risk Assessments
20:30 – 20:40	Open Discussion	
	End of Day 2	