

ASSET PERFORMANCE MANAGEMENT 4.0

April 28, 2021 | Online Event

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9:00 am PST Asset Performance Management 4.0: Defining your APM Strategy

- Getting past the hype: upgrading APM from an asset-oriented approach to a holistic system connecting engineering, operations and performance
- Building an APM framework that includes process, people, systems data and culture
- Understanding the business context: What targets do you have? What market challenges will you be facing? What sustainability and environmental factors should be considered? How are supply chain dynamics influencing your facility?
- Maintenance and operations: What is the condition of your organization, processes and IT/OT systems? How do they interact? How are you organized?
- Visual asset condition: What is the physical condition of assets, including their layout, automation architecture, and workflows within your plant?
- Translating your APM strategy into actionable tasks
- Digital twin- applying operational levers that open up value; connected worker – using these to drive reliability; connecting workers digitally to connect to asset performance

Panelists:

Kim Custeau, VP, Head of Asset Performance, AVEVA

David Metcalfe, CEO, Verdantix

Walter Pesenti, Global Operational Excellence Manager, INEOS

Perry Zalevsky, Senior Director, Industry, OSIsoft

10:00 am PST What are the Critical Success Factors to Get the Most ROI from Predictive Analytics?

Making predictive analytics work for your company requires following several best practices and rigorously applying the principles discussed during the opening keynote panel. It begins by developing a business case and projected Return on Investment, adjusting the associated business processes, and tracking the costs and benefits during the deployment.

This presentation goes deeper into the critical success factors for achieving the business results on time and within budget. We also discuss how cloud solutions for Predictive Analytics can enable you to reach these results more easily.

Ruud Willekens, Technical Sales Consultant - Asset Strategy Optimization, AVEVA

Dave Koszulinski, Senior Consultant – APM, AVEVA

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10:45 am PST The Evolution of Maintenance and Reliability Towards Prescriptive Maintenance

- How has maintenance and reliability evolved over time
- Prescriptive maintenance vs. predictive maintenance
- Why we need to get to predictive maintenance
- How do we get there in the most efficient way?
- Reliability process execution

Randy Pound, Global Manufacturing Director Maintenance and Reliability, Olin

11:30 am PST From Strategy to Execution: Building your AI & Analytics Roadmap

- Defining the business need, future requirements and solution extensibility
- Creating a 360 degree view of your risk:
 - Deeper insight into asset anomalies
 - Detection of asset issues even earlier than through predictive analytics alone (also requiring less data for model training)
 - Asset remaining useful life forecast through deep learning
- Impact analysis of degrading or failed assets
- Combining AI with simulation to achieve in-depth risk analysis along with very early detection of asset issues
- Ensuring that predictive asset analytics solution fits into your overall business strategy and future business requirements
- Conducting a cost-benefit analyses: what are your “must haves,” “should haves” and “may haves”
- Building a data-driven culture

James Chappell, Global VP, Head of AI & Advanced Analytics, AVEVA

Drew Bowen, Global Presales Lead, Artificial Intelligence, AVEVA

12:15 pm PST Asset Performance Management 4.0 Concludes