

OIL AND GAS

DIGITAL TWIN CONFERENCE 2022

11th - 13th May 2022 | 100% Virtual Event

Connect with 650+ decision makers from O&G majors, EPCs, refineries, pipeline operators, drilling operators, and other big companies at our most prominent exhibition area.



www.digital-twin-conference.com

Organized By **ptn** events

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About Event

DTWIN22 creates an Opportunities to boost Profitability and Strategies to Maximize Efficiencies

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 Digital Twin Conference – 2022 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.

WHY SHOULD ATTEND ?

- Uncover the latest advances and innovations in IoT & Machine learning in the Oil & Gas sector
- Interactive format: Hear world class case studies from leading industry leaders and keynote speakers.
- Find real-world, practical solutions to your challenges from 25+ leading industry thought-leaders
- Accelerate your learning journey by investigating the newest and latest technologies
- Network with peers and exchange ideas in a space, which is new, uncertain and rich in opportunity
- Meet the entire Oil & Gas value chain from producers, operators, oil services companies and technology providers

WHO SHOULD ATTEND ?

- Chief Executive Officer
- Chief Technology Officer
- Chief Digital Officer
- Chief Operating Officer
- Chief Development Officer
- Chief Innovation Officer
- Chief Financial Officer
- Presidents
- Vice Presidents
- Directors, Heads
- Superintendents
- Managers, Stakeholders

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.



550+

Attendees



35+

Speakers



250+

Companies



25+

Showcase
Demos



25

Countries



25+

Media
Partners

Meet Our Speakers



Vinayak Kharche
Head Of Information
Management
Mundra Petrochem



Craig Harclerode
Global O&G and HPI
Business Development
Executive
AVEVA



Atheer Alattar
Lead Data Scientist
TIBCO



Russ Sagert
Director Business Development:
Energy, Manufacturing, Natural
Resources, Retail
NetApp



Ranjit Panchal
Director - Marketing
Ingenero



Kaleb Houck
Digital Twin Research Scientist
Idaho National Laboratory



Stelios Panaretos
IT RETAIL MANAGER
Motor Oil Hellas



Vitor Do Valle
Head of Centre of Excellence
in UX and Digital Technology
Petrobras



Pankaj Srivastava
Joint General Manager - IT
Nayara Energy



Tom Ralston
Digital Process Engineering
Business Development
MySep Pte Ltd



Carlos Ruiz
Product Manager, Energy
Management Visual MESA
KBC



Wassim Ghadban
Vice President, Global Innovation
& Digital Engineering
Kent PLC



Saad Kisra
Global Head of Process
Simulation
Schlumberger



Rafiq Khurshid
IT Specialist
Saudi Aramco



Arthi Vasudevan
Senior Product Manager,
Cybersecurity - Nexus Controls
Nexus Controls LLC



Petteri Vainikkka
Vice President of Product
Marketing
Cognite

Meet Our Speakers



Tihomir Kezic

Operational Excellence
Director, Global Process
Owner for new Collaborative
Bureau Veritas Group



Kevin Bauer

Globla Business Development
Manager BIM & Digital Twin
Siemens AG



Brett Vogt

Director at Project Consulting
Services
Project Consulting Services



Reserved

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Enerkeen



Misha Askerka

Director, Analytics
Validere



Jean-Frederick Duquette

Lead Simulation and Virtual-
ization - SMART Solutions
WSP



Billy Milligan

Solutions Development Lead
Howden



Giuseppe Trefiletti

Digital Transformation
Manager
Saipem



Gerardo Muñoz

Product Marketing Manager
Aspen Technology



Jordi Breda

Founder & CEO
TicTAP - Simply Connect



Wim Moyson

Consultant
MySep Pte Ltd



Andrea Mancini

Senior Engineering Manager,
Europe & CIS
Honeywell



Jude Iyinbor

Chartered Mechanical Engineer
BVS

OIL & GAS DIGITAL TWIN CONFERENCE 2022

Opportunities to Boost Profitability and Strategies to Maximize Efficiencies in Oil and Gas Production

AGENDA 2022

Day 1

Wednesday, 11 May 2022

Eastern Time (ET)

09:45 Welcome Speech

10:00 Information Model and Digital Twin - Creating Value from Data
Vinayak Kharche | Mundra Petrochem Ltd

10:30 The Digital Asset – The Foundation for “Analytics”, Digital Transformation, OpEx, and Decarbonization
Craig Harclerode | AVEVA

