



# Oil & Gas Automation and Technology Week

One-Stop-Shop for Digital Transformation and Technology Innovation for Oil, Gas & Petrochemical Professionals

14 – 15 February 2023

Hyatt Regency Intercontinental Airport Hotel,  
Houston, USA

Cutting-Edge Insights Delivered by Industry Leaders

## Integrate Emerging Technology and Drive Digital Innovation for Accelerated Business Transformation



**Miranda Palmisano,**  
XR Immersive Technologies  
& Connected Worker  
Product Manager,  
**Chevron**



**Bryan Kaus,**  
Director of Commercial  
Business Improvement  
and Optimization,  
**Phillips 66**



**Kat Duggan,**  
Process Automation  
Operations Leader,  
**Dow**



**Julie Thyne**  
Global Improvement  
Director  
**Dow**



**Lance Medlin**  
Vice President,  
Capital Projects  
**Clean Planet Energy**



**Rogier Pouwer,**  
Director Transformation,  
**Western Midstream  
Partners LP**

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#OGATWeek

Proudly Partnered With:



This summit is created and designed by:



**AMG World**  
Accelerated Performance

# Welcome

Dear Colleague,

**The Oil, Gas and Chemical industry is at a pivotal point of technology revolution and generational change - the digital era is upon us, and the time for change is now.**

After re-emerging from the global pandemic, the industry must digitally transform at pace to remain relevant, agile, competitive, profitable and resilient against a backdrop of rising costs, volatile market conditions, and increasing talent shortages.

Business leaders recognize digitalization is critical to reduce costs, improve asset efficiency, maintain safety, optimize reliability, and streamline operational transparency.

However, **up to 70% of operator digitalization projects have not moved beyond the pilot phase**, owing to the competing priorities from multiple stakeholders.

Over two days, our expert speakers from across the entire value chain will share how they are successfully aligning strategy, culture, talent, process, and technology to affect digital change and accelerate business transformation.

We are calling on all Oil, Gas and Chemical executives to join us again to share, learn and debate on the future of our industry. So please ensure you secure your place alongside your peers and competitors to solve these complex common challenges in an interactive, and collaborative environment.

I look forward to meeting you next February in Houston.



**Dion Gordon**

Conference Director

**Oil & Gas Automation and Technology Week 2023**

## KEY TECHNOLOGY AREAS, AND APPLICATIONS FOR DIGITAL SOLUTIONS THAT WILL BE EXPLORED:



IIoT, Intelligent Automation



AI, ML and Data Science



Connected Worker



Immersive Technology, Digital Twins, Simulation, Visualization, 3D, AR, VR, XR



Blockchain, Web3, Cloud Applications, Cybersecurity



Energy Transition, Decarbonization and Sustainability

## KEY THEMES INCLUDE:



### Reinvent and Reshape:

Envision the future and develop the bigger picture for digital transition



### Rationalize and Prepare for Business Transformation:

Assess organizational readiness, determine, and tackle any potential barriers to digitalization



### Clearly Define Future Vision:

Convey a clear, cohesive message to provide clarity and develop an agile, dynamic strategy and ecosystem for business transformation



### Initiate Change and Implement Fundamentals:

Execute on the plan, nurture digital talent, and empower stakeholders to embrace digital tools to drive overall business improvements



### Identify the Right Partners and Technology Enablers:

Building openly collaborative partnerships with solutions providers, who fit business culture and align with business needs to facilitate a streamlined digital journey



### Reevaluate Constantly and Evolve Consistently:

Measure results, adapt, reset, and continue to foster innovation that drives incremental compounding improvements

# Your 2023 Speakers Include:



**Bryan Kaus,**  
Director of Commercial Business  
Improvement and Optimization,  
*Phillips 66*



**Biju Misra,**  
Director, Corporate Business  
Services/Automation CoE,  
*Enbridge Inc*



**Brent Railey,**  
Manager of Data Science,  
*Chevron Phillips Chemical  
Company*



**Jon Fredrickson,**  
Enterprise Account Executive,  
*Wazoku*



**Kat Duggan,**  
Manufacturing Digital  
Transformation Leader,  
*Dow*



**Jeremiah Hannley,**  
Chief Technology Officer  
& Managing Partner,  
*Streamline Control*



**Miranda Palmisano,**  
XR Immersive Technologies  
& Connected Worker Product  
Manager,  
*Chevron*



**Captain Daniel Alcantara,**  
Chief Solution Delivery Officer,  
*Magellan X*



**Rogier Pouwer,**  
Director Transformation,  
*Western Midstream Partners LP*



**Ed Moore,**  
Senior Technology Strategist  
– Technical Computing, IIoT  
Technology Area Manager,  
*Chevron Energy Technology  
Company (ETC)*



