



OPERATIONAL EXCELLENCE IN OIL AND GAS

May 4-5, 2021 | Online Event

Tuesday, May 4th, 2021

<p>9:00 am EST</p>	<p>Driving Operational Excellence through a Connected Worker Strategy: Engage Employees, Improve Efficiency, Learn from Incidents and Foresee Trends</p> <p>Our panel will discuss how deploying a connected worker strategy using digital content matures as an organization uses it, fueling more transparent, consistent, and predictive operations.</p> <ul style="list-style-type: none"> • Engagement: Give workers mobile access and feedback systems in the flow of work to shift ownership of digital content. • Improve Efficiency: Use feedback from the field to fuel improvements and see other parts of the business start to take notice. • Learn from Incidents and Foresee Trends: Use data from the field to learn from incidents and apply insight to other plants or sites. <p><i>Phaneendra Bollavaram, Remote Operations Manager, Global Production Operations, Apache Corporation</i> <i>Brent Kedzierski, Head of Learning Strategy & Innovation, Shell</i> <i>Hugo Ashkar, Global Risk Project Manager, BP</i> <i>Moderator: Jennifer Rogers, Former Head of Learning, Anglo American</i></p>
<p>9:45 am EST</p>	<p>The Power of the Digital Twin and AI: Accelerate Operational Efficiency and Agility</p> <p>Use power of next generation tools to create a Digital Twin addressing:</p> <ul style="list-style-type: none"> • Legacy solutions and sustainability issues : Change focus from expertise in software tool to expertise in business outcomes • Spanning both Asset Lifecycle for CAPEX and Operational Lifecycle for Opex • Artificial Intelligence (AI) for Performance Asset Optimization - combining process simulation, design, engineering with supply chain, operations and maintenance <ul style="list-style-type: none"> ○ Dynamic range models, risk-based AI analysis using Remaining Useful Life (RUL) estimation, and impact analysis based on the known constrains in the process <p><i>Tarush Lakhanpal, Senior Technical Consultant, Planning & Operation, AVEVA</i></p>
<p>10:30 am EST</p>	<p>Managing APM Return-on-Investment (ROI) Risk</p> <p>Asset Performance Management (APM) projects focus on improving equipment availability, reducing lost production, lowering maintenance cost, improving safety, and delivering an overall reduction in equipment related risk. As a result, APM can create significant value and improve the financial performance of industrial companies. Like all major initiatives, APM projects require a value driven justification and the business case is the tool used to identify, quantify, and communicate value to leadership. These business case results are quantified as NPV, IRR, Breakeven analysis, etc., and typically offer very attractive returns. However, based on past maintenance, reliability and asset management</p>

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	<p>project returns where projects did not deliver the promised ROI, management often views ROI projections as “risky business”.</p> <p>This session will address the elements of an APM business case, and common reasons that some APM projects underperform promised results. Risks common to delivering projected ROI will be discussed and applicable risk management tools and techniques to identify and mitigate potential risks will be reviewed. Special emphasis will be given to enlisting senior management assistance in management ROI risk.</p> <p>Learning objectives:</p> <ul style="list-style-type: none"> • Review the elements of a business case • Understand ROI Risk; definition, estimating challenges, and quantification techniques • Recognize common risks that impact APM project ROI and techniques to mitigate these risk • Discuss how to create leadership alignment to support ROI risk mitigation <p><i>Paul Casto, APM Industry Principal, GE Digital</i></p>
<p>11:15 am EST</p>	<p>Taking the Step from Control of Work to Effective Management of Operational Risk: Leveraging Human Factors and System Design</p> <p>A brief overview of how human factors and system design can help different levels in an organisations talk, visualise and understand risk in the same way. Understanding requirements based on a common definition of risk leads to better competency and better operational discipline – both major contributors to Operational Excellence.</p> <p><i>Anton Gerassimov, Control of Work System Implementation Lead, BP, Enablon</i></p>
<p>12:00 pm EST</p>	<p>Building Smarter Solutions with AI, RPA, and DPA in Oil and Gas Industry</p> <p>Global oil and gas producers have been empowering and mobilizing the world’s population and, as a way to stay competitive and compliant, these organizations were some of the earliest to adopt data and digital technology in their operations. They understand that the right technologies will help streamline operations, while improving customer satisfaction and increasing profitability. In fact, contemporary tools for data management, equipment monitoring and field service are considered mainstays in the industry, but the opportunity has quickly evolved to more advanced technologies such as the intelligent automation, robotic process automation, and AI-powered services to enhance employee productivity.</p> <p>Business transformation is a key initiative for many organizations including those in oil and gas industry, but it can be difficult to navigate today’s complex technology landscape. How can leading-edge technologies like AI and RPA best be utilized to build smarter solutions? What role do DPA solutions play?</p>

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	<p>Join us to learn a practical approach to utilize these technologies to build solutions that drive transformation and optimization throughout your organizations.</p> <p><i>Paul Hsu, Director of Product Marketing, Nintex</i></p>
<p>12:45 pm EST</p>	<p>Asset Performance Management 4.0: Where, when, and how to get started on realizing a digitalized APM future</p> <ul style="list-style-type: none"> • Understanding the value for investment in automation and digitalisation • Improving asset performance management over the entire asset lifecycle • Understanding of the current status of your assets and what improvement opportunities will provide the quickest financial return • Creating a APM digital transformation roadmap and ensure a more balanced, cohesive and pragmatic approach to Industry 4.0 <p><i>Randy Pound, Global Manufacturing Director – Maintenance & Reliability, Corporate Ethics & Integrity Officer, Olin</i> <i>Stan DeVries, Senior Director Digital Acceleration Consulting, AVEVA</i></p>

Wednesday, May 5th, 2021

<p>9:00 am EST</p>	<p>Moving from ProFormance to Performance: Claimed Benefit & Improvement Validation Framework</p> <p>The objective of this webinar is to provide a roadmap that organizations can use to move beyond a check-the-box approach (proformance mindset) to verify and validate any claimed benefits and improvements as a result of optimization and instead design, implement and evaluate proactive practices that have been found by leading organizations to be effective. To counter some of the incredible challenges the oil and gas industry is currently, this webinar will provide an overview of the claimed benefit and improvement framework fundamentals based on the following guiding principles:</p> <ul style="list-style-type: none"> • Standardization: Standardize process, definitions, and methodologies for the validation and reporting of benefits • Simplicity: Simplify the validation and reporting of benefits in a framework with ease of implementation • Sustainability: Sustain the process with best practices and compliance measures, ensuring adequate awareness and training <p><i>Pierre Nader, Operational Excellence Group Leader, Finance, Strategy & Development, Saudi Aramco</i></p>
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