



4<sup>th</sup>   
**CCPS**  
MIDDLE EAST  
PROCESS SAFETY  
CONFERENCE

27-28 September 2022  
Sheraton Dammam, Saudi Arabia

# CONFERENCE PROGRAM

Organized by:



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# CCPS MEPSC 2022

## CONFERENCE AT GLANCE

### MONDAY | September 26

08:30 - 15:30	Process Safety Incident Investigation Workshop	Empowering Frontline Staff for Sustainable Process Safety Culture Workshop
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### TUESDAY | September 27

08:30 - 08:40	Welcome Address		
08:40 - 09:25	Keynote		
09:25 - 10:25	Leadership Panel		
10:25 - 10:50	Poster Session		
10:50 - 12:00	<b>Parallel Technical Sessions:</b> Process Safety Management Framework And Safety Case (I)	<b>Parallel Technical Sessions:</b> Business Leadership And Ownership In Forming And Sustaining Process Safety Culture (I)	<b>Parallel Technical Sessions:</b> Asset Integrity And Process Safety Management
12:00 - 12:45	Prayer and Lunch Break		
12:45 - 13:10	Keynote		
13:10 - 14:20	<b>Parallel Technical Sessions:</b> Managing Cyber Safety	<b>Parallel Technical Sessions:</b> ESG Performance And Process Safety	<b>Parallel Technical Sessions:</b> Incident Investigation
14:20 - 14:30	Break		
14:30 - 15:40	<b>Parallel Technical Sessions:</b> Process Safety For Exploration & Production And Non-traditional Process Industry Operations	<b>Parallel Technical Sessions:</b> Process Safety Digitalization and Analytics	<b>Parallel Technical Sessions:</b> Process Safety Transformation: From Today's Challenges Into Future Excellence
19:00 - 20:00	Gala Dinner		

### WEDNESDAY | September 28

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	<b>Parallel Technical Sessions:</b> Process Safety Barriers Management Considering Emerging Safety And Security Threats	<b>Parallel Technical Sessions:</b> Chemical Release and Reaction Hazard Management	<b>Parallel Technical Sessions:</b> Business Leadership And Ownership In Forming And Sustaining Process Safety Culture (II)
12:00 - 12:45	Prayer and Lunch Break		
12:45 - 13:55	<b>Parallel Technical Sessions:</b> Process Safety Management Framework (II)	<b>Parallel Technical Sessions:</b> Managing Process Safety Institutional Knowledge And Competency Development	<b>Parallel Technical Sessions:</b> 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		

# Day 1 - Monday, 26 Sep 2022

Sheraton Dammam, Saudi Arabia

08:30 - 10:30 **Session 1**

Process Safety Incident Investigation Workshop	Empowering Frontline Staff for Sustainable Process Safety Culture Workshop
<p>The workshop objective is to show technical personnel how to perform an objective investigation to determine what happened in an incident and why. The course is oriented to incidents in chemical processing facilities and refineries. The prime objective is to teach the thought processes and methodologies of experienced investigators in determining immediate causes, underlying causes and root causes of incidents. The course will emphasize the key role the investigator plays for complete, accurate and detailed investigations, identifying, communicating and embedding lessons learned.</p> <p>Speaker <b>Roger Stokes</b> Principal Engineer, Baker Risk</p>	<p>Frontline staff, such as plant operators, operations specialist, and maintenance craft-persons, should and can take the lead on implementing and improving process safety. For this to happen, site Leadership must see the value in this approach and must support this delegation of responsibility and authority over the long term.</p> <p>Speakers <b>David Moore</b> President &amp; CEO, AcuTech Group <b>William Bridges</b> President, Process Improvement Institute (PII)</p>

10:30 - 11:00 **Break**

11:00 - 12:30 **Session 2**

Process Safety Incident Investigation Workshop	Empowering Frontline Staff for Sustainable Process Safety Culture Workshop
<p>Workshop continues</p> <p>Speaker <b>Roger Stokes</b> Principal Engineer, Baker Risk</p>	<p>Workshop continues</p> <p>Speakers <b>David Moore</b> President &amp; CEO, AcuTech Group <b>William Bridges</b> President, Process Improvement Institute (PII)</p>

12:30 - 13:30 **Prayer and Lunch Break**

13:30 - 15:30 **Session 3**

Process Safety Incident Investigation Workshop	Empowering Frontline Staff for Sustainable Process Safety Culture Workshop
<p>Workshop continues</p> <p>Speaker <b>Roger Stokes</b> Principal Engineer, Baker Risk</p>	<p>Workshop continues</p> <p>Speakers <b>David Moore</b> President &amp; CEO, AcuTech Group <b>William Bridges</b> President, Process Improvement Institute (PII)</p>

