



Oil & Gas Automation & Digitalization Conference 2025

Oct 06-07, 2025 | 2712 Southwest Freeway | Houston, TX, USA 77098

Leveraging The Technology Innovation & Digital Revolution



Our previous & current sponsors/partners:



Day 1
Monday, Oct 06, 2025

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30	Registration & Refreshment Networking	
09:00	The Energy Industry's requirements for real-time Trusted Quality-Assessed Data enable greater confidence in AI/ML technologies and accelerate insights for better business decisions. • New industry standards for Trusted Data spark greater integration and interoperability in the cloud • Real-time data validation enables greater automation minimizing downtime and enhancing productivity • The Critical Role of Production Data Verification in Production Optimization and Analytics  Ryan Jarvis Chief Technology Officer, Rock NRG 	
09:30	Session Title: Confirmation in Progress` • Session details along with key topics will be updated soon • Title - 2 • Title - 3  Speaker Details yet to published Detection Technologies 	
10:00	Case Study - Using Automation to Increase Drilling Operational Efficiencies & Reduce Downtime Related to Overpressure Events • This case study presentation will discuss current methods being used in drilling operations related to high pressure and the industry challenges faced with high pressure events. • It will also discuss a new method using automation to increase drilling operational efficiencies including increased ROP (rate of penetration) and eliminating high pressure events. • It will also discuss the drilling/operational results seen during field trial use.  Brett Shuman Director of International Sales & Global Accounts, E3 Company 	
10:30	Blockchain and Digitalization: How will blockchain technology accelerate the digitalization of the energy sector • Key drivers for digitalization of the energy sector • Role of blockchain in accelerating energy sector digitization • Digitizing Measurement, Reporting and Verification- Guaranteeing the origin of fuels using blockchain"  Dr. Mohsen Khorasany Head of research and innovation, TYMLEZ 	
NETWORKING BREAK		11:00 [30 min]
11:30	Available Session	
12:00	Securing Remote Operations for Critical Infrastructures • Remote access is becoming a necessity for OT and there are countless reasons from professionals running offshore oil rigs other critical facilities needing 24/7 access from anywhere. But providing that access has traditionally been too complex and fraught with security issues as exposing critical infrastructure to the "outside" greatly expands the attack surface for hackers.  Bill Moore CEO and Founder, XONA 	
12:30	Leveraging IoTdata in the Cloud with IoBase: • Feedback from Terega digital transformation • Securing our industrial sites while using public cloud capabilities • Deliver faster with an agile OT/IT infrastructure  Thomas Delquie CTO, Terega 	
13:00	Available Session	
LUNCH AND NETWORKING BREAK		13:30 [1 hour]
14:30	Session Title: Confirmation in Progress` • Session details along with key topics will be updated soon • Title - 2 • Title - 3  Samvedna Chaudhary Chief General Manager, Pipelineinfra 	
15:00	Innovative Real-Time Product Quality Prediction and Control Through AI-Driven Machine Learning Integrated with Advanced Process Control (APC) @ BPCL Kochi Refinery • Developed machine learning models to predict quality of diesel streams. • Deployed models using unique architecture (developed in-house) to predict quality in real-time. • Integrated the prediction with Advanced process control, thus bringing it in closed loop.  Saurabh Gupta Ch. Manager, Didital, BPCL KR 	
15:30	Available Session	
16:00	Booked for Omaimah Osa Almarikhi	
END OF DAY 1		

Day 2
Tuesday, Oct 07, 2025

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30

Registration & Refreshment Networking



09:00

Scalable, IoT-Enabled Energy Monitoring to Optimize the Performance and Uptime of Upstream and Downstream Assets

- Due to high capital costs, many non-critical, but essential assets are not proactively monitored in refinery operations, requiring manual tracking and reporting and often resulting in lost revenue and process downtime when equipment fails
- Vutility is helping a major energy producer add real-time visibility throughout their refinery operations with our HotDrop technology
- Previously, the organization had invested well over six figures and several months of planning and installation (1000'+ of poles and wire) to add incremental monitoring to individual essential (but non-critical) assets



Joel Berntsen
Vice President of Strategy and Partnerships, **Vutility**



09:30

Sustainability led Transformation

- Geopolitical uncertainty, clean energy technology development, and high inflation challenge the oil and gas industry's transition strategies.
- Digital twins optimize operations, predictive maintenance, disaster management, and immersive training for safety and innovation in oil and gas.
- Sustainability prioritizes accurate disclosures, reducing carbon footprints, & adapting to climate threats with investments in resilience & efficiency.



Sree Muktevi
Regional Vice President, **Yash Technologies**



10:00

Available Session

10:30

Available Session

NETWORKING BREAK

11:00 [30 min]

11:30

Utilizing Real-time Upstream Applications for Improved Efficiency and Production

- Advanced AI/ML in Upstream, Seamless Digital Integration



Jim Brigman
Principal and Managing Director, **Ingenero**



12:00

Digital Twin Empowering Energy Solutions of the Future

- Digitalization vs Success Digital Transformation – Why some digital transformations fail?
- Need for a Digital Twin and How to Think about it Holistically.
- Digital Transformation Avenues
- Benefits of Digital transformations
- Future of Digital Twin



Anupam Acharya
Sr. BD Manager , **technip energies**



12:30

Available Session

13:00

Unlocking Efficiency of Offshore Drilling Operations by Digitalizing Information Workflow

- Digitalizing the information flow between the Oil Companies well plan information and the drilling contractor operating offshore rig brings significant value. Digital real-time drilling program information benefits to all the involved parties in a drilling operations, including Drilling Contractor, Operator, and Service Companies, both, at the drilling site and remote-control center, by directly connecting front-line operation teams with the required instructions to drive efficient drilling operations.
- Digitalizing of the information flow significantly improves situational awareness, coordination, preparedness, communication, and transparency and thereby providing more efficient and consistent drilling operations.



Esben Thorup
CEO, **Horizon56**



LUNCH AND NETWORKING BREAK

13:30 [1 hour]

14:30

Available Session

15:00

Available Session

15:30

How robust Cybersecurity solution can help in reliable Digitization of Oil and gas industries

- Oil and gas cybersecurity faces unclear policies, outdated control systems, poor network separation, and inadequate security measures offshore.
- Cybersecurity issues stem from staff's lack of awareness, legacy systems, and reliance on IT controls for OT.
- Address challenges by training staff, deploying cost-effective OT security, hiring experts, and adjusting operational workflows for security.
- State of the art in cybersecurity technologies that address the above challenges.



Shantanu Bhattacharya
CEO, **Siometrix**



16:00

Available Session

END OF DAY 2