**Partha Chatterjee,**  
Data and Analytics SME,  
*Shell Energy Americas*



**Afshean Talasaz,**  
Director - Digital Innovation  
& Enterprise Architecture,  
*Magellan Midstream Partners*



**Philippe Daroux,**  
Industrial Network Design  
& Consulting Manager,  
*Chevron*



**David Lod,**  
Chief Executive Officer,  
*VEERUM*



**Srimoyee Bhattacharya,**  
Senior Data Scientist,  
*Shell*

# Your 2023 Speakers Include:



YOKOGAWA

**Eugene Spiropoulos,**  
Industrial IT/OT Expert,  
*Yokogawa*



**Dwayne A. Hickman,**  
VP eRCM Products and Solutions,  
*ACI Services, Inc*



**David Bailey,**  
Product Owner - Digital  
Transformation,  
*Chevron Phillips Chemical  
Company*



**Graham Provost,**  
Vice President of Strategy  
and Business Development  
for Process Industries,  
*CORYS*



**Stuart Dodson,**  
New Business Enterprise Account  
Executive,  
*Wazoku*



**Alister Leong,**  
Chief Product Officer,  
*Magellan X*



**Athicha (M) Dhanormchitpong,**  
Enterprise 3D Architect,  
*ExxonMobil*



**Luke Skaruup P.Eng, MEERL,**  
Director Operations Services,  
*Enbridge Inc*



**Varun Anand,**  
PMP, PMI-ACP, CM, Senior  
IS Manager - Manufacturing  
Applications,  
*The Lubrizol Corporation*



**David Tran,**  
CEO,  
*Optelos*



**Caleb Sargent,**  
VP Operations,  
*Process Innovations*



**Dirk Wagemans,**  
VP Commercial, Safety,  
Infrastructure & Geospatial  
Division,  
*Hexagon*



**Marianna Canino,**  
Innovation Consultancy Manager  
(International),  
*Wazoku*



**Hitendra Kurwa,**  
Enterprise Architect - IoT,  
*Shell Energy*



**Christian McDermott,**  
Global Market Coordinator,  
*Voovio*

# Your 2023 Speakers Include:



**Ben G Randell,**  
Product Line Manager –  
Assurance,  
*Chevron*



**Julie Thyne,**  
Global Improvement Director,  
*DOW*



**Trevor MacMaster,**  
Chief Client Officer,  
*VEERUM*



**Yugender Chikkula,**  
Manager of Technology -  
APC/Digitalization,  
*Motiva Enterprises LLC*



**Lance Medlin,**  
Vice President, Capital Projects,  
*Clean Planet Energy*



**Kyle Daughtry,**  
Digital Reality (3D and XR)  
Capability Architect,  
*ExxonMobil*



**Marianna Canino,**  
Innovation Consultancy Manager  
(International),  
*Wazoku*



**Peter Boyle,**  
Chief Operating Officer &  
Managing Partner,  
*Streamline Control*



**Vitor do Valle,**  
Head of Centre of Excellence in  
UX and Digital Technology,  
*Petrobras*



**Mark Hammer,**  
OPA Product Management,  
*Yokogawa*



**Charlie Kettner,**  
Team Lead Programming NEBC,  
*ARC Resources*



**Tony Lighty,**  
Senior Business Development  
Manager for Process Industries,  
*CORYS*



**Sid Dickerson,**  
VP Operations,  
*STOlogix*



**Mark Kachelmyer,**  
Senior Integrity Engineer,  
*Plains All American Pipeline, L.P.*



**Marc Jadoul,**  
Strategic Marketing Director,  
Mining and Natural Resources,  
*Nokia*

# Why Sponsor

The Oil & Gas technology vendor landscape is vast. New entrants are innovating rapidly. It is therefore a prerequisite that solution providers acquire a granular understanding of the industry's needs in order to develop those bespoke solutions that are critical to winning new business.

## Our focus on only delivering qualified delegates:

- ▶ Invitation only ensuring automation, digitalization and digital transformation is their current number one priority
- ▶ Strict qualification criteria which guarantees seniority, budget, investment plans and technology requirement

## What options are available within our sponsorship packages?



### Thought leadership

- ▶ Keynote plenary presentation addressing the entire audience
- ▶ One hour closed door roundtable moderation role where you will lead the discussion on a topic of your choice
- ▶ Deliver a succession of quick-fire tech demos to all of our qualified delegates



### Networking

- ▶ Selective audience of senior decision makers with budgetary responsibility
- ▶ Establish contact prior to the event to optimize the discussion and ensure your topic is aligned
- ▶ One-to-one meetings with qualified delegates that are actively purchasing your solutions within the next 12 months



### Branding

- ▶ Raise your brand awareness with an exhibition stand, drinks reception and more

We welcome the opportunity to discuss various options in more detail. For further information, access our sponsorship pack [here](#) and please get in touch.



### Simon Wright

CEO, AMG World

**E:** [simon.wright@amg-world.co.uk](mailto:simon.wright@amg-world.co.uk)

**T:** +44 7734 666 249

## WHO YOU WILL MEET

**This summit is designed for C-Suite, VP's, Directors, Chiefs, Heads, Specialists and Leads from:**

- ▶ Digital Transformation / Digitalization / Digital Innovation
- ▶ Business Transformation / Business Optimization
- ▶ Business Intelligence / Business Systems
- ▶ Innovation / Technology / Emerging Technology
- ▶ IT / IT Operations
- ▶ Enterprise Architecture
- ▶ IIoT / IoT / Intelligent Automation / Robotics / Advanced Process Control
- ▶ Artificial Intelligence (AI), Machine Learning (ML)
- ▶ Data Science / Data Analytics
- ▶ Connected Worker
- ▶ Immersive Technology / 3D / AR / VR / XR
- ▶ Digital Twins, Simulation, Visualization
- ▶ Blockchain, Web3
- ▶ Cloud / Cloud Applications
- ▶ Cybersecurity
- ▶ Energy Transition, Decarbonization and Sustainability
- ▶ Engineering / Manufacturing / Maintenance & Reliability
- ▶ Asset Optimization / Asset Management / Asset Integrity

