

# 2<sup>nd</sup> Jordanian International Chemical Process Safety Conference

Excellence in Chemical Process Safety  
Safe Processing, Storage and Transportation

## Conference Program

12-13 / July / 2023



### Day 1 – July 12<sup>th</sup>, 2023

08:30 – 09:30 **Conference Registration**  
Master of Ceremonies: Amro Kasht

09:30 – 10:30 **Opening Ceremony**

09:30 – 09:35 National Anthem & Holy Quraan

09:35 – 10:00 **Welcome Speeches**

09:35 – 09:40 **Prof. Deeb Abu Farah**, Organizing Committee Chairman, 2nd JICPSC

09:40 – 09:50 **Dr. Sami Amarneh**, Chairman, JCPSES

09:50 – 10:00 **Yaqoub Bani Taha**, Chemical Engineering Division Council Member, JEA

10:00 – 10:05 **Dr. Said Abu Aita**, Arab Institute For Safety Sciences

10:05 – 10:15 **Ahmad Sammarah Al Zoubi**, Chairman, JEA

10:15 – 10:25 **Dr. Muawieh Khalid Radaideh**, Minister of Environment

10:25 – 10:40 Honorary Awards

Conference sponsors and supporters

10:40 – 11:00 Break


11:00 – 13:25 **Session 1**

Session Themes: Best Practices in Process Safety + Incident Investigation, Prevention, and Lessons Learned + Innovation and Creativity in Process Safety + Process Safety Leadership and Competency  
Session Chair: Prof. Deeb Abu Farah, Dr. Sami Amarneh & Amro Kasht

11:00 – 11:40 **Keynote Speech:** **Dr. Ammar Al Khawaldeh**, Global Process Safety Leader, BASF  
Process Safety, An Integrated Framework, and Partnership In-person Hybrid

11:45 – 12:05 A Review of the Aqaba Bay Chlorine Incident **Hamed Al Nahawi**, Process Safety Integrity, ioMosaic In-person Hybrid

12:10 – 12:30 Reactive Fluid Curtains for Chemical Hazard Mitigation **Prof. Renato Benintendi**, Managing Director Megaris Ltd In-person Hybrid  
**Nicola De Luca**, Principal Process Safety Consultant, Megaris Ltd  
**Prof. Elena Gómez**, Professor at Industrial Engineering Faculty, Universidad de Valladolid

 **Location:** Landmark Hotel, Amman, Jordan  
<https://goo.gl/maps/Fs8SmKcvdfdmxrDe9>



**Online Zoom Link:** TBD

**Conference Website:** <https://www.jeaconf.org/JCPSC2>



12:35 – 12:55	Learnings from the Collaboration Between Industry and Academia to Build Process Safety Competency in the Industry	<b>Dr. Luc Vechot</b> , Associate Professor & Managing Director of the Mary Kay O'Connor Process Safety Center in Qatar, Texas A&M University at Qatar <b>Mr. Abdullah Hassan Al-Qahtani</b> Chief Engineer, Proc Risk Assurance & As, EHSS SABIC	In-person Hybrid
13:00 – 13:20	Everyone Stand Up: Guidance to Ensure All Groups Understand and Own Their Role in Implementing and Sustaining an Impactful Process Safety Program	<b>Dr. Stewart W. Behie</b> , Senior Risk Consultant, Snakard Consulting Group <b>Katherine Andrea Lemos</b> , Principal, DaVinci Tech Performance	In-person Hybrid
13:25 – 13:45	Break		
13:45 – 15:45	<b>Session 2</b> Session Themes: Process Safety Leadership and Competency + Cyber Security in Chemical Processes + Asset Integrity Session Chair: Prof. Mohammad Matouq, Yaqoub Bani Taha & Mahmoud Smairat		
13:45 – 14:25	<b>Keynote Speech:</b> Leaders' Role in Eliminating Process Safety Incidents	<b>Shakeel Kadri</b> , Executive Director, CCPS	Online
14:30 – 14:50	Digital Process Hazard Analysis – The Dawn of a New Era	<b>Arturo Trujillo</b> , Global Service Group Manager, DEKRA <b>Mauro Gotti</b> , Technical Operations Manager Process Safety, DEKRA Italy	Online
14:55 – 15:15	Using TapRoot for Advanced Root Cause Analysis	<b>Ken Reed</b> , Vice President, System Improvements, Inc.	Online
15:20 – 15:40	Asset Integrity and Reliability Implementation Challenges and Failure Factors in Developing Countries	<b>Hany Tawfek</b> , Occupational Health, Safety, and Process Safety General Manager, Egyptian Ethylene and Derivatives Company (Ethydco)	In-person Hybrid
15:45 – 16:05	CHASE - Visualizing Cyber Security Vulnerabilities & Risk	<b>David Hatch</b> , Process Hazard Analyst, Process Safety Integrity	Online
16:10 – 17:00	Lunch & End of Day 1		

**Simultaneous translation of conference lectures will be available**



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### Day 2 – July 13<sup>th</sup>, 2023