## Day 2 - Tuesday, 27 Sep 2022

Sheraton Dammam, Saudi Arabia

07:30 - **Registration**

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08:00 - 08:30 **VIP Reception**

08:30 - 08:40 **Welcome Address**

Speaker

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

08:40 - 09:25 **Keynote**

Speakers

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

**Ibrahim Al-Rushoud** President - Affiliates, Sipchem

09:25 - 10:25 **Leadership Panel**

The role of leadership to address challenges in creating effective PSM

Moderator

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

Panelists

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

**Ms. Anne O' Neal** Fellow, AIChE and Manager, Process Safety Culture and Competency, Chevron

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

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

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

10:25 - 10:50 **Poster Sessions**

Session Chair

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

Session Co-chair

**Vishal Chavan** Project Manager- Asia Pacific & Middle East, CCPS Middle East Process Safety Conference

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*An Argument for Process Safety - Can the Widespread Adoption of a Safety Case Framework and Regime Improve Risk Management in the Middle East Region?*

Speaker

**Abdurrahman Souka** Principal (Technical Safety) Consultant & Team Leader, Risktec Solutions (TÜV Rheinland Group)

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*Towards Effective Emergency Response (EROAT)*

Speaker

**Bassel Alderhalli** Engineer IV, Aramco

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*Physical Effects Modelling: Risk and Impact in an Offshore Facility – Case Study*

Speakers

**Bresly Danthy** Safety & Loss Prevention Engineer, Technip Energies

**Basil Fysal** HSE Design Engineer, Technip Energies

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*The Future of Nuclear Power Plant Safety: What Is after Zaporizhzhia Accident?*

Speaker

**Feras Ahmed** Chemical Engineering Student, King Fahd University of Petroleum & Minerals (KFUPM)

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*HFE- Valve Critically Analysis*

Speakers

**Ibrahim M. Balharith** Loss Prevention Engineer, Aramco

**Tirthankar Basu** Loss Prevention Engineer, Aramco

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*Developing and Implementing Barrier Management Process for Safety Critical Equipment*

Speaker

**Isiaka Niyi Yusuf** Loss Prevention Engineer, Aramco

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*Evaluation of the Maturity Level of the Process Safety Culture for Oil and Gas Industry Workers in a Region of the Middle East (Saudi Arabia)*

Speaker

**Leonardo Cotrufo** Lead Engineer, Aramco

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*Siting of Temporary Buildings during One Unit Shutdown in Petrochemical Complex*

Speaker

**Muhammad Hammad Bashir** Process Safety Engineer, Sipchem

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*EHS Critical Bypass Control- Reduced Duration and Improved PS Barrier Performance*

Speakers

**Nouman Khaleeq Butt** Lead Engineer, Process Safety, Arabian Petrochemical Company-Petrokemya

**Yasser A. Al Shaikh** Sr. Manager of Reliability, Maintenance and Inspection Departments, Arabian Petrochemical Company-Petrokemya

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*Enhancing Integrity Management of Aging Assets Using Risk-Based Methodologies*

Speaker

**Dr. Payam Jamshidi** Global Mechanical Integrity Lead, Siemens Energy

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*The Safety Challenges of the Various Stages of Intermodal Transportation*

Speaker

**Roger Stokes** Principal Engineer, Baker Risk

*A Committed & Resilient Culture Is a Recipe for Success Every Time*

Speaker

**Usman Ali Mughal** Lead - Senior Process Safety Engineer, Fatima Fertilizer Company Limited

*Analysis of Safety and Security in Industry 4.0-Enabled Remote Offshore Green Hydrogen Production*

Speaker

**Ahmed El-Kady** Research Assistant, TEES Mary Kay O'Connor Process Safety Center in Texas A&M University

*Identification and Assessment of Risks in Offshore Wind-Integrated Hydrogen Production System*

