

OIL AND GAS **AUTOMATION & DIGITALIZATION CONFERENCE 2021**

22 - 24 September 2021

100% Virtual Event

Exploring The Future Of Digital Transformation



The Largest Virtual Oil and Gas Exhibition For
DIGITAL TRANSFORMATION, IoT, AI & ML

www.ogad-conference.com

Organized By
Petroleum Trade Network

About Event

OGAD2021 creates an Opportunities to boost Profitability and Strategies to Maximize Efficiencies in Oil and Gas Production.

This conference brings together key players of the oil & gas industry, to probe and explore winning strategies and technologies, by means of digitalization in dealing with the current and future challenges of the upstream, midstream and downstream sector.

This event is a platform bringing the entire Oil and Gas Sector together along with IoT, AI/ML and digital solution providers to discuss the latest developments and best practices for digital transformation in the industry.

Digitalization including AI, IoT and Blockchain has made a huge impact on helping operating companies improve operational efficiency, eliminate unplanned downtime, improve safety, and reduce overall costs.

With an intense 3-days agenda, the conference seeks to expand in-depth discussions, techniques and applied knowledge along with technological challenges of oil & gas digitalization. You will gain insights from the best in the industry and make lifelong friends.

Moving forward with the success of the inaugural conference, the Oil and Gas Automation and Digitalization – 2021 will once again hold a promising meeting place for the industry, through its interactive sessions, highlighting the latest Digital Developments in the oil and gas.

WHO SHOULD ATTEND ?

Chief Technology Officers, Chief Data Officers, Head of Technology, Head of IT, Head of Data, Director of IT, Director of Digital & Data, Director of Technology, Director of AI & Analytics, Director of Systems & Heads of Strategy & Planning from:

- Exploration & Production companies
- Oil services companies
- Drilling companies
- Refineries
- Pipeline operators
- Governmental bodies
- Equipment Manufacturers
- Software & IT

As well as Heads of Marketing, MDs, Heads of Oil and Gas & Heads of Business Development from oil services, drilling, software, hardware, communication and integration solution providers.



450+
Attendees



36+
Speakers



280+
Companies



20+
Showcase
Demos



25
Countries



40+
Media
Partners

Meet Our Speakers



Shaji John
Digital Solutions Lead
Pioneer Natural Resources Company



Ammar Sabbagh
Global Business Development
Ericsson



Yingchao "YZ" Zhang, Ph.D.
Vice President of Corporate Development
Singularity Systems



Anna Moffat
Assistant Rig Manager
KCA Deutag Drilling Ltd



Brian Anderson
VP of Product
Expeto



Kyle Kelin
Senior Director
Avanade



Giuseppe Felice
Business Development Manager
Resco



Jerome Farquharson
Principal & Sr. Director, Compliance & Infrastructure Protection Group
Burns & McDonnell



Michal Paulski
Senior Manager
Accenture



Girish Nair
Senior Business Process Consultant, SAP America
SAP



Keith Holdaway
Advisory Industry Consultant
SAS



Ignasi Vilajosana
CEO
Worldsensing



Brian Romansky
Chief Innovation Officer
Owl Cyber Defense



Jess Kozman
Senior Principal Consultant
Katalyst Data Management



Nick Mayhew
Chief Commercial Officer
Axora



Dipak Patki
Process Automation, Control & Optimization Manager
Shell

Meet Our Speakers



Rafiq Khurshid

Data Loss/Leakage Prevention (DLP) Consultant

Saudi Aramco



Haavard Oestensen

Vice President Business Development

Kongsberg



Pratap Nair

Founder Director, President & CEO

Ingenero



Pritesh Bhoumick

Senior Data Scientist

Enbridge



Julian Zec

Senior digital program manager

Maersk Drilling



Vitor do Valle

Head of Centre of Excellence in UX and Digital Technology

Petrobras



Raj Rapaka

Upstream Digital Transformation Advisor

Exxon Mobil



Steve Shah

SVP, Product

Automation Anywhere



Steve Aitken

Founder

Intelligent Plant



Satyam Priyadarshy

Managing Director - IC and Technology Fellow and Chief Data Scientist

Halliburton



Jason Olbekson

Global Industry Director - Oil and Gas

Salesforce



Petter Mathisen

VP Software at AGR.

