# 4th CCPS MIDDLE EAST **PROCESS SAFETY** CONFERENCE

27-28 September 2022 Sheraton Dammam, Saudi Arabia

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**DRIVING TOWARDS PROCESS SAFETY** 

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### **POST EVENT REPORT**

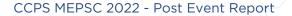
"Driving towards process safety excellence" - The theme of the 4th CCPS MEPSC emphasizes the importance of the five elements of the theme -Culture, Knowledge, Competency, Key Societal Values, and Responsible Collaborations.

In his welcome address, Shakeel thanked the nearly 500 attendees at this event for their participation and asked them to take one or two new learning ideas from this event to their organizations for improving their process safety management.

He extended his appreciation to the keynote leaders and those participating in the two panels for sharing their wisdom. He stated that "in our endeavor of 'Driving towards Process Safety Excellence', we must have global and regional leaders share their best practices and be willing to guide and get involved in their fellow process safety professionals to help in their excellence journey"

# SHAKEEL KADRI

**Executive Director and CEO, Center for Chemical Process Safety** 



# 4TH CCPS MEPSC 2022 HIGHLIGHTS

### 488+ DELEGATES

#### 95+ ORGANIZATIONS

### 25+ COUNTRIES

- 5 Keynotes Speakers
- Leadership and Technical Panel Discussions
- 46 Technical Presentations
- 2 Conference Workshops
- 12 Posters





# 4TH CCPS MEPSC 2022 HIGHLIGHTS

- The 4th CCPS MEPSC Conference was held on 26-28, 2022 at Hotel Dammam Sheraton, Saudi Arabia.
- Conference was attended by 488 participants from 95+ organizations across the Middle East region.
- Two Pre-Conference workshops were conducted on Incident Investigation & Empowering Frontline Staff for Sustainable Process Safety Culture attended by 75+ attendees.
- The 4th Edition of MEPSC was executed by over 20 Technical Committee members under the leadership of Co-Chairs - Rami Nazer, Saudi Aramco; Abdullah Hassan Al-Qahtani, SABIC; Dr. Abdulrehman Aldeeb, Siemens Energy & Dr.Anil Gokhale, CCPS.
- The Executive Committee comprising of Shakeel Kadri -CCPS, Ibrahim Khawaji - Saudi Aramco; Khaled Al Alyani -SABIC; Ahmed Al-Khaldi - Sipchem; Khalid Al Bin Ali - GPIC & Wayel Y Osailan- Sadara Chemical Company & Hafedh Al-Qassab BAPCO provided an oversight support.







# TESTIMONIALS

Thank you CCPS. We learned a lot as content was very relevant and well presented. It was one of the most informative conferences I have ever attended & inspired many of us to reach to excellence level in various elements of PSM.

#### Surya Bhusan Kumar Sinha

HSE Coordinator, Tata Steel

Great opportunity to improve the cultural approach to process safety

Leonardo Cotrufo

Safety coordinator, Saudi Aramco

MEPSC is a great forum. It provides you an opportunity and platform to connect with Leaders, Subject Matter Specialists, Consultants etc from all over the world. You can share your experiences and get great knowledge & updated information from different regions of the world.

#### Usman Ali

Lead - Process Safety Management, Fatima Fertilizer Company Limited

It was an Excellent event. A diverse group of Professionals in the Petrochemical, Oil, and Gas Industry had the opportunity to share knowledge, ideas, and experiences about understanding and implementation of Process Safety Management in the context of the Middle East.

#### Oscar Mauricio Barajas Pinzon

Speaker, Saudi Aramco

This is a fantastic event. It is an enriching experience for industry practitioners and young graduates.

#### Faisal Khan

Professor and Director MKOPSC, Texas A&M University









A wonderful event, Small community engagement is better interaction for engaging in more collaborative way.