11:00 Real Time Completion Surveys and Analysis
Atheer Alatter | TIBCO Software

11:30 Networking Break

12:00 Reserved

12:30 Reserved

13:00 Overcoming Complexities of Deploying Additional Advanced AI/ML Analytics
Russ Sagert | NetApp

13:30 Reserved

14:00 Beartooth: Applying Digital Twin to Advanced Nuclear Fuel Cycles
Kaleb Houck | Idaho National Laboratory

14:30 Networking Break

15:00 Oil & Gas Retail sites – Digital Transformation
Stelios Panaretos | Motor Oil Hellas

15:30 Digital Twin, extended Realities and Metaverse
Vitor Do Valle | Petrobras

16:00 End of Day 1

OIL & GAS DIGITAL TWIN CONFERENCE 2022

Opportunities to Boost Profitability and Strategies to Maximize Efficiencies in Oil and Gas Production

AGENDA 2022

Day 2

Thursday, 12 May 2022

Eastern Time (ET)

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| 09:30 | Sustainable Digital Twinning: Why is it Time to think now, for the Future
Pankaj Srivastava Nayara Energy |
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| 10:00 | Production Process Digital Twins – Real Value Mandates Modelling Rigour
Tom Ralston & Wim Moyson MySep |
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| 10:30 | Real-time, Model Based Digital Twin for Energy and Emissions Management
Carlos Ruiz KBC |
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| 11:00 | How to Achieve Efficiency in asset lifecycle development and operations by digital twin
Wassim Ghadban Kent PLC |
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| 11:30 | Optimization of Facilities using Auto-Calibrated Hybrid-Based Digital Twins
Saad Kisra Schlumberger |
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| 12:00 | Networking Break |
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| 12:30 | AI-Based Intelligent Data Loss Incident Response Plan
Rafiq Khurshid Saudi Aramco |
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| 13:00 | Industrial Cybersecurity – A Catalyst for Digital Transformation
Arthi Vasudevan Nexus Controls LLC |
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| 13:30 | Brownfield Digital Twins - A crash course
Petteri Vainikkka Cognite |
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| 14:00 | Condition Based Maintenance: Technological Solutions for Effective Implementation
Tihomir Kezic & Jude Iyinbor Bureau Veritas Grou |
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| 14:30 | Networking Break |
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| 15:00 | Digital Twins for Smart Buildings to Unlock your Business Potential Based on Real Customer Projects, not just Theory
Kevin Bauer Siemens |
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| 15:30 | Digitizing Energy Infrastructure Construction: Collect it Once, Collect it Well, Use it Everywhere
Brett Vogt & Nichole Killingsworth Project Consulting Services |
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| 16:00 | End of Day 2 |
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OIL & GAS DIGITAL TWIN CONFERENCE 2022

Opportunities to Boost Profitability and Strategies to Maximize Efficiencies in Oil and Gas Production

AGENDA 2022

Day 3

Friday, 13 May 2022

Eastern Time (ET)

09:30	Leveraging New Age Digitalization Solutions in Oil&Gas, Refining and Petrochemical Industries to Achieve Sustainable Manufacturing Ranjit Panchal Ingenero
10:00	TBA Bentley Systems
10:30	Real-time Hydrocarbon Blending Optimization Using Virtual Analyzers Misha Askerka Validere
11:00	Reserved -
11:30	Operational Improvements using Digital Twin Jean-Frederick Duquette WSP
12:00	Networking Break
12:30	Globally Connecting The Full Spectrum of Air and Gas Handling Assets Billy Milligan Howden
13:00	Process Expertise and Digital Technology at the service of our Customers: a Real-Time Digital Twin for Snamprogetti™ Urea Performance Service Giuseppe Trefiletti & Andrea Mancini Saipem & Honeywell
13:30	Employing Combined Subsurface and Facility Digital Twins to Optimize Production and Reduce Carbon Footprint of Oil and Gas Assets Gerardo Muñoz Aspen Technology
14:00	Disrupting Physical Assets into Smart Digital Entities Jordi Breda TicTAP - Simply Connect
14:30	Networking Break
15:00	How will investments in digital twin capabilities pay off? Alan Coughtrey Tech-option
15:30	End of Day 3