Speaker

**Ahmed El-Kady** Research Assistant, TEES Mary Kay O'Connor Process Safety Center in Texas A&M University

10:50 - 12:00 **Parallel Technical Sessions**

Sponsored by



Session 1: Process Safety Management Framework (I)	Session 2: Business Leadership and Ownership for Sustaining Process Safety Culture (I)	Session 3: Asset Integrity Management
<p>Session Chair <b>Faysel Abdulla Abdulaziz Al-Romaihi</b> Asst. Manager, Technical &amp; Process Safety, QatarEnergy</p>	<p>Session Chair <b>Ahmed Khalil Ebrahim</b> HSE Director, BAPCO</p>	<p>Session Chair <b>Rami I Nazer</b> Technical Support Unit Supervisor, Loss Prevention, Aramco</p>
<p><i>Existing Facilities Vs New Standards...How to Close the Gap?</i></p> <p>Speaker <b>Gerardo Daniel Abalde</b> Project Support Unit Head, Aramco</p>	<p><i>PSM Culture As the Foundation of PSM Excellence</i></p> <p>Speaker <b>David Moore</b> President &amp; CEO, AcuTech Group</p>	<p><i>Root Cause Analysis of Multiple Failures of a High Pressure Decomposer of a Vintage Urea Plant</i></p> <p>Speaker <b>Arshad Naveed</b>, Engro Fertilizers LTD</p>
<p><i>Integrating Process Safety Management System with Project Management System throughout the Life Cycle of Petrochemical Projects</i></p> <p>Speaker <b>Hashem Al-Awami</b> Lead Process Safety Engineer, SABIC</p>	<p><i>Implementing Operational Discipline</i></p> <p>Speaker <b>Mohammed AlNaham</b> Methanol Superintendent, GPIC (Gulf Petrochemical Industries Company)</p>	<p><i>Leveraging Digitalization and Data Analytics in Asset Integrity Management</i></p> <p>Speaker <b>Dr. Payam Jamshidi</b> Global Mechanical Integrity Lead, Siemens Energy</p>
<p><i>Establishing a Harmonized Process Safety System</i></p>	<p><i>Process Safety Warning Signs... Search for Them through Management Review</i></p> <p>Speaker</p>	<p><i>Mihazop: Get the Most of Your</i></p>

Speaker

**Ms. Azza Al-Subhi** Process Safety Engineer, OQ

Co-Presenter

**Ms. Maryam Zahran Al Buraidi** Process Safety Engineer, OQ

**Amir Zaheer** Base Business Leader, Saudi Arabian Chevron

Co-Author

**Ms. Anne O' Neal** Fellow, AIChE and Manager, Process Safety Culture and Competency, Chevron

*Process Hazard Analysis and Mechanical Integrity Initiatives Combined*

Speaker

**German Luna-Mejias** CEO & Director, Lupatech Canada

12:00 - 12:45 **Prayer and Lunch Break**

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12:45 - 13:10 **Keynote**

Safety in Digitalized Processing Systems

Speaker

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

13:10 - 14:20 **Parallel Technical Sessions**

Sponsored by



Session 4: Managing Cyber Safety	Session 5: ESG Performance And Process Safety	Session 6: Incident Investigation
<p>Session Chair <b>Jaikishin Lilani</b> Head of Process Safety, Ingenero Inc</p>	<p>Session Chair <b>Essam S. Al-Otaibi</b> Safety Superintendent, SATORP</p>	<p>Session Chair <b>Mohammad Nashwan</b> Process Safety Group Leader Technical Services Unit, Loss Prevention Department, Aramco</p>
<p><i>A Cyber Resilience Risk Assessment Framework Proposal Based on Bow-Tie Analysis of Industrial Control System</i></p>	<p><i>The impact a Process Safety incident has on a company's Environmental, Social and Governance (ESG) performance</i></p>	<p><i>Common Mistakes When Conducting Incident Investigations in Process Safety. Experiences from the Oil and Gas Industry in the Last Decade</i></p>
<p>Speaker <b>Laxminarayan Nayak</b> Regional Risk Engineer, Middle East, Royal &amp; Sun Alliance Insurance (Middle East) B.S.C.</p>	<p>Speaker <b>Andrew P. Bartlett</b> Solutions Consultant Global Solution Engineering, Sphera</p>	<p>Speaker <b>Oscar Barajas Pinzon</b> Loss Prevention Engineer, Aramco</p>
<p><i>Integrating Cyber Security in Hazard and Risk Analyses</i></p>	<p><i>Effective Emergency Response Plan Is Success of Process Safety</i></p>	<p><i>Gains from Getting Near Misses Reported</i></p>
<p>Speaker <b>Ajay Shivaji Patil</b> Solution Consultant, Siemens Energy</p>	<p>Speaker <b>Ghulam Abbas</b> Process Safety Engineer, Fatima Fertilizer Company Limited</p>	<p>Speaker <b>William Bridges</b> President, Process Improvement Institute (PII)</p>
<p><i>Conducting Hybrid Security Risk Assessments to Address Physical Cybersecurity Exposures</i></p>	<p>Co-Presenter <b>Sabeeh Ahmed</b> Production Engineer, Fatima Fertilizer Company Limited</p>	<p><i>A Leadership's Guide to Incident (Accident) Investigations</i></p>
<p>Speaker <b>Elias Quinn</b>, AcuTech Group</p>	<p><i>ESG Performance and Process Safety</i></p>	<p>Speaker <b>Roger Stokes</b> Principal Engineer, Baker Risk</p>