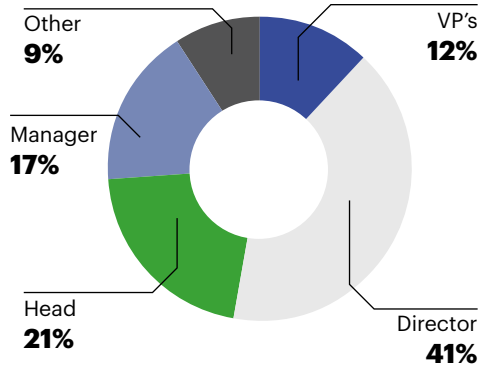
**Our sponsors include technology, service & solution providers specializing in:**

- ▶ Automation
- ▶ Robotics
- ▶ Advanced Process Control and Monitoring
- ▶ Operational Technology & Components
- ▶ Data Capture / Storage / Transfer/ Analytics / Security
- ▶ Data Science / Artificial Intelligence (AI) / Machine Learning (ML)
- ▶ Immersive Technology / AR / VR / XR / 3D
- ▶ Digital Twins / Modelling / Simulation / Visualization
- ▶ Connected Worker
- ▶ IT / Cloud Computing / Edge Devices
- ▶ IIoT / IIoT Hardware / Software and Platforms
- ▶ Communications Systems
- ▶ Infrastructure Connectivity
- ▶ Cybersecurity

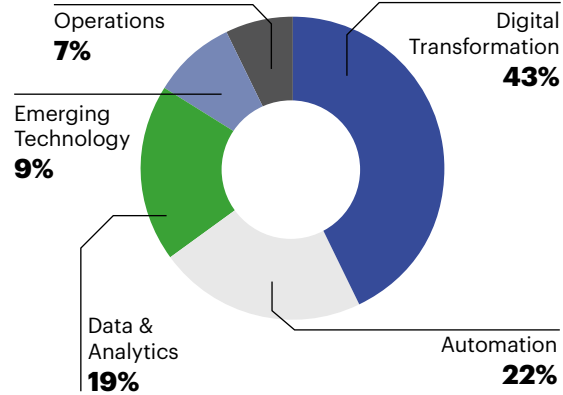
# Why Sponsor

## Past Attendee Profile:

### Seniority:



### Job Profiles:



“Our team enjoyed meeting with several delegates and discussing their data and analytics challenges and exploring how [we] can help them take control of their data to power their industrial transformation initiatives.”

**- ELEMENT ANALYTICS, OGAT WEEK 2022 SPONSOR**

## Floorplan:



**Book your stand today! Contact**

Simon Wright, CEO, AMG World  
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 T: +44 7734 666 249 | [in](https://www.linkedin.com/company/amg-world)

## Organizations included:



# SUMMIT DAY ONE: TUESDAY 14 FEBRUARY 2023

## Challenges, Opportunities, Solutions and Strategies

07:00	<b>REGISTRATION &amp; COFFEE</b>
07:50	<b>AMG World Welcome and Opening Remarks</b>
08:00	<p><b>Starting from Ground Zero: Taking a Grassroots Approach to Digital Transformation</b></p> <ul style="list-style-type: none"> <li>› Envisioning the bigger picture: What does digitalization mean to the enterprise?</li> <li>› Developing the foundation and defining fundamentals required to capture value from digital transformation</li> <li>› Organizational assessment and evaluation: Identifying suitable use cases and leveraging technology to solve unique business problems</li> <li>› Identifying technology, partners, and enablers: Creating partnerships with solution providers that align with new business models and facilitate digital transition</li> <li>› Connecting the dots between data, systems, technology, and stakeholders to develop a seamless, and interoperable midstream ecosystem</li> </ul> <p><b>Rogier Pouwer</b>, Director Transformation, <b>Western Midstream Partners LP</b></p>
08:30	<p><b>Developing Digital Innovation Capabilities: Creating a Holistic Ecosystem for Successful Digital Transformation</b></p> <ul style="list-style-type: none"> <li>› Recognizing innovation as a skill: Cultivating the culture and environment to experiment with technology</li> <li>› Transforming the perception of innovation: Developing sustainable in-house skills, tools, and procedures to transition from POC's to full scale deployment</li> <li>› How to design innovation projects to build in scalability and support mechanisms to improve chances of success</li> <li>› Moving from adoption to adaptation and navigating the complex and continued reinvention associated with the digital transformation journey</li> </ul> <p><b>Afshean Talasaz</b>, Director - Digital Innovation &amp; Enterprise Architecture, <b>Magellan Midstream Partners</b></p>
09:00	<p><b>Using Situational Awareness Software to Contribute to Improved Safety and Efficiency</b></p> <p>In this presentation, you will learn how BASF's partnership with Hexagon has enabled them to improve safety and efficiency at their 1500-acre Antwerp chemical plant.</p> <ul style="list-style-type: none"> <li>› How to effectively deploy situational awareness applications across vast, intricate, critical, infrastructure sites</li> <li>› Visually combining data from complex environments: Turning static plant data into actionable insights for efficiency gains and safety risk mitigation across multiple parallel production units</li> <li>› Providing real-time daily situational awareness: Enabling integrated management of turnaround tasks, downtime, emergency operations and underground pipeline systems</li> <li>› Learning how to use digital twins to transform industrial plants into smart sites by seamlessly incorporating location intelligence into enterprise systems and workflows</li> </ul> <p><b>Dirk Wagemans</b>, VP Commercial, Safety, Infrastructure &amp; Geospatial Division, <b>Hexagon</b></p>
09:30	<p><b>QUICKFIRE TECHNOLOGY AND PRODUCT DEMONSTRATIONS</b></p> <p>This session provides an additional opportunity to meet with our product and solution providers in the exhibition hall to learn more about the products, technology and services that have been developed to solve some of your unique challenges. The technology demonstrations will last approximately 8 minutes across four cycles with the opportunity to ask questions immediately afterwards over the refreshment break.</p> <p>Hear from leading technology leaders specializing in Intelligent Automation, IoT, AI, ML, AR/VR/XR, Digital Twins, Cloud, Cybersecurity and many more.</p>
10:10	<b>NETWORKING BREAK / 1-2-1 MEETING SESSION 1</b>
10:30	<b>NETWORKING BREAK / 1-2-1 MEETING SESSION 2</b>