DNV



Nimantha Baranasuriya

Co-Founder and CEO

Ackcio



Philip Black

Global Emerging Solutions Lead, Digital & Technology

Wood Group



Uwe Scherf

Global Senior Advisor IIoT

WIKA



Espen Krogh

Chief Executive Officer

Prediktor AS

Meet Our Speakers



Arthi Vasudevan
Senior Product Manager,
Cybersecurity
Baker Hughes



Daniel Cahalarn
Construction Solutions
Divisional Director
Asset55



Arnel Santos
EVP and Chief
Operating Officer
mCloud Technologies



Hussain Kassem Wasly
IT Director
**Jubail Energy Services
Company**



Bill Lawrence
CISO
SecurityGate



Srikanth Muralidhara
Co-Founder & Chief
Customer Officer
Flutura



Andrew Marshall
Director of Product
Development
Flyscan



Kevin Rush
Senior Data Scientist
Enbridge



Erima Goyal
Data Science Leader



Bryce Bjornvick
Founder
**Midstream Process
Solutions**



Osama Hanna
Industry Digital Strategist
Microsoft

Oil and Gas Automation & Digitalization Conference 2021

AGENDA 2021

Day 1, Wednesday, 22 September 2021, Eastern Time (ET)

09:45 *Welcome Speech*

10:15 **Efficient Field Operation Scheduling and Dispatching**

Shaji John | Pioneer Natural Resources

10:30 **How dedicated Cellular Networks and IoT are fueling oil and gas digitalization and transformation**

Ammar Sabbagh | Ericsson

11:00 **Artificial Intelligence (AI) for Midstream Safety Solutions: increase safety, compliance and process efficiency, while mitigating risk**

Yingchao Zhang | Singularity Systems & Bryce Bjornvick | Midstream Process Solutions

11:30 **The Well of Innovation suite of digital tools that add value to drilling operations**

Anna Moffat | KCA Deutag Drilling

12:00 **Utilizing Hybrid Private Mobile Networks to Improve Productivity**

Brian Anderson | Expeto & Kyle Kelin | Avanade

12:30 **Mobile Field Service Management: Reducing costs – and your Carbon Footprint**

Giuseppe Felice | Resco

13:00 **Securing The Links In The Chain: Understanding Risk Management In The Supply Chain**

Jerome Farquharson | Burns & McDonnell

13:30 *Networking Break*

14:00 **Avoiding pitfalls of the past in cybersecurity**

Michal Paulski | Accenture

14:30 **Digitalization in Hydrocarbon Inventory Management at Oil and Gas Client**

Girish Nair | SAP

15:00 **Leveraging Proactive Predictive & Prescriptive Maintenance Strategies to Improve Reliability and Precision & Minimize Downtime**

Keith Holdaway | SAS

15:30 **IoT-Enabled Monitoring of Oil & Gas Assets**

Ignasi Vilajosana | Worldsensing

16:00 **Methane Detection efforts using Satellites & IOT devices**

Osama Hanna | Microsoft

16:30 **Best Practices for Digitalized Subsurface Data on Cloud**

Jess Kozman | Katalyst Data Management

17:00 *End of Day 1*

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AGENDA 2021

Day 2, Thursday, 23 September 2021, Eastern Time (ET)

09:30 **Best Practices for Secure Cloud Connectivity**

Brian Romansky | Owl Cyber Defense

10:00 **How will Digital Determine the Future of Oil and Gas?**

Nick Mayhew | Axora

10:30 **Leveraging Digitalization, Reduce Unplanned Downtime and Optimize Maintenance Processes**

Dipak Patki | Shell

11:00 **Protect sensitive data in the cloud**

Rafiq Khurshid | Saudi Aramco

11:30 **How can a Digital Twin drive innovation & transformation**

Haavard Oestensen | Kongsberg

12:00 **Best Practices and Case Studies of Digitalization - Business Objectives and Technology Alignment**

Pratap Nair | Ingenero

12:30 **Digitization using ML and Analytics for Midstream Pipeline Integrity and Optimization**

Pritesh Bhoumick | Enbridge

13:00 **Digital maintenance as key enabler of efficient Operations**

Julian Zec | Maersk Drilling

13:30 *Networking Break*

14:00 **The Application of VR/AR/XR Immersive Technology in Oil and Gas**

Vitor do Valle | Petrobras

14:30 **Emerging Digitalization Technologies - Blockchain in Oil & Gas and its Applications**

Raj Rapaka | Exxon Mobil

15:00 **The Bots are Coming: You can Leverage Robotic Process Automation to your Advantage**

Steve Shah | Automation Anywhere

15:30 **Discoveries in delivering an Industrial App Store**

Steve Aitken | Intelligent Plant

16:00 **DEEP compounded disruption to move ahead from digitalization to digital transformation at an accelerated pace**

Satyam Priyadarshy | Halliburton

16:30 **Next-generation Digital Maintenance Practices in O&G**

Jason Olbekson | Salesforce

17:00 *End of Day 2*

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Day 3, Friday, 23 September 2021, Eastern Time (ET)

09:30 Digital approach to the Well and Geology screening process for Carbon Capture and Storage

Petter Mathisen | DNV

10:00 Improving Productivity and Safety of the Oil and Gas Industry via Long-Range Wireless Mesh Technology

Nimantha Baranasuriya | Ackcio

10:30 Digital Transformation won't succeed until the focus expands to include these Tools