	<p>Speaker <b>Mohammed Ali Al-Zahrani</b> Sustainability Manager, Sipchem</p>	
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14:20 - 14:30 **Break**

14:30 - 15:40 **Parallel Technical Sessions**

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Session 7: Process Safety for Exploration & Production and Non-traditional Process Industry Operations	Session 8: Process Safety Digitalization and Analytics	Session 9: Process Safety Transformation; From Today's Challenges Into Future Excellence
<p>Session Chair <b>David Moore</b> President &amp; CEO, AcuTech Group</p> <hr/> <p><i>Process Safety Challenges in the Mining &amp; Metal Industry</i></p> <p>Speaker <b>Hocine Ait Mohamed</b> Senior Consultant, Paragon Risk Engineering</p> <hr/> <p><i>The Impact of Using Risk Matrices on Reducing Accidents, the Case of the Oil and Gas Industry in Alberta (Canada)</i></p> <p>Speaker <b>Aissam Bouadjel</b> Loss Prevention Engineer, Aramco</p> <hr/> <p><i>Process Safety Management in Engineering Projects for Proactive Mitigation of Process Safety Risks</i></p> <p>Speaker <b>Ms. Kumari Shalini</b> Manager, Process Safety, Tata Steel</p>	<p>Session Chair <b>Muhammad Mushahid R. Qureshi</b> Loss Prevention Engineer, Aramco</p> <hr/> <p><i>Closed-Loop Model to Optimize Management of Change System and Best practices to Manage the MOC Digital Transition</i></p> <p>Speaker <b>Hussain Alabduljabbar</b> Safety Engineering Group Leader, Loss Prevention, Saudi Aramco</p> <hr/> <p><i>Realizing Digitalization in Safety</i></p> <p>Speaker <b>Abdulrahman Alamer</b> Safety Professional, Aramco</p> <p>Co-Presenter <b>Wassam Alqahtani</b> Safety Professional, Aramco</p> <hr/> <p><i>Managing Process Safety Institutional Knowledge through Digitalization</i></p> <p>Speaker <b>Shardul Shindadkar</b> Asst Mgr - Sales and Marketing, Ingenero Inc</p>	<p>Session Chair <b>Andrew P. Bartlett</b> Solutions Consultant Global Solution Engineering, Sphera</p> <hr/> <p><i>How Do We Prevent Losing Sight in Risk Assessments</i></p> <p>Speakers <b>Nawayd Shaikh</b> Process Safety Consultant, AcuTech Group <b>David Moore</b> President &amp; CEO, AcuTech Group</p> <hr/> <p><i>ADNOC PSM Transformation Journey</i></p> <p>Speaker <b>Zubair J. Awan</b> Manager HSE; Derivatives Park Management, ADNOC - Abu Dhabi National Oil Company</p> <hr/> <p><i>Best Practices for Writing Operating Procedures and Trouble-Shooting Guides</i></p> <p>Speaker <b>Muhammad Haider</b> Senior Process Safety Engineer, Sipchem</p>

18:00 - 20:00 **Gala Dinner**

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## Day 3 - Wednesday, 28 Sep 2022

Sheraton Dammam, Saudi Arabia

07:30 - **Registration**

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08:30 - 08:40 **Welcome Address**

Speaker

**Fahad Thani Al-Shammari** Sr. Manager, Process Safety CoE, SABIC

08:40 - 09:25 **Keynote**

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*Ask Better Questions – A Practical Approach to Improving Process Safety Culture*

Speaker

**Ms. Anne O' Neal** Fellow, AIChE and Manager, Process Safety Culture and Competency, Chevron

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*What will process safety look like in 2032?*

