



May 18th, 2021 | Online Conference

Tuesday, May 18th, 2021

<p>8:30 am EST</p>	<p>Immersive Digital Twins: Transforming Training with Virtual Reality</p> <ul style="list-style-type: none"> • Increasing productivity and reducing learning times – while at the same time meeting the accessibility challenges presented by COVID-19 • Embracing simulation technology as a more efficient and effective tool to train employees in everything from drilling techniques to diversity and inclusion • Providing employees a safe place to practice their skills, no matter where they're located • Creating an internal ecosystem that continuously improves training programs • Using VR to create simulated environments to develop soft skills, including role-play exercises where managers can practice having difficult conversations with their employees <p><i>Anthony Del Barto, Learning Technology Manager, BP</i> <i>Brent Kedzierski, Head of Shell Learning Strategy & Innovation, Shell International</i> <i>Marcelo Fernandez, Product Owner for Digital Twin & Rich Media, Chevron</i> <i>Moderator: Gavin Taylor, Vice President, Global Sales & Strategy, 3t Energy Group</i></p>
<p>9:45 am EST</p>	<p>From Data to Digital Twin: Extracting the most value across your projects and plants</p> <p>Greg Pada has consulted with hundreds of AVEVA's customers around the world to create and implement their industrial asset digitalization strategies, many which rely on a digital twin approach. Beyond the buzzword, a digital replica of the physical plant can take many forms based on the data it's comprised of, the ways in which it is leveraged, and by who. Join Greg Pada on Mat 18 for a 1-hour session where he will share prime opportunities for extracting real value from Digital Twins at the various phases of your asset's lifecycle – from capital projects through to operations and maintenance – and practical steps you can take today to start your digital twin journey with the data you already have.</p> <p><i>Greg Pada, Portfolio Director, AVEVA Engineering Plant Solutions, AVEVA</i></p>
<p>10:30 am EST</p>	<p>Establishing Requirements for Performance Twins: Predict, Diagnose and Forecast</p> <p>Implementing Digital Twins is becoming a strategic necessity for many industrial companies. Although investment has increased, requirements and expectations have eroded, especially those of Digital Twin models</p> <p>In this session, we explore the basics of how Digital Twin models should be built, how to scale and implement these models on assets and systems to create a twin and discover best practices for how to leverage these twins operationally to Predict, Diagnose and Forecast performance degradation as a part of your reliability work processes. GE is working directly with customers to build and operationalize Digital Twins in harmony with their business processes and asset management functions.</p> <p><i>Jared Hartness, Director of Industry Solutions, CMRP, GE Digital</i></p>
<p>11:15 am EST</p>	<p>Building Data-Rich Digital Twins of Your Legacy Facilities</p>

Questions about this year's event? Email Event Director Leslie Allen at leslie.allen@iqpc.com



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	<p>More than ever, asset owners need a way to quickly deliver a digital twin of their legacy operating facilities that do not have a current CAD model. In this session, you will learn how to:</p> <ul style="list-style-type: none"> • Connect your enterprise asset management, real-time operating data and document management systems to a digital twin of your capital assets • Breakdown information silo’s making it easier for people to find information • Add intelligence to laser scans and visualize your data with new context and new insights • Improve operational safety with remote site access • Reduce value leakage and optimize safety measures during the pandemic <p><i>Rob Southon, CTO, VEERUM</i> <i>Kelly Kinghorn, Partner and Technology Services Lead, ReVisionz</i></p>
<p>12:00 pm EST</p>	<p>It's All about ROI: Metrics and KPIs to Measure Digital Twins Benefits</p> <p>This session will discuss how to maximize ROI by using digital twin technology and advanced analytics in oil and gas operations. An emerging and more holistic view of ROI includes defining the performance of the digital twin model, it’s ease of use and integration, levels of organizational transparency gained, and the resources required to maintain and manage the twin over the lifetime. Specific examples including reducing methane emissions and improving operational efficiency will be presented.</p> <p><i>Shannon Geegan Katcher, Executive Director, Digitalization and Data at Gas Technology Institute</i></p>
<p>12:45 pm EST</p>	<p>Digital Twins in Oil and Gas Concludes</p>