



Oil & Gas Digital Twin Conference & Exhibition 2025

April 14 - 15, 2025 | Houston, TX, USA

Discover latest solutions and emerging trends in the industries!

Our previous & current sponsors/partners:




ABOUT THE CONFERENCE

The Oil & Gas Digital Twin Conference 2025 stands as a pivotal gathering where industry professionals and technology innovators convene virtually to spearhead an extensive digital transformation within the Oil & Gas sector.

This exclusive event is dedicated to exploring the nuances of the digital twin ecosystem, delving into crucial aspects such as sustainability, operational impact using Digital Twin and Generative AI, digital integration in the upstream sector, cybersecurity considerations, and efficiency improvements in Asset Performance Management. Notably, the conference highlights the crucial role of Digital Twin in steering the industry towards a Net Zero Future, emphasizing sustainability and operational excellence as key objectives.

In this immersive virtual environment, participants can anticipate a wealth of insights, including real-world case studies and engaging discussions on the latest technological advancements.

The conference agenda is meticulously curated to provide an in-depth exploration of critical industry challenges and cutting-edge innovations. With a commitment to fostering collaboration and networking opportunities, the event serves as a platform where industry leaders can exchange ideas, explore innovative techniques, and establish enduring connections. As the Oil & Gas sector charts its digital future, this conference serves as a guiding beacon, enabling professionals to make informed decisions and embrace technologies shaping the industry's trajectory.



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★★★★☆

Hilton Houston Plaza

📍 6633 Travis Street,
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Conference Theme/Keytopics

- ★ Leveraging Digital Twin and Generative AI to gauge their impact on operational efficiency and productivity
- ★ Examining the digital integration in the upstream sector amidst disruptions, technology transitions, and an agile workforce, while simultaneously evaluating the cybersecurity risks associated with enhanced technology deployment
- ★ Improving business efficiency through digitalization in Asset Performance Management, emphasizing effective data handling and operational models
- ★ Exploring the critical role of a Digital Twin and a data-driven ecosystem in the Sustainable Roadmap for achieving a Net Zero Future through the process of decarbonization
- ★ Highlighting best practices and real-world examples in understanding the dynamics between operators and vendors, focusing on roles, data ownership, and collaborative pathways
- ★ Navigating opportunities and challenges in corporate adaptation and change management while redefining leadership models

Our Session Glimpse





AMONG OUR REGULAR ATTENDEES



CONFERENCE IN NUMBERS

250+
Attendees

200+
Companies

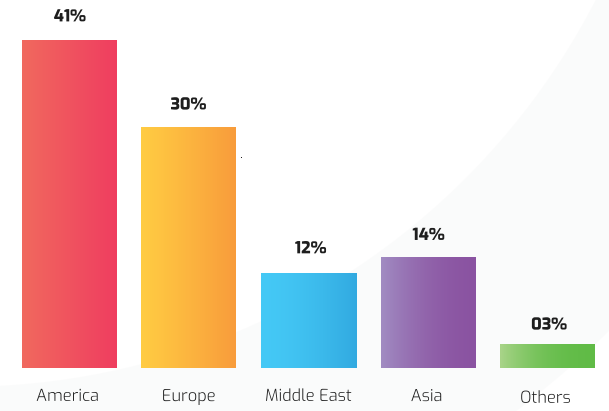
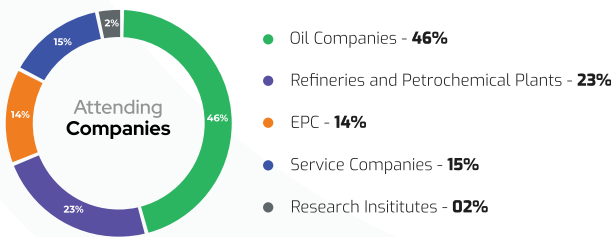
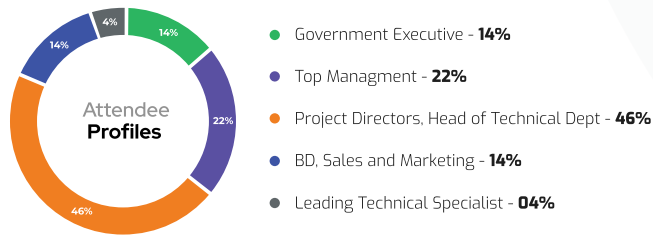
24+
Technical
Speakers