Philip Black | Wood Group

11:00 Reverse and Forward digitalization The Yin & Yang of IIoT implementation

Uwe Scherf | WIKA

11:30 A digitization playbook for heavy asset industries is emerging

Espen Krogh | Prediktor AS

12:00 Industrial Cybersecurity – A Catalyst for Digital Transformation

Arthi Vasudevan | Baker Hughes

12:30 Failure to finish - the last 25% takes up to 50% of the overall duration

Daniel Cahalarn | Asset55

13:00 Case studies in digitalization and the pathway to net zero

Arnel Santos | mCloud Technologies

13:30 *Networking Break*

14:00 Digital Disruption

Hussain Kassem Wasly | Jubail Energy Services Company

14:30 When IT becomes an OT Nightmare

Bill Lawrence | SecurityGate

15:00 Digital Twin for Net Zero & Sustainability Outcomes

Srikanth Muralidhara | Flutura

15:30 Digitalization on Pipeline Right-of-Way information and Automation of Risk Management

Andrew Marshall | Flyscan

16:00 Data Science and Digitalization in O&G Retail

Erima Goyal

16:30 Closing Remarks

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About Organizer

Petroleum Trade Network is a global business events and consulting firm that provides a wide range of business services to a diversified client base.

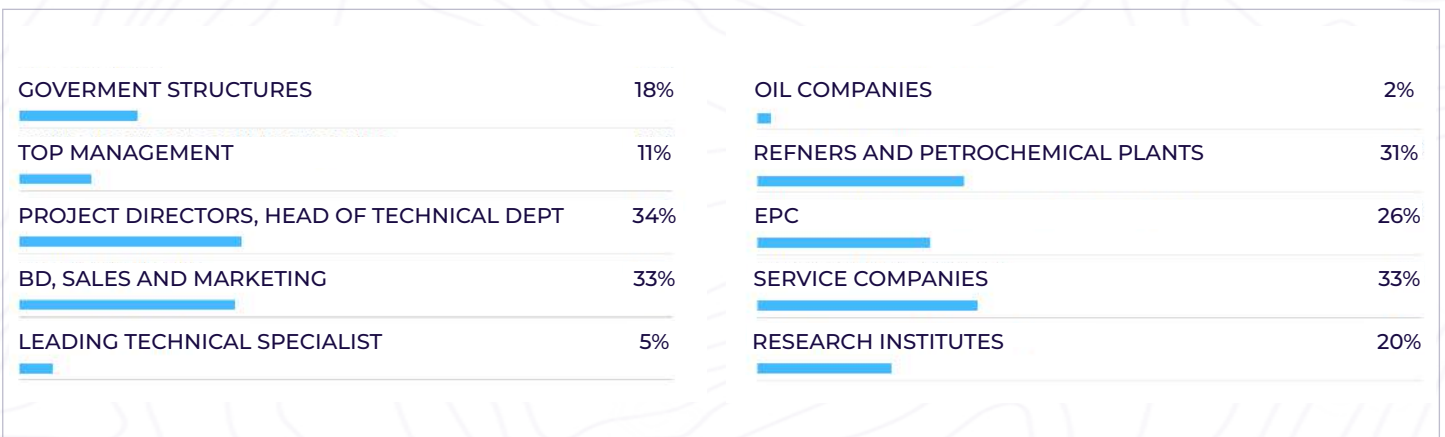
A leading organizer of commercial and knowledge-based top-level conferences: Petroleum Trade Network brings together operators, drilling companies, EPC's, technology solution providers and thought leaders, to discuss the cutting-edge technologies that are changing today's Oil and Gas industry.

PTN is managed by a team of professional oil and gas consultants with good expertise in successfully developing business events, conferences and consulting for corporates, governments, associations and high-net-worth individuals across the industry.

We are known for smooth event delivery. Our staff have been directing, producing, managing and digitizing top-level conferences that connect businesses with opportunities through conferences, expos, demand generation and consulting services.

Our mission is to add value to our clients' sales and marketing engagements and business development activities.

Statistics of Previous Conference



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L O O K I N G **FORWARD**

At PTN events we are committed to continuously developing our business, with a focus on the needs of our customers, partners and employees.

ارامكو السعودية
Saudi Aramco



“It was my pleasure working with PTN team. I will say the event was very professionally organized, giving the chance of meeting quite extensive clients and good networking.”

Rafiq Khurshid

At Saudi Aramco

OUR FLAGSHIP EVENTS

We organize summits, conferences and trade shows for Oil&Gas and Supply Chain Professional all around the globe to create more opportunities in those segments. It is a perfect international platform for manufactures, suppliers or exhibitors who are looking to grow their market.

OIL & GAS
**AUTOMATION AND
DIGITALIZATION
CONFERENCE**

45+
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450+
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Media Partners

38+
Speakers

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CONFERENCE 2022**

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Exhibiting Companies

550+
Participants

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Speakers

**DIGITAL
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