# SUMMIT DAY ONE: TUESDAY 14 FEBRUARY 2023

## Challenges, Opportunities, Solutions and Strategies


### Roundtable Discussions

<p>10:50</p> 	<p><b>Increasing Stakeholder Engagement within Digital Innovation Projects:</b> Translating the message for change to facilitate adoption, and a cohesive journey towards digitalization Moderator: <b>Kat Duggan</b>, Process Automation Operations Leader, <b>Dow</b></p>	<p><b>Driving Impact through Artificial Intelligence and Machine Learning:</b> Evaluating suitable use cases and the application of AI and ML for the purpose of Digital Transformation Moderator: <b>Yugender Chikkula</b>, Manager of Technology - APC/Digitalization, <b>Motiva Enterprises LLC</b></p>	<p><b>Discussion proudly hosted by Wazoku</b> Moderator: <b>Marianna Canino</b>, Innovation Consultancy Manager (International), <b>Wazoku</b></p>	<p><b>Improving turnaround &amp; capital project program performance with 3D Digital Twins:</b> How industry 4.0 technologies enable lower maintenance and inspection costs, improve safety, and minimize project delays Moderators: <b>David Tran</b>, CEO, Optelos <b>Sid Dickerson</b>, VP Operations, <b>STOlogix</b></p>	<p><b>Remote Collaboration and the Virtualization of Training:</b> Examining the Challenges and Benefits of Virtually Engaging with a Global Audience Moderator: <b>Julie Thyne</b>, Global improvement Director, <b>Dow</b></p>
<p>11:50</p>	<p><b>Spotlight Presentation Proudly Hosted by Wazoku</b> <b>Jon Fredrickson</b>, Enterprise Account Executive, <b>Wazoku</b> <b>Stuart Dodson</b>, New Business Enterprise Account Executive, <b>Wazoku</b></p>				
<p>12:20</p>	<p><b>NETWORKING LUNCH / 1-2-1 MEETING SESSIONS 3 &amp; 4</b></p>				
<p>13:20</p>	<p><b>The Future of Automation is Open: Open Process Automation (OPA) Takes the Next Big Step</b>  <ul style="list-style-type: none"> <li>➤ What is the significance of the Open Process Automation Standard (O-PAS) for the Energy industry</li> <li>➤ OT technology obsolescence and interoperability are major inhibitors to Digital Transformation</li> <li>➤ Explore how innovations in technology open the door for new developments in automation systems</li> </ul> <b>Mark Hammer</b>, OPA Product Management, <b>Yokogawa</b></p>				
<p>13:50</p>  <p>TRANSITION INSIGHT</p>	<p><b>Energy Transition and Decarbonization: Leveraging Digitalization to Accelerate Progress</b>  <ul style="list-style-type: none"> <li>➤ Digital transformation and energy transition: How can technology and data science be an enabler for decarbonization, energy transition, and enhanced environmental benefits?</li> <li>➤ Where to start with digitalization for accelerated energy transition</li> <li>➤ GAP Analysis: Identifying missed opportunities, assessing digital tools and initiatives to drive sustainability</li> <li>➤ Leveraging intelligent automation, AI, data science and emerging technology for improved asset optimization and increased energy savings</li> </ul> <b>Partha Chatterjee</b>, Data and Analytics SME, <b>Shell Energy Americas</b></p>				


# SUMMIT DAY ONE: TUESDAY 14 FEBRUARY 2023

## Challenges, Opportunities, Solutions and Strategies



### Roundtable Discussions



<p>14:20</p> 	<p><b>Defining Digital Transformation:</b> What does it mean to stakeholders, what are the advantages, and how will it positively impact the organization? Moderator: <b>Philippe Daroux</b>, Industrial Network Design &amp; Consulting Manager, <b>Chevron</b></p>	<p><b>Driving Continuous Digital Evolution:</b> How to identify additional efficiencies made possible through digitalization in a smart and meaningful way? Moderator: <b>Luke Skarup P.Eng, MEERL</b>, Director Operations Services, <b>Enbridge Inc</b></p>	<p><b>Putting Emphasis on the "S" within Worker Safety:</b> Adopting technology and digital solutions to fulfil ESG obligations Moderators: <b>Captain Daniel Alcantara</b>, Chief Solution Delivery Officer, <b>Magellan X</b> <b>Alister Leong</b>, Chief Product Officer, <b>Magellan X</b></p>	<p><b>From Digital Transformation to Autonomous Operations:</b> How do you plan and prioritize today's digital enterprise journey to achieve industrial autonomy in O&amp;G <b>Eugene Spiropoulos</b>, Industrial IT/OT Expert, <b>Yokogawa</b></p>	<p><b>ESG and Digital Transformation:</b> Streamlining environmental processes and removing bottlenecks through digitalization Moderator: <b>Varun Anand, PMP, PMI-ACP, CM</b>, Senior IS Manager - Manufacturing Applications, <b>The Lubrizol Corporation</b></p>
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15:20



**QUICKFIRE TECHNOLOGY AND PRODUCT DEMONSTRATIONS**  
This session provides an additional opportunity to meet with our product and solution providers in the exhibition hall to learn more about the products, technology and services that have been developed to solve some of your unique challenges. The technology demonstrations will last approximately 8 minutes on four cycles with the opportunity to ask questions immediately afterwards over the refreshment break. Hear from leading technology leaders specializing in Intelligent Automation, IoT, AI, ML, AR/VR/XR, Digital Twins, Cloud, Cybersecurity and many more.