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About Organizer

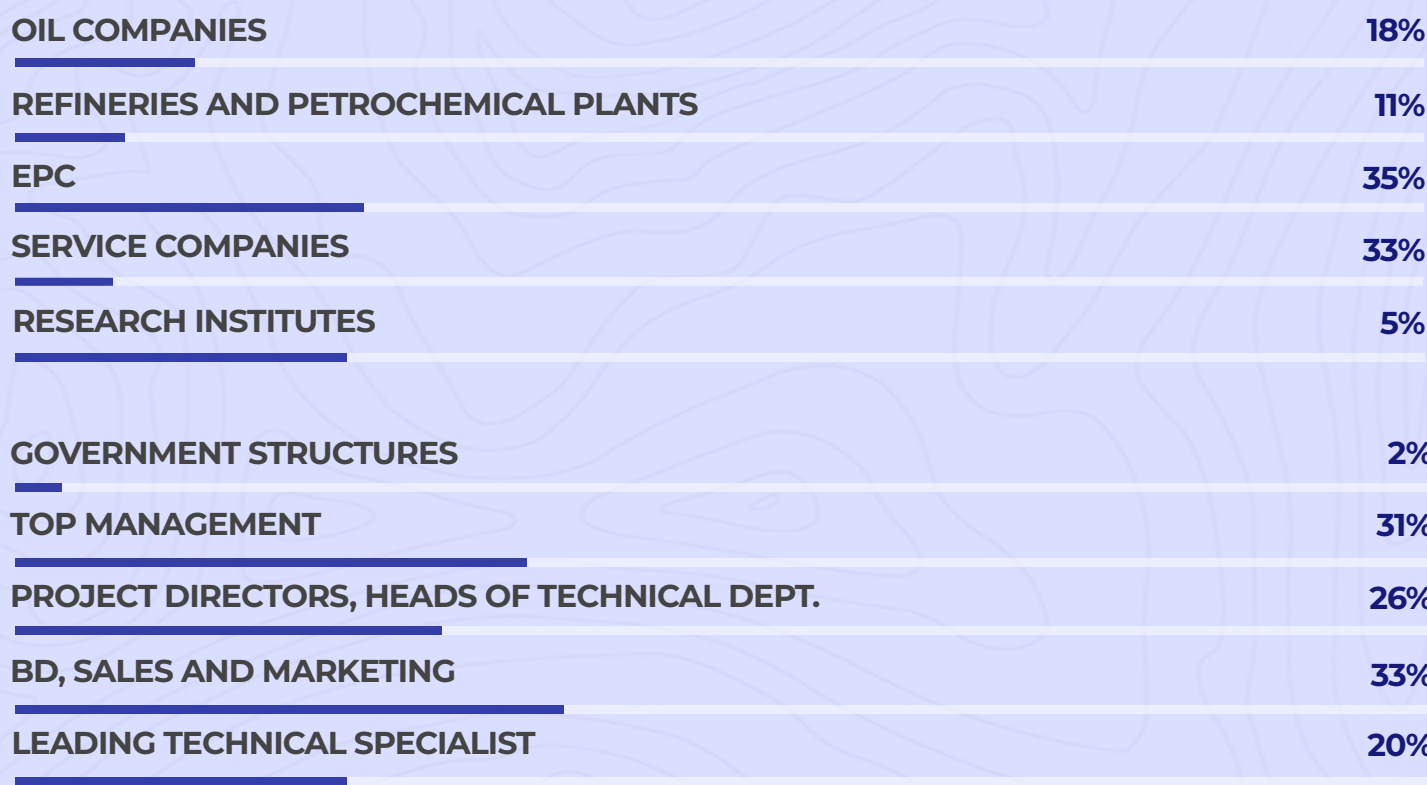
ptn events is a global business events and consulting firm that provides a wide range of business services to a diversified client base.

We 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.

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.

Our Attendee Breakdown



LOOKING FORWARD

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



Nexus Controls
a Baker Hughes business

“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.”

Arthi Vasudevan
At Nexus Controls LLC



OUR FLAGSHIP EVENTS

We organize summits, conferences and trade shows for Supply Chain and Oil & Gas 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.

SUPPLY CHAIN DIGITALIZATION CONFERENCE

45+
Exhibiting Companies

450+
Participants

48
Media Partners

38+
Speakers

OIL & GAS AUTOMATION AND DIGITALIZATION CONFERENCE

55+
Exhibiting Companies

550+
Participants

35
Media Partners

40+
Speakers

DIGITAL TRANSFORMATION CONFERENCE

45+
Exhibiting Companies

450+
Participants

38
Media Partners

40+
Speakers



Ready to get started?

We can't wait to help you tap into our audience. Reach out and let's get the conversation going.

www.ptnevents.com