15+
Sponsors &
Exhibitors

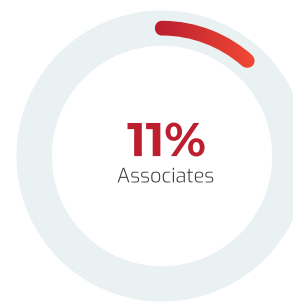
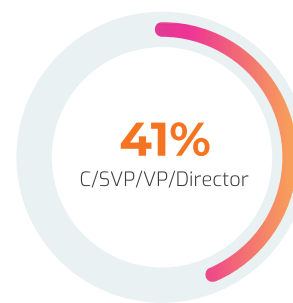
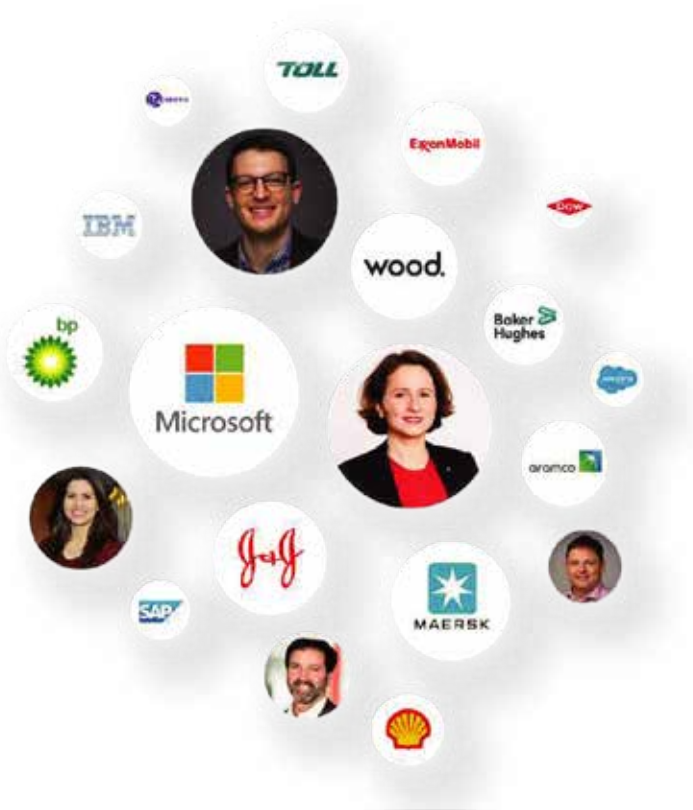
65+
Countries

55+
Media Partners

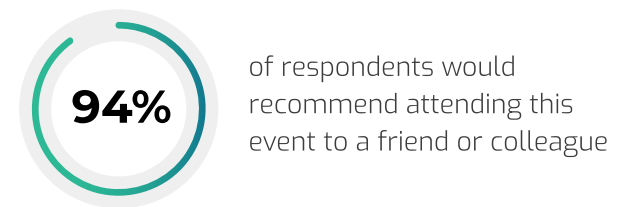
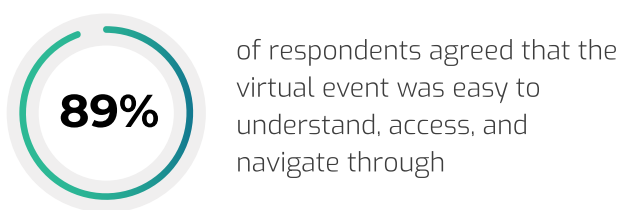
Statistics of previous conference



Attendee Seniority level breakdown



Attendee Survey Report



*Based on the attendee survey report from May, 2024

SPEAKING OPPORTUNITIES



SPEAKING SESSION

30 minutes session includes **10 min** of Q&A's

- Live sessions in-front of delegates
- **20 minutes** for the presentation **+10 minutes** for Q&A's
- Certificate of Appreciation
- Session should be based on conference theme/key topics only



PANEL DISCUSSION

1 hour session for 5 speakers

- Live panel discussion in-front of all delegates
- Certificate of Appreciation
- Discussion between panelists only

* Please note that Speaker package is available only after the topic approval by the Production team.

Want to become a speaker?

Get in touch with us for more information on Speaking opportunities!

Misbah Shaikh

Conference Producer & Speaking Opportunities

misbah.shaikh@ptnevents.com



Day 1 | Thursday, May 14, 2025

(Agenda as of 8 April, 2024 and subject to change)

Sponsored Sessions Booked Sessions Available Sessions

08:15
Registration & Refreshment Networking



08:30
Operation excellence & Digital transformation go hand-in-hand

- Digital Transformation – Driving the adoption & Future of Operation Excellence
• Operational efficiency improvement opportunities from average to top quartile performers , with DX
• DX impact on Operation Excellence:

Arun Kumar
General Manager (Operation Excellence & Engineering), HPCL-Mittal Energy Limited



09:00
Booked for SLB



09:30
Available Session

10:00
Data informed decision making: how to let data and intuition work in a great marriage.

