

DATA:
driven Oil & Gas

Data Driven Oil & Gas Conference & Exhibition 2026

Sep 01-02, 2026 | 2712 Southwest Freeway | Houston, TX, USA 77098

Shaping the Next Era of Oil & Gas with Data-Driven Decision Making

3 ways to
register

www.ptnevents.com/conferences/datadriven-oil-and-gas
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Day 1
Tuesday, Sep 01, 2026

● Sponsored Sessions ● Booked Sessions ● Available Sessions

07:30

Registration & Refreshment Networking



09:00

Available Session

09:30

Creating Value through AI Developments in Seismic Data Processing – Time is Money

- Introducing seismic data processing and imaging, the most computation and data-intensive work step in the oil and gas industry
- Data driven or model driven – posing a question on how to make AI tools profitable in seismic processing
- No pain no gain – sharing lessons learned from developing AI solutions to ensure both quality and efficiency
- Speed is key – showing case studies where our AI solutions generate business value



Shuzhen Ye

Citizen Data Scientist at Processing Geophysics,

Shell



10:00

Redefining the Audit: A Digital Blueprint for Hydrocarbon Measurement, Governance, and Compliance

- In an era where digital transformation is often more buzz than breakthrough, how do you turn fragmented field real-time data into regulatory trust, financial clarity, operational control, and financial clarity?
- Dr. Daere Akobo, CEO of AKD Digital Solutions, presents a compelling case study on Measurement di²to², the first end-to-end digital audit and hydrocarbon measurement platform for the upstream oil and gas sector.
- The session will explore how digital twins, AI-enabled analytics, GIS-powered asset mapping, and closed-loop governance are reshaping and redefining regulatory and commercial engagements at a national scale.
- Whether you're managing field assets, reconciling volumes data across a fragmented ecosystem, or accountable for revenue assurance, di²to² shows how to build a future-ready, digitally governed operation that moves beyond compliance and toward precision and performance to deliver measurable precision, trust, and performance.



Dr Daere Afonya-a Akobo

Chairman/GCEO,

PANA Holdings



10:30

From Data Chaos to Business Value: Leveraging Advanced Analytics in Oil & Gas to Drive Efficiency, Growth, ESG Leadership, and Smarter Investment Decisions

- Discover how advanced analytics transforms overwhelming oil & gas datasets into actionable insights that optimize operations, reduce costs, and accelerate value creation across the energy value chain.
- Learn how predictive analytics and AI improve forecasting, streamline supply chains, and enhance asset benchmarking—empowering operators, service companies, and investors to make faster, smarter business decisions.
- Explore real-world use cases where analytics drove financial impact, supported ESG compliance, and unlocked new growth opportunities including M&A benchmarking .



Zinaw Tesemma

Head of North America Data,

Welligence Energy Analytics



11:00

Available Session

11:30

Maximizing Gas Efficiency and Sustainability Through SMART: A Digital Approach to Demand Forecasting and Supply Optimization

- Leveraging the SMART tool for real-time demand forecasting and optimized supply planning
- Enhancing gas allocation to national power generation during peak consumption periods
- Utilizing digital analytics to schedule outages and maintain pipeline inventory health
- Reducing crude burn and CO₂ emissions through maximized natural gas production



Nasser Busbait

SR ENGINEER,

Aramco



LUNCH AND NETWORKING BREAK

12:00 [1 Hour]

13:00

Revolutionize Operational Decision Making: Enabling Data-Infused 3D Perspectives

- Pillars of high value digital twin solutions, industry trends in digitalization, the abundance of data, and common challenges in traditional operations
- facilitating holistic intelligence for equipment and work processes, redefining decisions on site by leveraging interoperable digital twin architecture
- The importance of progressive implementation for impactful ROI and adoption



Meaghan Snethlage

Director of Client Development,

Veerum



13:30

Available Session

14:00

Available Session

NETWORKING BREAK

14:30 [30 Min]

15:00

Session Title: Confirmation in Progress

- Benefits of SMR's for Data Centers and AI servers – Our next tier of life Artificial General Intelligence (AIG)
- Achieving Cost Reduction at Scale: Lessons from France's Model for Building These Reactors
- Safety Challenges associated with projected increased density of nuclear reactors within civic locations



Saeed Mehmood

Program Manager - Commissioning and Quality,

Tesla



END OF DAY 1

Day 2
Wednesday, Sep 02, 2026

Sponsored Sessions Booked Sessions Available Sessions

07:00

Registration & Refreshment Networking



09:00

Available Session

09:30

Available Session

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

Available Session

11:00

Orchestrating Value And Adoption: Key To Successful Digital Engineering Transformation

- Challenges in achieving full value potential from digital transformations (given the Complexity, heterogeneity, and maturity of transformation initiatives)
- Our Approach: Integrated Value Office as custodian for all initiatives Stakeholder is key: "Business-led with digitally support". Gather substantial support and recognition from various stakeholders e.g., business owners, finance etc.
- Ensure that right value is generated from transformation initiatives. Value hunting as top priority when pursuing innovation and business objectives. Value Obsession Framework (VOF) clear stage-gates across the value creation process. Well-defined Standard Operating Procedure (governance process)



Kamilah Jamil
Senior Manager,
Petronas



Faidsal Farid
Senior Manager,
Petronas



11:30

Available Session

LUNCH AND NETWORKING BREAK12:00 [1 Hour]

13:00

Transforming Construction Planning with XR for AWP Sequences

- Introduces collaborative XR technology, enabling users to visualize construction projects in 3D and discuss plans in a virtual environment.
- Highlights XR's benefits for intuitive design understanding across disciplines, promoting faster decision-making and project visualization before construction.
- Demonstrates smoother project execution and efficiency improvements through case studies of AWP in immersive XR environments.



Syful Anwa Mustafa
Project Excellence,
Petronas Dagangan Berhad



Ahmad Muizuddin Talib
Project Excellence,
Petronas Dagangan Berhad



13:30

Available Session

14:00

Laying the Groundwork: Why AI and Digital Transformation Depend on a Strong Industrial Data Foundation

- Explore how Oil & Gas companies can assess and close industrial data gaps that slow AI and digital transformation efforts.
- Understand strategies for building a contextualized, real-time data infrastructure that bridges OT and IT systems.
- Understand the key components of an Industrial Data Strategy.
- Learn how Oil & Gas leaders are building an enterprise data architecture and leveraging AI.
- See how Industrial DataOps technology enables faster, more scalable deployments of AI, analytics, and automation across the enterprise.



John Harrington
Chief Product Officer,
HighByte



14:30

Available Session

END OF DAY 2