16:00 **NETWORKING BREAK/ 1-2-1 MEETING SESSIONS 5**

### Roundtable Discussions

<p>16:30</p> 	<p><b>Digital Disruption, Workforce Evolution, and Cultural Transition:</b> Driving intelligent change for human-centric digital transformation Moderator: <b>Bryan Kaus</b>, Director of Commercial Business Improvement and Optimization, <b>Phillips 66</b></p>	<p><b>Optimizing Returns from ML and Data Science Projects: How to develop successful data science products</b> Moderator: <b>Srimoyee Bhattacharya</b>, Senior Data Scientist, <b>Shell</b></p>	<p><b>Mitigating Occupational Hazards with Intelligent HSSE Applications</b> Combining digitally connected devices with AI to monitor working conditions in the field</p>	<p><b>Evaluating the Outlook for Technology, Energy Transition and Future Sustainability:</b> What options are available for energy companies to transition and make positive impacts? Moderator: <b>Lance Medlin</b>, Vice President, Capital Projects, <b>Clean Planet Energy</b></p>	<p><b>Assessing the Future of Industrial Maintenance Optimization:</b> Exploring how digitalization is reshaping oil, gas, and petrochemical maintenance operations</p>
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# SUMMIT DAY ONE: TUESDAY 14 FEBRUARY 2023

## Challenges, Opportunities, Solutions and Strategies

17:30



PANEL  
DISCUSSION

### Digital Transformation & Strategy: Change Management, Execution, and Optimizing ROI

This panel discussion will explore the next phase of technology-led business optimization. Our panelists will review the rationale for change, the opportunities they see, and the steps required to successfully drive change.

- › Industry perceptions of digital transformation: Exploring our real-world definition and the wider enterprise, stakeholder, and customer experience
- › Why is digital transformation and digitally-led business optimization so critical: What value are we attempting to capture, and why should we invest time and resources?
- › Short, mid, and long-term digital journey: Approaches, elements of success and acceleration
- › Proactively identifying challenges and avoiding procrastination: Examining the risks of stalled progress
- › Emerging technology trends: What's on the horizon for O&G technology landscape and what will the overall impact be?

Moderator:

**Bryan Kaus**, Director of Commercial Business Improvement and Optimization, **Phillips 66**

Panelists:

**Rogier Pouwer**, Director Transformation, **Western Midstream Partners LP**

**Brent Railey**, Manager of Data Science, **Chevron Phillips Chemical Company**

**Julie Thyne**, Global Improvement Director, **Dow**

**Ben G Randell**, Product Line Manager – Assurance, **Chevron**

**Marc Jadoul**, Strategic Marketing Director, Mining and Natural Resources, **Nokia**

**Kat Duggan**, Process Automation Operations Leader, **Dow**

18:10

### Closing Remarks & End of Conference Day One

18:15

### DRINKS RECEPTION

All attendees are invited to attend our networking drinks reception at the end of the day's proceedings. This is our way of saying thank you for your contribution and to create an additional opportunity to continue your discussions in an informal setting.








"As always my favorite part of the event are the roundtable discussions as I can learn from industry peers with how they handle their handling the current climate we're in. It's also great to hear from suppliers as well with the new technology they have that could solve problems that our industry faces."

**- MARK KACHELMYER, SENIOR INTEGRITY ENGINEER,  
PLAINS ALL AMERICAN PIPELINE, L.P.**

# SUMMIT DAY TWO: WEDNESDAY 15 FEBRUARY 2023

## Digital Twins, Immersive Technology & The Connected Worker

07:00	<b>REGISTRATION &amp; COFFEE</b>	
07:50	<b>AMG World Welcome and Opening Remarks</b>	
08:00	<b>Immersive Technology: ExxonMobil's Journey Towards a Digital Reality Ecosystem</b> <ul style="list-style-type: none"> <li>➤ Exploring immersive technology use cases: Improving training, enhancing remote collaboration, and optimizing connected worker capabilities</li> <li>➤ Laying the foundation for reality capture: Selecting components, platforms, and standards to begin developing an agnostic interoperable ecosystem</li> <li>➤ Grasping our industry's opportunity: Transforming the way we present information for a more humanistic approach</li> <li>➤ Looking ahead: Maximizing the lifecycle of 3D assets for a more visual way of working</li> </ul> <p><b>Athicha (M) Dhanormchitphong</b>, Enterprise 3D Architect, <b>ExxonMobil</b>  <b>Kyle Daughtry</b>, Digital Reality (3D and XR) Capability Architect, <b>ExxonMobil</b></p>	TRANSFORMATION & INNOVATION KEYNOTE 
08:30	<b>Digital Transformation and Brownfield Assets: The Impact of Unified Visual Data on O&amp;M, Environment, Safety and Productivity Improvements</b> <ul style="list-style-type: none"> <li>➤ Enabling productivity improvements of up to 33% through reduced travel and simplified, unrestricted data access</li> <li>➤ Improving organizational communication with accurate, real-time information through effective aggregation and visualization of all existing, and traditionally siloed data</li> <li>➤ Improving business continuity efforts whilst reducing site exposure hours</li> <li>➤ Challenging the status quo with proven use cases demonstrating the power and value of digital transformation</li> </ul> <p><b>David Lod</b>, CEO, <b>VEERUM</b></p>	KEYNOTE PRESENTATION 
09:00	<b>Bringing Extended Reality to the Masses: Developing a Center of Excellence for Streamlined Digital Adoption and Deployment</b> <ul style="list-style-type: none"> <li>➤ Why invest in emerging technology and what are the real-world benefits?</li> <li>➤ Assessing appropriate applications for mixed reality solutions to improve UX and drive business improvements</li> <li>➤ Deciding whether to develop in-house or buy off the shelf: Understanding the maturity of technology and solutions providers to identify the best partners</li> <li>➤ Paving the way for change: Developing the stakeholder architecture, creating roles, and selecting leaders to effect change</li> </ul> <p><b>Vitor do Valle</b>, Head of Centre of Excellence in UX and Digital Technology, <b>Petrobras</b></p>	
09:30	<b>QUICKFIRE TECHNOLOGY AND PRODUCT DEMONSTRATIONS</b> This session provides an additional opportunity to meet with our product and solution providers in the exhibition hall to learn more about the products, technology and services that have been developed to solve some of your unique challenges. The technology demonstrations will last approximately 8 minutes across four cycles with the opportunity to ask questions immediately afterwards over the refreshment break. Hear from leading technology leaders specializing in Intelligent Automation, IoT, AI, ML, AR/VR/XR, Digital Twins, Cloud, Cybersecurity and many more.	  
10:10	<b>NETWORKING BREAK</b>	