08:00 – 09:00 **Conference Registration**  
Master of Ceremonies: Amro Kasht

09:00 – 12:15

#### Session 3

Session Themes: Best Practices in Process Safety + Human Factors Engineering + Hazard Identification, Risk Assessment, and Management

Session Chair: Dr. Mohammad Miqdady, Iqbal Nsour & Waleed Atwan

09:00 – 09:40	<b>Keynote Speech:</b> How the Platypus Killed the Black Swan	<b>Trish Kerin</b> , Director, IChemE Safety Centre	In-person Hybrid
09:45 – 10:05	Setting Up the Right Leading Process Safety Indicators to Support the Lagging Metrics and Drive Continuous Improvement	<b>Dr. Bahman Abdolhamidzadeh</b> , Senior Process Safety Engineer, Pacific Gas & Electricity Company	Online
10:10 – 10:30	PSM Implementation in the Mining and Metals Industry	<b>Mohammad Kazmi</b> , Engagement Manager, Hatch	In-person Hybrid
10:35 – 10:55	Approaches to Integrating Human Factors into Chemical Process Safety Management and Engineering	<b>Michael Wright</b> , Director, Wright Human Factors Ltd	In-person Hybrid
11:00 – 11:20	Human Behavior and Hazard Identification	<b>Raed Alyaseen</b> , Safety, Health, and Environment (MSHEM) Expert, Maaden	In-person Hybrid
11:25 – 11:45	The Role of Barrier Management in Preventing the Major Incident	<b>Ali Elkhallal</b> , Senior Process Safety Engineer, Alexandria National Refining and Petrochemicals Company	In-person Hybrid
11:50 – 12:10	Enhancing Risk-Based Decision Making, Improving Hazard Awareness, and Advancing Process Safety	<b>Michael Snakard</b> , President & Managing Director, Snakard Consulting Group	In-person Hybrid

12:15 – 12:35

Break

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12:35 – 15:50		<b>Session 4</b>	
Session Themes: Best Practices in Process Safety + Consequence Modeling and Quantitative Risk Assessment + Functional Safety + Codes and Regulations on Process Safety Management and the Prevention of Major Industrial Accidents Session Chair: Bader Al Amereen, Shayma Khrisat & Ahmed Alsayyed			
12:35 – 13:15	<b>Keynote Speech:</b> Energy Institutes Process Safety Management Audit Tool	<b>Stephen Bater</b> , Director, Energy Institute	Online
13:20 – 13:40	Protecting the People While Achieving Economic Growth: A Prospective Towards Using the QRA for Land Use Planning Around the MAH Facilities.	<b>Mohammed Sabry</b> , Risk Management and Loss Prevention Studies Executive General Manager - QRA team leader - Egyptian Natural Gas Co. (GASCO)	In-person Hybrid
13:45 – 14:05	Optimizing Fire and Gas Detection of an Offshore Platform using 3D F&G Mapping and CFD Modeling: A Comprehensive Approach	<b>Basil Fysal</b> , Graduate Student in Safety Engineering, Texas A&M University <b>Anjalidas C</b> , Fire and Safety Manager, Gulermak-Sams India	Online
14:10 – 14:30	Use of a two-parameter Weibull distribution for the description of the effect of the particle size distribution on dust Minimum Explosive Concentration	<b>Asma Abousrafa</b> , Chemical Engineering Master's Student, Texas A&M University at Qatar <b>Dr. Tomasz Olewski</b> , Research Scientist, Mary Kay O'Connor Process Safety Center <b>Dr. Luc Vechot</b> , Associate Professor & Managing Director of the Mary Kay O'Connor Process Safety Center in Qatar, Texas A&M University at Qatar	Online
14:35 – 14:55	Management of SIS Bypass In accordance with IEC 61511 and Best Practice	<b>Zakaria Alkharouf</b> , Instrument and Control Engineer, ADNOC Refining	In-person Hybrid
15:00 – 15:20	Should FGS have SIL rating?	<b>Wael Ismail</b> , Lead Process Safety and Risk Engineer, ADNOC Offshore	Online
15:25 – 15:45	Evaluation of the Efficiency of Iraqi Legislation in Reducing the Effects of Industrial Accidents, the Reality, and the Challenges of the Future	<b>Mohammed Barzanji</b> , Chief Engineer, Iraq Ministry of Environment <b>Rehab Al Azawi</b> , Chief Engineer, Iraq Ministry of Environment <b>Rebwar Hamondi</b> , Lecturer, Alkitab University	Online
15:45 – 16:00	Asset Integrity for Aging Plants - Ensuring Safety Operations Over Time	<b>Robert J. Weber</b> , P.E., President/CEO PSRG Inc	TBD
16:00 – 16:10		<b>Conference Conclusion and Recommendations</b>	
<b>Prof. Deeb Abu Farah</b> , Organizing Committee Chairman, 2nd JICPSC <b>Prof. Mohammad Matouq</b> , Organizing Committee Vice-Chairman, 2nd JICPSC <b>Dr. Sami Amarneh</b> , Chairman, JCPSES <b>Amro Kasht</b> , Vice-Chairman, JCPSES			
16:10 – 17:00		Lunch & End of Day 2	

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