



# ENGINEERING THE PLANT OF THE FUTURE

June 16, 2021 | Online Event

## Wednesday, June 16, 2021

**12:00 pm EST  
(45 mins)**

### **Engineering the Plant of the Future: Delivering Capital Projects into Operations On Time, On Budget and Sustainably**

- Preparing for what's ahead: How to build transparency and collaboration
- How do you build resilience today and continue to plan for the future, when sustainability is so important?
- Modernizing your organization to be able to fit market trends: sustainability, brownfield, digital twin, greenfield, cloud
- Breaking down silos and increasing collaboration between internal teams, vendors and clients for agility and flexibility
- Understanding the potential impact on your business – and your people

*Ricardo Castillo, Senior Engineering Project Manager, Worley*

*Ralph Rio, Vice President, ARC Advisory Group*

*Joe Puglisi, Project Manager – Oil, Gas, and Chemical, Burns & McDonnell*

*Trevor Williams, Senior Vice President of Nitrogen Operations, Nutrien*

*Moderator: Jen Rizzo, Head of Americas Sales Operations, AVEVA*

**12:45 pm EST  
(35 mins)**

### **Defining the Plant of the Future**

Join Greg from AVEVA, where he will discuss how EPCs and owner operators can leverage technology to build resilience now while also laying the foundation for the plant of the future. Understand how the right mix of people, technology, and processes can create structure without hindering creativity at your company including:

- Creating automated transparency in capital project engineering and execution
- Leveraging every interaction to build trust between the Owner-Operator and the EPC
- Accelerating the path to operational nameplate capacity
- Operations Digital Twin ( Asset Information Management)
  - – KPI Dashboards & Reports
- Operator Training Simulation ( OTS)
  - – Dynamic Process Simulation models
- Asset Performance Management – Predictive Maintenance
- Digital Work Processes (Operational Safety Management / Work Tasks)

*Greg Pada, Portfolio Director, AVEVA Engineering Plant Solutions, AVEVA*



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<p><b>1:30 pm EST (35 mins)</b></p>	<p><b>Digital and Automation Transformation at Eastman Chemical Company: From Strategy to Sustainable Innovation</b></p> <p>Jan Shumate will share Eastman Chemical Company's visionary digital transformation agenda. She will explain how the team in the USA is working to develop an innovative circularity dashboard to measure and drive sustainable operations in their chemical manufacturing processes.</p> <p><i>Jan Shumate, Director, Worldwide Engineering &amp; Construction Services and Solutions, Eastman Chemical Company</i></p>
<p><b>2:15 pm EST (35 minutes)</b></p>	<p><b>From Strategy to Execution: Building your Roadmap to The Plant of the Future</b></p> <p>Encouraging progress is being made throughout engineering and construction to more closely link digitization of operations to sustainable outcomes. Project teams around the globe are more agile than ever, using consolidated data to meet fluctuating demand and optimizing production while reducing energy usage.</p> <p>Join this interactive session where Julien will reflect on the previous presentations and show participants how the right mix of people, technology, and processes can create structure without hindering creativity at your company. Build a roadmap for your own organization that you can communicate to your executive team tomorrow. This workshop-style session will cover how to:</p> <ul style="list-style-type: none"> <li>• Reduce energy costs while shrinking your carbon footprint</li> <li>• Modernize your organization to be able to fit market trends including sustainability, brownfield, digital twin, greenfield, cloud</li> <li>• Leverage opportunities to radically reduce energy costs and shrink your plant's carbon footprint</li> <li>• Increase collaboration by first understanding what's driving the lack of transparency</li> <li>• Identify and develop the digital skills and capabilities you need</li> <li>• Enable your team to work smarter with user-friendly tools</li> </ul> <p><i>Julien de Beer, Head of Portfolio Management, Engineering Business Unit, AVEVA</i></p>
<p><b>3:00 pm EST</b></p>	<p><b>Building the Plant of the Future Concludes</b></p>

Questions about this year's event? Email Event Director Leslie Allen at [leslie.allen@iqpc.com](mailto:leslie.allen@iqpc.com)