# SUMMIT DAY TWO: WEDNESDAY 15 FEBRUARY 2023

## Digital Twins, Immersive Technology & The Connected Worker

10:30	<p><b>Developing Dynamic Digital Twins for Superior Organizational Effectiveness</b></p> <ul style="list-style-type: none"> <li>➤ Utilizing digital twin technology for improved collaboration, communication &amp; teamwork</li> <li>➤ Defining and setting behaviors within an autonomous world</li> <li>➤ Harnessing simulation to remove bias for optimal certification and operator selection</li> <li>➤ How can dynamic digital tools open the doors to untapped and overlooked talent?</li> </ul> <p><b>Graham Provost</b>, Vice President of Strategy and Business Development for Process Industries, <b>CORYS</b></p>				
11:00	<p><b>Applying a Technology-Driven Approach to Improve our Industry's Overall Workforce Effectiveness</b></p> <ul style="list-style-type: none"> <li>➤ Understanding the knowledge-based challenges impacting our industry, and how we can bridge the skills gap with digital tools</li> <li>➤ How can we automate knowledge capture and transfer from front-line workers in a meaningful way?</li> <li>➤ What approach can organizations take to institutionalize operations and maintenance 'expertise' and measure competency?</li> <li>➤ Enhancing "Procedural Clarity": Solving competency based challenges with technology for enhanced operations and maintenance performance</li> </ul> <p><b>Christian McDermott</b>, Global Market Coordinator, <b>Voovio</b></p>				
<b>Roundtable Discussions</b>					
<p>11:30</p> 	<p><b>Building, Scaling, and Integrating an Immersive Learning Strategy:</b> How to scale VR and AR training for enterprise deployment</p> <p><b>Miranda Palmisano</b>, XR Immersive Technologies &amp; Connected Worker Product Manager, <b>Chevron</b></p>	<p><b>Leveraging Accessible, Unrestricted, Cloud-Hosted Digital Twins:</b></p> <p>Taking advantage of lower cost reality data capture trends for productivity gains of up to 33%</p> <p>Moderator: <b>Trevor MacMaster</b>, Chief Client Officer, <b>VEERUM</b></p>	<p><b>Digital Disruption and the Connected Worker:</b></p> <p>Aligning technology and vision with reality, developing a seamless ecosystem and intuitive user experience</p> <p>Moderator: <b>David Bailey</b>, Product Owner - Digital Transformation, <b>Chevron Phillips Chemical Company</b></p>	<p><b>Linking People, Process and Company Vision:</b></p> <p>Successfully evolving simulation and dynamic digital twin initiatives</p> <p>Moderators: <b>Graham Provost</b>, Vice President of Strategy and Business Development for Process Industries, <b>CORYS</b> <b>Tony Lighty</b>, Senior Business Development Manager for Process Industries, <b>CORYS</b></p>	<p><b>Digitally Improving Workforce Knowledge Transfer:</b></p> <p>Applying digital tools to minimize skills and competency gaps</p> <p>Moderator: <b>Christian McDermott</b>, Global Market Coordinator, <b>Voovio</b></p>
12:30	<p><b>ESG Technologies: Putting Emphasis on the "S" within Worker Safety</b></p> <ul style="list-style-type: none"> <li>➤ Understanding and identifying the surge in incidents</li> <li>➤ Why is there a critical need for worker safety solutions?</li> <li>➤ Where are we now with digital safety management systems and wearables?</li> <li>➤ How will our solution be deployed for Oil, Gas and Shipping Industries: Comparing results before and after to quantify long-term benefits</li> </ul> <p><b>Captain Daniel Alcantara</b>, Chief Solution Delivery Officer, <b>Magellan X</b></p>				
13:00	<b>NETWORKING LUNCH</b>				

# SUMMIT DAY TWO: WEDNESDAY 15 FEBRUARY 2023

## IIoT, Intelligent Automation, Artificial Intelligence, Cloud, Web3 & Cybersecurity

14:00

**Not Your Grandpa's SCADA System: Building Future-Proofed Systems**

- The challenges with the current state of SCADA
- How to leverage Edge Nodes in Oil and Gas
- What is SparkplugB and how we can use it to develop models at the Edge?
- How to architect these systems to ensure compliance and security standards are met
- The ROI for adopting this type of solution for your business

**Peter Boyle**, Chief Operating Officer & Managing Partner, **Streamline Control**  
**Jeremiah Hannley**, Chief Technology Officer & Managing Partner, **Streamline Control**

14:30



TRANSITION  
INSIGHT

**The Future of AIOps within Energy: Exploring the Enduring Benefits of Artificial Intelligence**

- Process mining: Uncovering opportunities where we can optimize operations and add value using AI and ML
- Examining the critical role of data and business analytics to enable visibility of process
- Understanding how the incorporation of artificial intelligence can help manage risk
- Digital colleagues: How will AI-led operations reshape the modern workforce?