Speaker

**Mahmood A Rahim** General Manager – Refining, BAPCO

09:25 - 10:25 **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

Panelists

**Awad Shehri**, Aramco

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

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

**Majed Al Shangiti** Chief Information Officer, SATORP

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

10:25 - 10:50 **Poster Sessions**

Session Chair

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

Session Co-chair

**Vishal Chavan** Project Manager- Asia Pacific & Middle East, CCPS Middle East Process Safety Conference

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*An Argument for Process Safety - Can the Widespread Adoption of a Safety Case Framework and Regime Improve Risk Management in the Middle East Region?*

Speaker

**Abdurrahman Souka** Principal (Technical Safety) Consultant & Team Leader, Risktec Solutions (TÜV Rheinland Group)

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*Towards Effective Emergency Response (EROAT)*

Speaker

**Bassel Alderhalli** Engineer IV, Aramco

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*Physical Effects Modelling: Risk and Impact in an Offshore Facility – Case Study*

Speakers

**Bresly Danthy** Safety & Loss Prevention Engineer, Technip Energies

**Basil Fysal** HSE Design Engineer, Technip Energies

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*The Future of Nuclear Power Plant Safety: What Is after Zaporizhzhia Accident?*

Speaker

**Feras Ahmed** Chemical Engineering Student, King Fahd University of Petroleum & Minerals (KFUPM)

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*HFE- Valve Critically Analysis*

Speakers

**Ibrahim M. Balharith** Loss Prevention Engineer, Aramco

**Tirthankar Basu** Loss Prevention Engineer, Aramco

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*Developing and Implementing Barrier Management Process for Safety Critical Equipment*

Speaker

**Isiaka Niyi Yusuf** Loss Prevention Engineer, Aramco

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*Evaluation of the Maturity Level of the Process Safety Culture for Oil and Gas Industry Workers in a Region of the Middle East (Saudi Arabia)*

Speaker

**Leonardo Cotrufo** Lead Engineer, Aramco

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*Siting of Temporary Buildings during One Unit Shutdown in Petrochemical Complex*

Speaker

**Muhammad Hammad Bashir** Process Safety Engineer, Sipchem

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*EHS Critical Bypass Control- Reduced Duration and Improved PS Barrier Performance*

Speakers

**Nouman Khaleeq Butt** Lead Engineer, Process Safety, Arabian Petrochemical Company-Petrokemya

**Yasser A. Al Shaikh** Sr. Manager of Reliability, Maintenance and Inspection Departments, Arabian Petrochemical Company-Petrokemya

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*Enhancing Integrity Management of Aging Assets Using Risk-Based Methodologies*

Speaker

**Dr. Payam Jamshidi** Global Mechanical Integrity Lead, Siemens Energy

*The Safety Challenges of the Various Stages of Intermodal Transportation*

Speaker

**Roger Stokes** Principal Engineer, Baker Risk

*A Committed & Resilient Culture Is a Recipe for Success Every Time*

Speaker

**Usman Ali Mughal** Lead - Senior Process Safety Engineer, Fatima Fertilizer Company Limited

*Analysis of Safety and Security in Industry4.0-Enabled Remote Offshore Green Hydrogen Production*

Speaker

**Ahmed El-Kady** Research Assistant, TEES Mary Kay O'Connor Process Safety Center in Texas A&M University

*Identification and Assessment of Risks in Offshore Wind-Integrated Hydrogen Production System*

Speaker

**Ahmed El-Kady** Research Assistant, TEES Mary Kay O'Connor Process Safety Center in Texas A&M University

10:50 - 12:00 **Parallel Technical Sessions**

Sponsored by



Session 10: Process Safety Barriers Management	Session 11: Chemical Release and Reaction Hazard Management	Session 12: Business Leadership And Ownership In Forming And Sustaining Process Safety Culture (II)
<p>Session Chair <b>Abdulwahab Abdullah Al-Shahrani</b> Manager, Process Safety, Sipchem</p>	<p>Session Chair <b>Jamal Al-Ghamdi</b> Corporate Process Safety Director, Sadara Chemical Company</p>	<p>Session Chair <b>Ather Zia</b> Loss Prevention Engineer , Aramco</p>
<p><i>Vulnerability Model and Overpressure Exceedance Curve Approach for Risk Based Method in Building Risk Assessment Using Integral Model</i></p> <p>Speaker <b>Leonardo Cotrufo</b> Lead Engineer, Aramco</p>	<p><i>Reactive Chemical Program at Sadara Chemicals</i></p> <p>Speaker <b>Jonathan Molefi</b> Reactive Chemical SME, Sadara Chemical Company</p>	<p><i>I Am Accountable for Process Safety</i></p> <p>Speaker <b>Venkatesan Panneer Selvam</b> Lead Process Safety Engineer, SABIC - GAS</p>
<p><i>Effectively Manage Process Safety System Impairment System to</i></p>	<p><i>Runaway Reaction Prevention &amp; Risk Control</i></p> <p>Speaker</p>	<p><i>The Magic Bullet for Safety Citizenship: The Combined Impact of Leadership and Safety Culture</i></p> <p>Speaker</p>