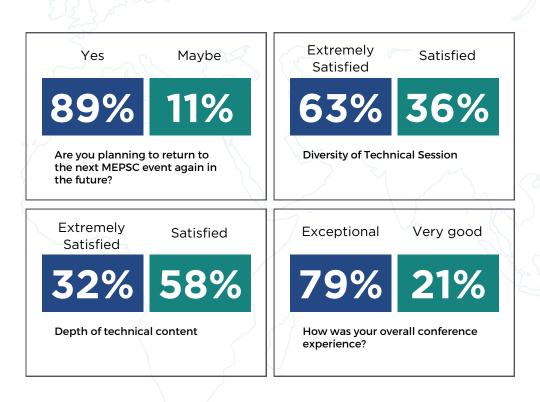
#### **Muhammad Hammad Bashir**

Process Safety Engineer, SIPCHEM

The 4th CCPS MEPSC successfully captured the current, key challenges faced by the oil & gas and petrochemical industry and provided the right platform for technical professionals to share their experience, knowledge and ideas for further enhancement of PSM and taking it forward to drive excellence in process safety.

#### Zubair Jan Awan

Manager HSE, Derivatives Park Management, ADNOC



### THEME: DRIVING TOWARDS PROCESS SAFETY EXCELLENCE

The keynote leaders shared their wisdom on the importance of becoming an effective learning organization, focus on effective management of risk, expanding culture and competencies, raising process safety as a strategic priority and applying new technologies to drive process safety excellence. DRIVING TOWARDS PROCESS SAFETY EXCELLENCE

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### **KEYNOTE SPEAKERS**



Ibrahim Khawaji

Manager, Loss

Prevention, Technical

Services Department.

Saudi Aramco

Ibrahim Al Rushoud

> President -Affiliates, SIPCHEM



**Dr.Faisal Khan** 

Director, Mary Kay O'Connor Process Safety Center

**Presentation Title:** Safety in Digitalized Processing Systems



Anne O' Neal

Fellow, AIChE and Manager, Process Safety Culture and Competency, Chevron

**Presentation Title:** Ask Better Questions - A Practical Approach to Improving Process Safety Culture



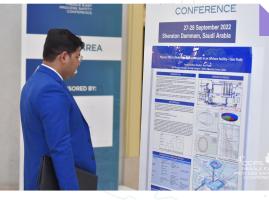
Mahmood A Rahim

General Manager -Refining, BAPCO

**Presentation Title:** What will process safety look like in 2032?

### 12 POSTERS WERE PRESENTED ON VARIOUS TOPICS







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Abdurrahman Souka Risktec Solutions (TÜV Rheinland Group)

> Bassel Alderhalli Saudi Aramco

Bresly Danthy & Basil Fysal, Technip Energies

> Feras Ahmed, KFUPM

Ibrahim M. Balharith & Tirthankar Basu, Saudi Aramco

> Isiaka Niyi Yusuf, Saudi Aramco

**Leonardo Cotrufo,** Saudi Aramco

Muhammad Hammad Bashir, Sipchem

Nouman Khaleeq Butt & Yasser A. Al Shaikh, Arabian Petrochemical Company-Petrokemya

> Dr. Payam Jamshidi, Siemens Energy

> > Roger Stokes, Baker Risk

Usman Ali Mughal Fatima Fertilizer Company Limited







### **CONFERENCE AT GLANCE**

Monday, September 26   Workshops				
08:30 - 15:30	Process Safety Incident Investigation Workshop	ess Safety Incident Investigation Workshop Empowering Frontline Staff for Sustainable Process Safety Culture Workshop		
Monday, September 26   Workshops				
07:30 onwards	Registration Open			
08:00 - 08:30	VIP Reception			
08:30 - 08:40	Welcome Address			
08:40 - 09:25	Keynote			
09:25 - 10:25	Leadership Leadership PanelPanell			
10:25 - 10:50	Poster Session			
10:50 - 12:00	Parallel Technical Sessions: Process Safety Management Framework And d Safety Case (1)	Parallel Technical Sessions: Business Leadership And Ownership In Forming And Sustaining Process Safety Culture (I)	Parallel Technical Sessions: Asset Integrity And Process Safety Management	
12:00 - 12:45	Prayer and Lunch Break			
12:45 - 13:10	Keynote			
13:10 - 14:20	Parallel Technical Sessions: Managing Cyber Safety	Parallel Technical Sessions: ESG Performance And Process Safety	Parallel Technical Sessions: Incident Investigation	
14:20 - 14:30	Break			
14:30 - 15:40	Parallel Technical Sessions: Process Safety For Exploration & Production And Non-traditional Process Industry Operations	Parallel Technical Sessions: Process Safety Digitalization and Analytics	Parallel Technical Sessions: Process Safety Transformation; From Today's Challenges Into Future Excellence	
10:25 - 10:50	Poster Session			