**Biju Misra**, Director, Corporate Business Services/Automation CoE, **Enbridge Inc**

**Roundtable Discussions**

15:00



**IoT Device Lifecycle Management:**

Exploring best practice strategies for handling IIoT products

Moderator:  
**Hitendra Kurwa**, Enterprise Architect - IoT, **Shell Energy**

**Supercharging Midstream IoT Data and Process Innovations for Enhanced Asset Performance:**

Utilizing Process Plugins for simplified asset-based compressor management, optimization, and condition-monitoring

Moderators:  
**Caleb Sargent**, VP Operations, **Process Innovations**  
**Dwayne A. Hickman**, VP eRCM Products and Solutions, **ACI Services, Inc.**

**Transparent, Secure, Scalable:**

Utilizing Web3 and blockchain to accelerate sustainability and energy transition

**Uniting Digitalization and Technology with Asset Integrity Management:**

Leveraging digital tools for improved asset performance

Moderator:  
**Mark Kachelmyer**, Senior Integrity Engineer, **Plains All American Pipeline, L.P**

**Implementing a Digital Cloud First Strategy:**

Assessing real-world benefits, opportunities and challenges associated with cloud applications

15:30



**QUICKFIRE TECHNOLOGY AND PRODUCT DEMONSTRATIONS**

This session provides an additional opportunity to meet with our product and solution providers in the exhibition hall to learn more about the products, technology and services that have been developed to solve some of your unique challenges. The technology demonstrations will last approximately 8 minutes on four cycles with the opportunity to ask questions immediately afterwards over the refreshment break. Hear from leading technology leaders specializing in Intelligent Automation, IoT, AI, ML, AR/VR/XR, Digital Twins, Cloud, Cybersecurity and many more.






16:10

**NETWORKING BREAK**

# SUMMIT DAY TWO: WEDNESDAY 15 FEBRUARY 2023

## IIoT, Intelligent Automation, Artificial Intelligence, Cloud, Web3 & Cybersecurity

Roundtable Discussions	
<p>16:30</p> 	<div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p><b>Big Data and Enterprise Analytics:</b> Harnessing AI and ML to drive value through actionable real-time insights for enhanced decision-making support</p> <p>Moderators: <b>Srivatsan (Vats) Srinivasan</b>, Enterprise Data &amp; Analytics Leader, <b>Enbridge Inc</b> <b>Biju Misra</b>, Director, Corporate Business Services/Automation CoE, <b>Enbridge Inc</b></p> </div> <div style="width: 24%;"> <p><b>Determining and Managing Cybersecurity Risks Associated with Digitally Connected Assets:</b> Removing vulnerabilities, and securing systems from ever-growing cyber threats</p> </div> <div style="width: 24%;"> <p><b>Optimizing Physical Asset Connectivity and Source Data Transfer:</b> How to capture, consolidate and publish operational data for re-use by the workforce</p> <p>Moderator: <b>Charlie Kettner</b>, Team Lead Programming NEBC, <b>ARC Resources</b></p> </div> <div style="width: 24%;"> <p><b>Transparent, Secure, Scalable:</b> Utilizing Web3 and blockchain to accelerate sustainability and energy transition</p> </div> <div style="width: 24%;"> <p><b>Achieving Asset Optimization with IIoT and Intelligent Automation:</b> Developing the technology infrastructure to realize transparent, predictable, and superior operations</p> </div> </div>
<p>17:30</p>  <p>PANEL DISCUSSION</p>	<p><b>Our Digital Future: Achieving the Next Generation of Digitally Enhanced Oil, Gas &amp; Petrochemical Organizations</b></p> <p>This panel discussion will look at how technology is digitally reshaping oil, gas and petrochemical operations. Our panelists will define best practice for the successful integration, adoption of intelligent automation, digital tools and emerging technology.</p> <ul style="list-style-type: none"> <li>➤ How can we streamline the integration of intelligent automation, digital tools and emerging technology within existing legacy assets and processes?</li> <li>➤ Avoiding technology overload and digital hype: Developing an innovation plan to ensure complete value extraction from existing digital solutions before moving onto newer, shinier options</li> <li>➤ Evaluating and balancing suitable use cases for the deployment of new technology to maximize ROI: Identifying the best tools, solutions, and partners to facilitate the journey</li> <li>➤ The importance of user experience within digitalization initiatives: Where to start and how to benchmark overall success</li> <li>➤ IIoT, Cloud, Edge, Immersive Tech, Blockchain: What's the next big thing and how can we position ourselves to capitalize on the evolving pace of innovation</li> </ul> <p>Panelists: <b>Ed Moore</b>, Senior Technology Strategist – Technical Computing, IIoT Technology Area Manager, <b>Chevron Energy Technology Company (ETC)</b> <b>Lance Medlin</b>, Vice President, Capital Projects, <b>Clean Planet Energy</b> <b>Philippe Daroux</b>, Industrial Network Design &amp; Consulting Manager, <b>Chevron</b></p>
<p>18:10</p>	<p><b>Closing Remarks &amp; End of Conference Day Two</b></p>
<p>18:15</p>	<p><b>DRINKS RECEPTION</b></p> <p>All attendees are invited to attend our networking drinks reception at the end of the day's proceedings. This is our way of saying thank you for your contribution and to create an additional opportunity to continue your discussions in an informal setting.</p> 

# PRE-EVENT VIRTUAL ROUNDTABLE: WEDNESDAY 25 JANUARY 2023

11AM EST | 4PM GMT (60 MINUTES)

## DECARBONIZATION FOR OIL & GAS THROUGH TECHNOLOGY

Despite the world's intention to move towards a carbon neutral future, the demand for fossil fuels continues to grow. But how will the Oil & Gas industry continue to meet energy needs whilst reducing emissions?

