

November 11, 2025

9:00 – 9:15 AM	WELCOME ADDRESS: Dr. Abdulrehman Aldeeb (Conference Chair), <i>Siemens Energy</i> & Shakeel Kadri , <i>CCPS</i>
9:15 – 10:05 AM Keynotes Session	KEYNOTE 1: Reimagining Process Safety in the Digital Age: The Strategic Role of AI and Big Data Ghassan Abulfaraj, <i>Saudi Aramco</i> KEYNOTE 2: Smarter & Safer: How AI is Transforming HSE Performance in Energy Abdel Rahim Mohamed Al Ali, <i>ADNOC Refining</i>
10:05 AM – 11:20 AM Panel Session Chairs: Daniel Mottaghi, <i>TotalEnergies</i> Kiran Krishan, <i>Shell</i> Jumaa Al Jneibi, <i>ADNOC</i>	PANEL DISCUSSION: From Insight to Action - AI-Powered Predictive Process Safety in Practice Panelists: - Bader Al Tenaiji, <i>ADNOC Onshore</i> - Gus Carroll, <i>Empirisys</i> - Abdullah Almousa, <i>Saudi Aramco</i> - Thomas Ostrowski, <i>BASF</i>
11:20 – 11:40 AM	Coffee Break
11:40 – 12:50 PM	SESSION 1: Practical Digitalization and AI Use Cases in Process Safety I
Session Chair: Tony Downes, <i>CCPS Emeritus</i>	From Signal to Strategy: Building the Digital Backbone for Reliable Production through AI-Augmented Asset Integrity Process Safety Transformation Salmeen Ayedh Alzoue, <i>ADNOC Offshore</i> Process Safety Presense™ in Eni Luca Basso Ricci, <i>Eni S.p.A.</i> AI-Driven Visual Monitoring: Advancing Process Safety and Site Operations through Real-Time Risk Intelligence Daniel Raj David, <i>Detect Technologies</i>
12:50 – 1:50 PM	Lunch
1:50 – 3:00 PM	SESSION 2: Dynamic Risk Modeling and Visualization I
Session Chair: Shashank Singh, <i>Reliance Industries Limited</i>	Barrier Management - Using a Live Bowtie Tool for Dynamic Risk Management in Hazardous Operations Florian Guinchard, <i>SBM Offshore</i> Modernizing Process Safety Management: From Static Assessments to Dynamic Risk Control Mariante van der Merwe, <i>Wolters Kluwer - Enablon</i> Dynamic Process Safety Barrier Management System Based on Risk Hierarchy Icaro Brito, <i>Petrobras Transporte</i>
3:00 – 4:30 PM	SESSION 3: AI Fundamentals for Safety Applications
Session Chair: Tony Downes, <i>CCPS Emeritus</i>	Understanding Artificial Intelligence (AI) fundamentals that are essential for successful engineering and process safety applications, empowering professionals to effectively utilize AI technologies. Invited Speakers: Daniel Raj David, <i>Detect Technologies</i> ; Ivo Dujmovic, <i>uc2c.ai</i> ; Morgan Walters, <i>Empirisys</i>
4:30 – 4:50 PM	Coffee Break
4:50 – 6:00 PM	SESSION 4: AI and Digitalization for Frontline Error Reduction
Session Chair: Dirk Roosendans, <i>TotalEnergies</i>	From Operational Uncertainty to Operational Assurance: A Human-Centered Framework for Real-Time Verification of Work in Safety-Critical Industries Neil Beekie, <i>OperAid Software Inc</i> Enhancing Safety Compliance: Automated Classification of Field Safety Inspection Reports Using Large Language Models Dalal Albdah, <i>Saudi Aramco</i> Building a Safer Workforce with Immersive Virtual Training Ivan Stjepanovic, <i>Siemens Industry Software</i>
6:00 – 6:30 PM Session Chair: Tijs Koerts, <i>EPSC</i>	RECEPTION & POSTER SESSION