Wednesday, September 28   Conference				
07:30 onwards	Registration Open			
08:30 - 08:40	Welcome Address			
08:40 - 09:25	Keynote			
09:00 - 10:20	Technical Panel			
10:25 - 10:50	Poster Session			
10:50 - 12:00	Parallel Technical Sessions: Process Safety Barriers Management Considering Emerging Safety And Security Threats	Parallel Technical Sessions: Chemical Release and Reaction Hazard Management	Parallel Technical Sessions: Business Leadership And Ownership In Forming And Sustaining Process Safety Culture (II)	
12:00 - 12:45	Prayer and Lunch Break			
12:45 - 13:55	Parallel Technical Sessions: Process Safety Management Framework (II)	Parallel Technical Sessions: Managing Process Safety Institutional Knowledge And Competency Development	Parallel Technical Sessions: Human Factors With A Focus On Best Practices And Lessons Learned	
13:55 - 14:05	Break			
14:05 - 15:25	Industry Process Safety Incidents Case Studies (Emphasis On Recent Incidents And Data)			
15:25 - 15:40	Closing Ceremony Remarks			













#### LEADERSHIP PANEL THE ROLE OF LEADERSHIP TO ADDRESS CHALLENGES IN CREATING EFFECTIVE PSM





Moderator Shakeel Kadri **Executive Director** & CEO, CCPS



Panelist Ibrahim Khawaji Manager, Loss Prevention, Technical Safety & Competency, Services Department, Saudi Aramco



Panelist Ms. Anne O' Neal Manager, Process Chevron



Panelist Khaled Al Alyani **Global EHSS Vice** President, SABIC



Panelist Ahmed Al-Khaldi General Manager, Industrial Security & Responsible Care, Sipchem



Panelist **Derek Miller Global Process** Safety Director, Air Products

Leadership Panel Discussion was moderated by Mr. Shakeel Kadri on 'The role of leadership to address challenges in creating effective PSM'.

The panel members shared key challenges they are facing in managing process safety performance. Each panel member provided their views on the challenges and how they are addressing in their organizations.

The key challenges they discussed included; aging of facilities, processes and personnel, contractor management, lack of learning from leading indicators, lack of quality in incident investigations, process safety not viewed as a business value, senior leadership & frontlines expectations not aligned and ineffective competency development.

A follow-up questions and answer session provided opportunities to the audience to offer their comments and ask questions



#### **TECHNICAL PANEL** DIGITALIZATION AND DATA ANALYTICS APPLICATIONS FOR PROCESS SAFETY ADVANCEMENT





Moderator Dr. Abdulrehman Aldeeb Head of Process Safety Technology and Consulting, Siemens Energy, Inc Panelist Awad Shehri Head of Process Safety Technology and Consulting, Saudi Aramco



Panelist Abdulaziz AlMahmeed Lead Instrument Engineer, GPIC (Gulf Petrochemical Industries Company



Panelist Dr. Faisal Khan Director, Mary Kay O'Connor Process Safety Center



Panelist Majed Al Shangiti Chief Information Officer, SATORP



Panelist Ali S. Al-Wadie Manager, Process Engineering & Control System, Sipchem

Technical Panel Discussion on "Digitalization and Data Analytics Applications for Process Safety Advancement" was moderated by Dr. Abdulrehman Aldeeb- Head of Process Safety Technology and Consulting, Siemens Energy, Inc.

The panel reflected that application of big data analytics would provide valuable insights for more informed policy, strategic, and operational risk decision-making leading to a safer and more reliable industry.



### **AWARDS CEREMONY**



**Best Technical Presentation** By Zubair J Awan, ADNOC

Best Presentation to Drive Excellence in **Process Safety** By Ahmed Al-Khaldi, SIPCHEM

**Best Presentation to Advance Process** Safety Technology By Abdulrahman Alamer and Wassam Algahtani, Saudi Aramco



**Best Young Professional Presentation** By Ms. Azza Al-Subhi & Marayam Zahran, Al Buraidi, OQ

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**Best Young Professional Presentation** By Ms. Kumari Shalini, Tata Steel

**Best Poster Presentation** By Bassel Alderhalli, Saudi Aramco

### COMMITTEE

#### EXECUTIVE COMMITTEE MEMBERS



Shakeel Kadri Executive Director & CEO, CCPS



Ibrahim Khawaji Manager, Loss Prevention, Technical Services Department, Saudi Aramco