Many are exploring new and emerging technologies designed to drive down emissions, re-aligning organizational goals, upskilling and employment transition strategies.

With this in mind, our upcoming Virtual Roundtable Discussion will explore best practice strategies to identify and overcome challenges surrounding Decarbonization and Net Zero initiatives, exploring key themes such as:

- › Understanding the role of technology, innovation and transformation to decarbonize the Oil & Gas Industry
- › Creating the roadmap for decarbonization
- › Identifying and prioritizing core business use cases
- › Operationalizing, Scaling and Integrating technologies
- › Heavy duty industry
- › Metrics of Success

Collaborate and interact virtually with Decarbonization experts:



**Ama O Sarpong,**  
O&G Independent  
Expert



**Andrew Murphy,**  
Advisor Future  
Mobility -  
Advanced Fuel  
Products at **BP**



**Chris Gilbert,**  
Technical  
Manager and UK  
Decarbonization  
Lead at  
**Phillips 66**



**Ayush  
Gayaprasad,**  
M&A Program  
Manager at **Shell**



**Andreana  
Benshoff,**  
Innovation  
Consultancy  
Manager  
(Americas) at  
**Wazoku**

**REGISTER FREE TODAY**

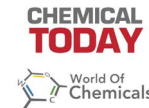
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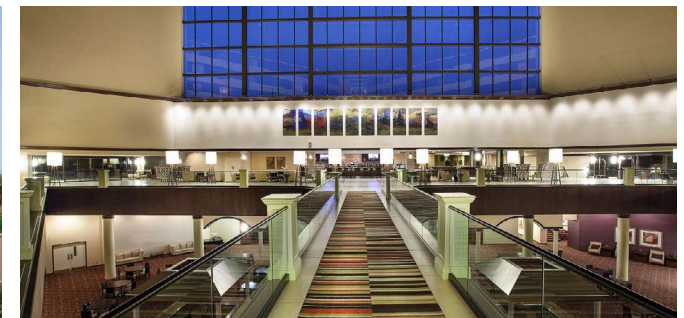
### Hyatt Regency Houston Intercontinental Airport

425 North Sam Houston Parkway East, Houston, Texas, United States, 77060

Tel: +1 281 249 1234 | Fax: +1 281 445 9826

### More about the Hotel:

Hyatt Regency Houston Intercontinental Airport is a tour de force of hospitality, newly renovated with a blue tone décor and an ideal location off Sam Houston Parkway and Beltway 8. The Lone Star State's largest city is yours to explore, Visit The Woodlands to the north or Houston Zoo and NRG Stadium to the south. A sweeping six-story lobby, hand-designed outdoor pool and waterfall, full-service restaurant and stylish, modern guestroom awaits you.



\*Image from our Automation series



\*Image from our Automation series

## Event code 006.04

Oil & Gas Automation and Technology Week (14-15 Feb 2023)  
FREE Decarbonization Virtual Roundtable (25 Jan 2023)

Pass Includes:	O&G Operators	Vendors
Access to all Main Conference keynotes, panel discussions and interactive sessions	✓	✓
Access to networking sessions and meetings	✓	✓
Networking lunch and refreshments throughout the day	✓	✓
Access to an exclusive networking drinks reception	✓	✓
Download presentations following the events	✓	✓
Pricing:		
OGAT Week	<b>\$995</b>	<b>\$1,495</b>
Add Decarbonization Virtual Roundtables to the package	<b>+\$0</b>	<b>+\$0</b>

VAT Registration Number: 288 2542 70

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## 4 WAYS TO BOOK

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www.ogatweek.com

**Post:** copy this form once filled in and send to: Mark Giles, 4100 Park Approach, Thorpe Park, Leeds, LS15 8GB

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Booking as a team delivers you an added discount. We do this as we know the value of learning as a team!

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## We can deliver events and masterclasses at your place of work

Do you have a room we can use, do you have 12 members of staff or more that want to attend the masterclass? Then contact us about us coming to you and delivering a bespoke masterclass for you at your place of work. info@amg-world.co.uk

## Venue:

Hyatt Regency Intercontinental Airport  
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Houston, TX 77060,  
Tel: +1 281 249 1234  
<https://www.hyatt.com/>

## Accommodation:

Travel and accommodation are not included in the registration fee. For updates on the venue and accommodation information, please visit: [www.ogatweek.com/venue](http://www.ogatweek.com/venue)

## Delegate details

(Please photocopy a new sheet for each delegate)

Mr Mrs Miss Dr other

First name

Family name:

Telephone number:

Job title

Email:

Yes I would like to receive info about products and services via email

Organization:

Nature of business:

Address:

Postcode / Zip code:

Country:

Tel:

Fax:

Approving Manager:

Special Dietary Requirements: vegetarian non-dairy other

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SEC (last 3 numbers on Back of card):

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