



July 14, 2021 | Online Event

<p>9:00 am EST</p>	<p>Advanced Analytics: The Imperative for Manufacturing</p> <p>Manufacturing is on the verge of a data-driven revolution.</p> <p>The data and processes inherent to manufacturing are more complex than ever. And although data scientists and statistical control engineers have built methods and algorithms to drive efficiency and optimize processes, it's harder and harder to keep up.</p> <p>The variables are increasing and the volume of data is unprecedented. In addition, market conditions limit both the capital and the physical space that companies have to expand. You must get more out of your current operations. Can you predict when a piece of equipment will fail and deploy a corrective action to avoid down time? Can you accurately forecast production to keep in line with quarterly targets and market conditions? Can you automate tasks and prevent putting workers in unsafe situations? How can you operate equipment at low cost while maximizing production?</p> <p>Advanced analytics can answer these questions and more, and can transform the way manufacturers operate. Yet adoption is slow, and leadership has concerns around how best to roll out effective digital strategies, processes, business models and technologies that are right for them. Join this opening keynote panel and find out how these leaders are overcoming these challenges.</p>
<p>9:45 am EST</p>	<p>Data-Driven Transformation: Accelerating your Data Strategy – and the Action Plan to Make it Happen</p> <ul style="list-style-type: none"> • Defining a clear data-to-value strategy and roadmap • Building the capabilities you need: combines digital skills with sector-specific manufacturing know-how • Determining what your analytics goals are: compliance? scaled capabilities? Increased security? greater speed? Higher quality? New capabilities? • How does the application of advanced analytics integrate into the overall business strategy of operational excellence and cost reduction?
<p>10:30 am EST</p>	<p>Data is the Lifeblood of Performance Optimization: Leveraging Advanced Analytics in Process Manufacturing</p> <ul style="list-style-type: none"> • Using Machine learning and AI for equipment condition monitoring and predictive analytics • How can a production engineer use this technology to optimize his or her work day?



	<ul style="list-style-type: none"> • How can AI really drive bottom line benefits for your company? • What about the risks?
11:15 am EST	Making your Operations More Predictive: Integrating Your Asset Management and Predictive Maintenance Strategies <ul style="list-style-type: none"> • Defining success: Not all asset performance management programs are created equal • Asset performance management powered by machine learning: extracting value from decades of data to perform prescriptive maintenance and optimize asset performance • From starting out to scaling up: scaling predictive analytics solutions • Providing earlier prediction of asset failures while reducing or eliminating false positives
12:00 pm EST	Advanced Analytics Driven Operations: How to Fully Leverage the Power of your People <ul style="list-style-type: none"> • Why focusing on your people is the key success factor to making this work • Leadership opportunities and challenges <ul style="list-style-type: none"> ○ Overcoming cultural barriers to adopting new technologies and new ways of working ○ How to engage the organization in trusting in new tools, models and output ○ The importance of communication • Believing that data is a critical asset and building trust in data
12:45 pm EST	Manufacturing Data Excellence: Navigating the New Paradigms in Data Technology <ul style="list-style-type: none"> • Rethinking data governance for a cloud-based, digital and AI focussed world • Maximising the impact of your data strategy by encouraging enterprise-wide adoption of new processes, including key metrics for success to drive transparency and accountability for data initiatives • What are the key roadblocks/challenges involved in building a sustainable data culture, and how can you address these? • How can you effectively link your data initiatives to tangible business value in order to galvanise the organisation around the practice of data? • How can you achieve executive level buy-in for your data-driven initiatives in order to obtain meaningful investment?
1:30 pm EST	Data-Driven Operational Excellence Concludes