Ahmed Al-Khaldi General Manager, Industrial Security & Responsible Care, Sipchem



Hafedh Al-Qassab Acting Deputy Chief Executive Technical & BMP Project Director, BAPCO



Khaled Al Alyani Global EHSS Vice President, SABIC Industries Company) Khalid Al Bin Ali Plant Manager, GPIC (Gulf Petrochemical





Wayel Y Osailan Executive Director, Sadara Chemical Company

#### **TECHNICAL COMMITTEE CO-CHAIRS**



Rami I Nazer Technical Support Unit Supervisor, Loss Prevention, Saudi Aramco



Abdullah Hassan Al-Qahtani Chief Engineer, Process Risk Management, SABIC



Dr. Abdulrehman Aldeeb Head of Process Safety Technology and Consulting, Siemens Energy, Inc



Dr. Anil Gokhale Senior Director, CCPS Projects, CCPS

### COMMITTEE

#### **TECHNICAL COMMITTEE MEMBERS**







Muhammad Mushahid R. Qureshi Loss Prevention Engineer, Saudi Aramco



Ather Zia Loss Prevention Engineer, Saudi Aramco



Aramco





Process Safety Specialist, EQUATE Petrochemical CO



Abdullah Al-Hazza Abdulwahab Abdullah Al-Shahrani Manager, Process Safety, Sipchem



Ahmed Khalil Ebrahim HSE Director, BAPCO



Andrew P. Bartlett

Solutions Consultant

**Global Solution** 

Engineering, Sphera



Ageel Riaz





David Moore President & CEO. AcuTech Group



Essam S. Al-Otaibi

SATORP



Faysel Abdulla Safety Superintendent, Abdulaziz Al-Romaihi Asst. Manager, Technical & Process Safety, Qatar Energy



### COMMITTEE

#### **TECHNICAL COMMITTEE MEMBERS**





G.Santhosh Kumar Inspection Specialist -PSM Group, Kuwait Oil Company - KOC



Head of Process Safety, Ingenero Inc



Jamal Al-Ghamdi Corporate Process Safety Director, Sadara Chemical Company



Khaled Metwally Leader Operational Risk practice, DuPont Sustainable Solutions



PSRG



Robert Weber Sam Alawar President & CEO, Vice President. ioMosaic



Sivaneswaran Kamala Advisor, Group Health, Safety & Environment & Sustainability Function, ADNOC



Umesh Dhake Associate Director, Asia, Oceania and & Africa Regions, CCPS

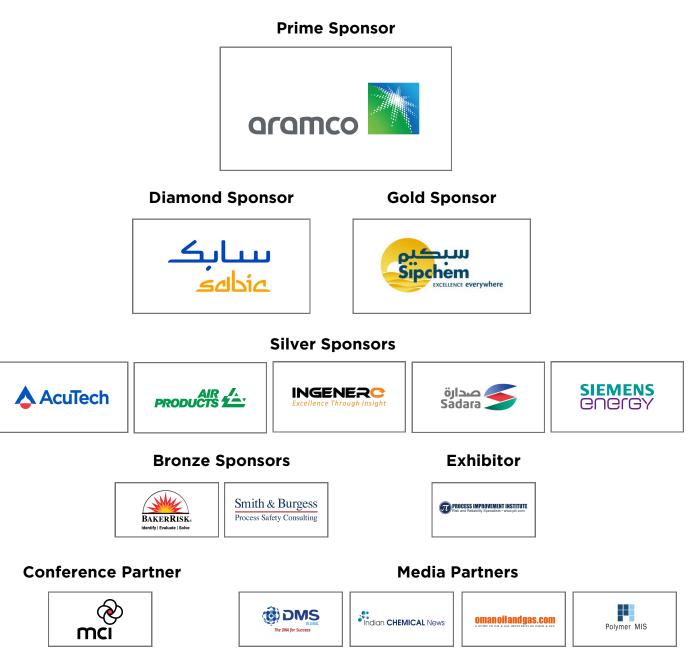


William Bridges President, Process Improvement Institute Safety Management, (PII)



Yousef Al-Humoud Manager Process Kuwait Oil Company -KOC

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For photos from events are now available