- Did you know that 58% of software companies base their regular business decisions on intuition alone?
• Do you agree that these companies are endangering the future of their existence by NOT incorporating objective data in their decision making process?
• How you can improve your teams in a sustainable manner by leveraging metrics?
• The importance of metrics, which ones to choose as the most effective set in your context and how to get started with collecting all necessary data.
• How to make more effective decisions by letting data and intuition work in harmony.

Stephan Vlieland
Hiring Manager, Shell



Networking Break 13:30 (30min)

11:30
Current state of the Mexican natural gas network

- Mexican Grid Expansion History
• Changing regulatory framework
• What is Next?
• Conclusions

Carlos Tapia
Chief Executive Officer and Owner, Balam Energy



12:00
Available Session

12:30 | SESSION SPONSOR
The Digital Twin. It's not just for breakfast anymore.

- If the lifecycle of a plant could be compressed into a single day, engineering, and constructing that plant would occur over breakfast. And as they say, breakfast is the most important meal of the day. To take this analogy a step further, what is eaten for breakfast can potentially affect how lunch and dinner goes. In other words, a terrible breakfast could lead to a terrible day - lunch and dinner are had through bad choices.
• This goes on, and eventually a transformation is needed. And like all digital transformations, they are painful and expensive. And this "breakfast" doesn't have to be at The Four Seasons. It can be prepared in the average company's own kitchen, using tools likely already owned and used.
• Getting the digital twin right in the beginning and using it the way it is meant to be used - a key component in today's Operations Technology - can prevent a costly digital transformation later. It has the capability to push the facility to first-quartile performance much faster than ever expected or envisioned.

James Haw
Vice President of Automation and Digital Strategy, Operations Technology Specialists, LLC



13:00
The challenges of Green Field vs Brownfield DT

- Asset Information Management
• Project Datasets Handover
• Management of Change

Alberto Iniesta Serrano
Director - Worley Customer Solutions, Worley



Networking Break 13:30 (30min)

14:00
booked for ibwave



14:30
Insertion of Artificial Neural Network Algorithms into Digital Twins for Process Monitoring

- Companies rely on various equipment to produce goods and services, but degradation over time can lead to failures. Maintaining equipment in good condition is crucial to ensure production performance and prevent additional costs, downtime, and environmental damage. Maintenance, aiming for availability, reliability, and safety, is essential. However, many maintenance models face challenges by considering only the health of components without information about system reliability. The increase in production data can be an advantage, and predicting failures through a neural network trained with operational data can be valuable support for

Silvio Cesar Godinho Teixeira
Company man in Buzios, Petrobras



15:00
Digital twins in manufacturing operational excellence

- Differences in approaches to digital twins – planning, simulation, prediction, real-time/live
• Live digital twins in the manufacturing world
• Examples from existing projects and where is the money

Michal Ukropec
CEO, Twinzo



End of Day 1

Day 2 | Friday, May 15, 2025

(Agenda as of 8 April, 2024 and subject to change)

Sponsored Sessions Booked Sessions Available Sessions

08:15

Registration & Refreshment Networking



08:30

Generative AI : Experiences in business applications for Procurement & SupplyChain

- Gen AI Potential : Look beyond drafting emails and images. Gen AI can do much more for day to day tasks like Market intelligence, Contract Analytics and Autonomous Negotiations.
• Data confidentiality concerns : Are you comfortable sending your data & queries to cloud-based AI models ? Laptop based locally running AI models are a potential solution.
• Experiences from real experiments : I'll share one of the following usecases:
• Market intelligence : Comparison of outputs from 4-5 models (Cloud vs Laptop, Large model vs small model)
• Autonomous Negotiations : Negotiations between two BOTs.



Lovleen Chadha
Founder & CTO, qapp.ai



09:00

Available Session

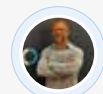
09:30 | GOLD SPONSOR

Leveraging Generative AI for Operational Excellence

- Opportunities and challenges with Generative AI
• Application of generative AI in Enaimco Operational Twin
• Future developments with Generative AI

Data Access and Data Leverage for Operational Efficiency

- Data access - Key to Operational planning and Support
• Enaimco Operational Twin Data Leverage - Current and future use cases supporting operational efficiency



John Cadigan
Director of Projects, Enaimco



10:00

Data to Digital Twin in Oil and Gas Industry

- Brief Overview of Organization
• Digital Execution in EPC
• Data is Oil



Vinayak Kharche
Head Of Information Systems and Automation, Adani Petrochemicals



Networking Break

10:30 [30min]