Note: Posters will be displayed during all breaks, Lunches, and at the Reception

November 12, 2025

9:00 – 9:15 AM	WELCOME ADDRESS: Hans Schwarz, Conference Co-Chair & Tijs Koerts, EPSC
9:15 – 10:05 AM Keynotes Session	KEYNOTE 3: Artificial Intelligence or Intelligence Augmentation for Safer Processes? Dr. Faisal Khan, <i>Mary Kay O'Connor Process Safety Center</i> KEYNOTE 4: Transforming Process Safety: Elevating Safety Through the Power of Applied AI Dr. Pratap Nair, <i>Ingenero</i>
10:05 – 11:20 AM Panel Session Chairs: Arturo Trujillo, <i>DEKRA</i> Shashank Singh, <i>Reliance Industries Limited</i> Abdulrahman Alamer, <i>Aramco</i>	PANEL DISCUSSION: Transforming Process Safety through AI Panelists: - Bhushan Nigale, <i>SAP SE</i> - Jessica Morris, <i>BakerRisk</i> - Mohammed AlMousa, <i>CNTXT</i> - Michael Pfeife, <i>TÜV SÜD</i>
11:20 – 11:40 AM	Coffee Break
11:40 AM – 12:50 PM	SESSION 5: Practical Digitalization and AI Use Cases in Process Safety II
Session Chair: Abdulrahman Alamer, <i>Saudi Aramco</i>	Smarter Safety: How AI and Digital Tools Transform Frontline Risk Management Roland Kovacs, <i>Norsk Hydro ASAb</i> Evolving Theme Analysis to Identify Early Indicators of Process Safety Risk Using Observation Data from North Sea Oil & Gas Operators Morgan Walters, <i>Empirisys</i> AI Integration with Satellite-Based Technology for Methane Leak Detection and Long Surveillance Mahfoodh Al Asi, <i>OQ</i>
12:50 – 1:50 PM	Lunch
1:50 – 3:00 PM	SESSION 6: Asset Integrity Predictive Analytics, Machine Learning, and Safe Plant Operations
Session Chair: Jumaa Al Jneibi, <i>ADNOC</i>	AI-Powered Asset Integrity and Performance Management: From Predictive Diagnostics to Prescriptive Intelligence Mayuresh Mokal, <i>Ingenero</i> Advanced Gas Mapping and Quantification Technology Abdulrahman Almulhim, <i>Saudi Aramco</i> Empowering Operators with a Multi-Agent Chatbot for Enhanced Problem-Solving Patrick Mueller, <i>Siemens Energy</i>
3:00 – 4:30 PM	SESSION 7: AI Applications in HAZOP
Session Chair: Gus Carroll, <i>Empirisys</i>	Leveraging Big Data from PHAs and API 556 to Enhance Risk Evaluation in Furnaces Kevin Schanton, <i>YPF S.A.</i> Employing AI to Enhance PHA Efficiency Ian Sergo, <i>AcuTech Group, Inc.</i> AI-Enabled HAZOP: Automating Hazard Scenario Development and Risk Classification Saaiarjun Nagarajan, <i>IRES</i> Roadmap for HAZOP by AI Achmad Anggawirya Alimin, <i>TU Delft</i>
4:40 – 6:00 PM	SESSION 8: Dynamic Risk Modeling and Visualization II
Session Chair: Eline Beulens, <i>Acutech Consulting Group</i>	From Reactive to Proactive: Dynamic Risk Mitigation with RiskPulse Shashank Singh, <i>Reliance Industries Limited</i> Operational Risk Management - Managing Emerging Risk to Maintain ALARP. Taif Alyammahi, <i>Borouge</i> Live Barrier Health in Process Safety Michael Scott, <i>aeShield</i>
6:00 – 6:20 PM	Close of Conference & Plan for 2026

Note: Posters will be displayed during all breaks, Lunches, and at the Reception