## Prevent Catastrophic Incidents

Speaker

**Nileshkumar Patel** Process Safety Technology Leader, Sadara Chemical Company

*Business Case for PHA of Procedures (to Find the Accident Scenarios that are Otherwise Missed)*

Speaker

**Muhammad Hammad Bashir** Process Safety Engineer, Sipchem

**Omar Marghalani** Lead Process Safety Engineer, SABIC

**Dr. Shama Egbe** HSE Coordinator, Aramco

*PSM Integration and Unification Post Merger Transaction*

Speaker

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

12:00 - 12:45 **Prayer and Lunch Break**

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12:45 - 13:55 **Parallel Technical Sessions**

Sponsored by



Session 13: Process Safety Management Framework (II)	Session 14: Managing Process Safety Institutional Knowledge And Competency Development	Session 15: Human Factors with Focus on Best Practices and Lessons Learned
<p>Session Chair <b>Mahmood A Rahim</b> General Manager – Refining, BAPCO</p>	<p>Session Chair <b>Aqeel Riaz</b> General Manager – HSE&amp;T, Engro Polymer &amp; Chemicals LTD</p>	<p>Session Chair <b>William Bridges</b> President, Process Improvement Institute (PII)</p>
<p><i>Stimulation of Risk Awareness through Risk Containment Program</i></p> <p>Speaker <b>Abdulwahab Alshahrani</b> Process Safety Manager, Sipchem</p>	<p><i>HSE Capacity Building Program As an Example for Improving the PS Knowledge and Competency inside the Egyptian Oil and Gas Sector</i></p> <p>Speaker <b>Ali Ahmed Elkhallal</b> Process Safety Professional, ANRPC</p>	<p><i>Human Factors and Their Implication in Basic Process Control Systems (BPCS) and Emergency Shutdown Systems (ESDs)</i></p> <p>Speaker <b>Oscar Barajas Pinzon</b> Loss Prevention Engineer, Aramco</p>
<p><i>Effective Integration of OSH &amp; PSM for Enhanced HSE Performance &amp; Culture</i></p> <p>Speaker <b>Bala Siva Srikanth Adivi</b> TPL Specialist I (HSE), Kuwait Oil Company - KOC</p> <p>Co-Presenter <b>Majed Al-Mutairi</b> Team Leader HSE(NK), Kuwait Oil Company - KOC</p>	<p><i>Accelerate Process Safety Competent Workforce</i></p> <p>Speaker <b>Sultan Al-Harhi</b> Loss Prevention Engineer, Aramco</p>	<p><i>Human Factors in Process Safety</i></p> <p>Speaker <b>Roger McDaniel</b>, Aramco</p>
<p><i>The Power of Safety Assessment</i></p>	<p><i>Safety Barrier Management Using Integrated Techniques</i></p>	

Speaker

**Mohammed Al-Samin** LP  
Supervisor, Aramco

13:55 - 14:05 **Break**

14:05 - 15:25 **Session 16: Industry Process Safety Incidents Case Studies**

Session Chair

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

*Incident Root Cause Analysis & Lessons Learned from an Explosion at an Oil Refinery during Start up*

Speaker

**Akthar Quddus** Managing Director, MaxTrain International

*Learning lessons from incidents and near misses and managing repeatable data*

Speaker

**Andrew P. Bartlett** Solutions Consultant Global Solution Engineering , Sphera

*Improve Process Safety performance by learning from history and current trends*

Speaker

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

15:25 - 15:40 **Closing Remarks & Award Ceremony**

Master of Ceremony

**Lujain Alkharashi** Loss Prevention Engineer, Aramco

Speakers

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

**Rami I Nazer** Technical Support Unit Supervisor, Loss Prevention, 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

# PROGRAM

## Umesh Dhake

Associate Director, Asia, Oceania and & Africa  
Regions, CCPS  
Email: umesd@aiche.org

Organized by:



# REGISTRATION

## Vishal Chavan

Project Manager, Asia Pacific & Middle East, CCPS  
Email: vishc@aiche.org



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