11:00 | GOLD SPONSOR

Revolutionizing Oil & Gas Operations: Unleashing the Power of Digital Twins with IAPM

- The Digital Twin Revolution: Explore the transformative potential of digital twins in the oil & gas industry, and how they enable real-time monitoring, predictive maintenance, and improved decision-making.
• IoT-Driven Data Insights: Learn how Internet of Things (IoT) data sources are harnessed to create a comprehensive digital replica of your assets, providing unparalleled insights into operations, safety, and efficiency.
• AI-Powered Asset Management: Discover how Artificial Intelligence (AI) supercharges your asset management strategies, optimizing maintenance, reducing downtime, and enhancing the ROI of your oil and gas assets with IAPM.



Matteo Dariol
Business Development and Sales Manager, Bosch



11:30

Innovations in Productivity Maximizing Digitalization Strategies.

- We (23 plants) did a study for AFPM on digitalization in action in global projects and results are reported in the presentation.
• Specifically highlighted is AI data management, digital engineering and planning in pre-feed applications and the digitalization surrounding construction in maintenance and capital projects.



George Perrett
Operational Excellence Director, Peri USA



12:30 | SESSION SPONSOR

BIM-based Common Data Environment as the Lifecycle Digital Twin for Industrial Assets

- Digital Twins of industrial assets are created not only in 3D authoring applications, but also contain unstructured data present in photos, drawings, O&M manuals, as well as time-series data sets generated by sensors and meters. To collate all that information in a structured way throughout the facility life cycle we need to follow open industry standards for asset classification, data exchange standards, and consider harmonization between standards prevalent in different industries (for example, CHIFOS and IFC). The presentation will share lessons learned implementing BIM-based Digital Twins using Siemens Building X Lifecycle Twin (ex-Ecodomus) in various industries, including oil and gas as well as industrial and commercial construction.



Igor Starkov
VP, Digital Twin, Siemens Industry, Inc.



13:00

The Human Side of Emerging Tech - AI, Predictive Analytics, Machine Learning

- In recent years, we have seen rapid advancements in fields such as artificial intelligence (AI), predictive analytics, and machine learning. While these technologies hold great promise for improving our lives and making organizations more efficient, we must not forget that they are ultimately designed and operated by humans.
• Pop culture represents what I like to call the "Terminator Effect" which associates automation and autonomous systems with a level of fear. From replacing the human workforce to a full-on global takeover. In reality, we should not fear these technologies, but rather strive to understand them better so that we can use them more effectively.
• "When used correctly, AI, predictive analytics, and machine learning can help us make better decisions, improve organizational efficiency, and even free up our time so that we can focus on more important tasks. However, we must remember that these technologies are only as good as the data that they are given and the humans who design and operate them.



Emmanuel Haizel
General Manager - Engineering & Projects, Mansa Engineering



Networking Break

13:30 [30min]

14:00

Available Session

14:30

Available Session

15:00

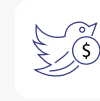
Available Session

End of Day 2



DELEGATE PASS INCLUDES FOLLOWING

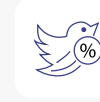
- Watch any talk live during the conference days
- Certificate of participation
- Q&A discussions
- Access to two-day event – including all conference stages and the exhibition
- Online access to selected post-conference materials
- Networking opportunities on the Exhibition Floor
- Access to all networking activities
- End of Day 1 networking drinks reception and gala dinner



SUPER EARLY BIRD

Window closing on **Nov 15, 2024**

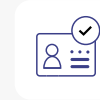
USD \$799
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EARLY BIRD

Window closing on **Jan 25, 2025**

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REGULAR PASS

Window closing on **April 18, 2025**

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Visitors Feedback On Exhibition



rated the exhibition in terms of value addition



would recommend event to others in their field



rated the exhibition good to excellent



rated technical content as good to excellent



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BRANDING & PROMOTIONS	USD \$22999	USD \$9599 <small>USD \$12599</small>	USD \$7099 <small>USD \$10599</small>	USD \$3799 <small>USD \$5099</small>	USD \$3799 <small>USD \$5099</small>
Logo placement and Sponsorship/Exhibitor title on the Event website	✓	✓	✓	✓	✓
Scanned business card copies of all the participants	✓	✓	✓	✓	-
Your Logo on Delegate Packs	✓	✓	✓	-	-
Email Blast - Sponsorship Announcement (Email to 100k+ active subscribers)	✓	-	-	-	-
One Advertisement section (placement) on the conference brochure - Full Page	✓	✓	-	-	-
One Advertisement section (placement) on the conference website - Home page	✓	-	-	-	-
Banner at the registration desk (printed & installed by the organizer)	✓	✓	-	-	-
CONFERENCE ACCESS					
Full access to all conference activities	✓	✓	✓	✓	✓
Hosted Luncheon and Drinks Reception	✓	✓	✓	✓	✓
Premium Delegate Passes and Client Passes	8	5	4	3	1
30 Minutes Premium Speaking Slot (Includes 10mins of Qc&A's)	✓	✓	✓	-	✓
Speaker Pass and/or Co-Speaker Pass(es)	1 + 2 Pass	1 + 1 Pass	1 Pass	-	1 Pass
Exhibit Space (Includes draped table approx. 6ft, 4 chairs)	10ft x 20ft	10ft x 20ft	10ft x 10ft	08ft x 08ft	-
Literature Distribution in Delegate packs (materials supplied by you)	✓	✓	✓	✓	-
Video interview with the company's representative	✓	✓	✓	-	-
VIP Pre-Set Meetings with Clients	5	2	-	-	-
Lanyard Sponsorship	✓	-	-	-	-
Banner on conference floor (3x2m)	✓	-	-	-	-
POST CONFERENCE MATERIAL					
Video interview session with the committee members	✓	✓	✓	✓	✓
Speaking Appreciation Certificate	✓	✓	✓	-	✓
Download Copy of all participants list, scanned business cards	✓	✓	✓	-	-

TESTIMONIALS AND EXPERIENCE



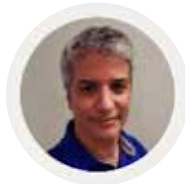
Thanks very much for this opportunity. I was impressed by the quality of your event. It was as well run and organized as I've ever attended.

Rafiq Khurshid | IT Specialist & Counsultant



Thank you for giving us a chance to participate, it was a great experience and super organized platform.

Atheer Alatter | Lead Data Scientist



I am happy to join the great team of speakers and thanks for having me on this awesome event. Excellent teamwork. Hope be with you next time.

Vitor Do Valle | Head of Centre of Excellence



Thank you, team for the Certificate. As mentioned before, I truly appreciate the prompt communication, prep call and accommodating my change of date. I look forward to partnering with ptn events in future.

Arthi Vasudevan | Senior Product Manager



Thank you very much for your support during this event. I think that overall it went well.

Gerardo Muñoz | Product Marketing Manager



Thank you for Sharing. I should have mentioned this in my feedback; some of the best i have seen for any conference, Live or Virtual. Awesome Event!

Lennart Heip | Global Modal and Technology



We are excited to join this great event. Sign up to hear a speech from Michal Paulski on Cybersecurity during the Oil and Gas Automation & Digitalization Conference.

Michal Paulski | Senior Manager



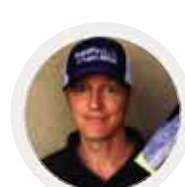
Many thanks to you the incredible team for organizing the event. Watching for 2 days was very insightful and your team efforts to organize everyone from around the created the success.

Johnathan Finlayson | Project Logistics Director



Thank very much for the opportunity. I was sincerely impressed by the quality of your event. It was as well run and organized a conference as I've ever attended. All of the sesssions i was able to attend were excellent - really informative.

Tan Miller | Director, Global Supply Chain Management Program



Oh man, some of my favorite folks in freight are the container shipping right now.

Mike Bush | Terminal Relationship Manager



It was a valuable session and great learning from Global leader, It was amazing conference, Thanks a lot.

Pankaj Gupta | Global Sourcing



We managed to be in touch with good leads. User-friendly and very professional staff all along the sponsorship journey.

Carl Lauron | Founder



ABOUT ORGANIZER

PTN Events, a premier organizer of cutting-edge B2B conferences that seamlessly blend business and knowledge. At the forefront of the industry, we curate exclusive gatherings that transcend borders, bringing together a dynamic mix of corporates, governments, associations, industry leaders, and high-net-worth individuals.

Our conferences serve as global forums where industry visionaries converge to explore and navigate the transformative landscape of cutting-edge technologies. As catalysts for innovation, we facilitate robust discussions and collaborations that transcend geographical boundaries.

At PTN Events, we pride ourselves on creating an immersive environment where knowledge flows freely, and connections flourish. Whether you're a corporation seeking strategic partnerships, a government entity exploring policy implications, or a thought leader on the brink of the next big idea, our conferences provide the platform to engage with the pulse of industry evolution. Join us in shaping the future!

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Leveraging the technology innovation and Digital Revolutions. This Conference creates an Opportunities to boost Profitability and Strategies to Maximize Efficiencies in Oil and Gas Production.

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