



Presents

GENERIS

# AMERICAN MANUFACTURING SUMMIT 2016



February 29<sup>th</sup> & March 1<sup>st</sup>, 2016



Renaissance Schaumburg Convention Center Hotel, Chicago, IL



[manusummit.com](http://manusummit.com)

## Tomorrow's Connection Today

Driving business performance through process and technological innovation



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## PROGRAM

# PROGRAM

DAY ONE: February 29<sup>th</sup>, 2016



7:30-8:30

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## Breakfast

8:30-8:40

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## Chair's Opening Remarks

**Robert Wood**  
VP, World Wide  
Manufacturing



**Allison Grealis**  
President & Founder



**John Rauschenberger**  
Vice President & GM



8:40-9:20

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## KEYNOTE

### World Class Manufacturing: Developing the Facilities & People Your Company Needs

- Embracing the need for cultural agility, with continuous improvement as an essential tool
- Driving Cost Management through the Plant: How to make better cost-informed decisions
- How will the US dollar impact manufacturing results
- People, process and technology: What are the latest trends in US manufacturing

**Byron Green**  
VP, Assembly Operations



9:20-10:00

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## PLENARY

### Leading Sustainable Improvement

- Guiding organizations through process change improvement
- Maximizing profitable growth as it relates to economic, environmental and social sustainability
- Importance of lean manufacturing and continuous improvement to a high-performance organization

**Richard Morris**  
VP, Project Integration



10:00-11:35

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## Pre-Arranged One To One Networking & Refreshments

### LEAN

#### Shared Best Practices to Lean Innovation and Sustainability

- Developing a sustainable model to generate better results with bottom line accountability
- Embedding the Lean Culture within your organization
- Establishing metrics and utilizing key lessons learned to ensure the program keeps on track
- Breaking down barriers to successful implementation
- Utilizing your Lean Program as a change agent within your operations

**Chris Drees**  
VP, Global Operations



### OPTIMIZATION

#### Competing in a Global Market by Unleashing the Capability & Creativity of your Team

- How to gain and sustain competitiveness by building a Culture of Continuous Improvement
- How to create the environment that enables your team to add maximum value
- How to focus your team's energy to optimize your organization's rate of improvement

**Alfredo Alonso**  
VP, Light Vehicle North America Operations



### TECHNOLOGY

#### Leveraging Technology to Drive Enterprise-Wide Optimization

- Lessons learned in adopting new technology with legacy systems that are already in place
- Recognizing the importance of standardizing best practices across manufacturing facilities
- Examining the implementation of ERP: how to best manage risk in technology scale up
- Driving the shift culturally from your old system in order to embrace the capabilities granted by your new system

**Margaret Townsend**  
Former VP, Global Business Excellence



### WORKSHOP

#### Driving Efficiency in your Manufacturing Facility by Implementing Operator Methodization and Front Loading Rebalance Techniques

- Understanding the benefits of 'Front Loading' Work Allocations in driving quality and minimizing wasted time on the factory floor
- How to use Lean Tools to Front Load Allocations
- Exploring 'Job Methodization' as a means of evaluating individual work cells and creating additional time for value added activities
- Addressing and eliminating traveled work to minimize waste and downtime

**Jeff Burke**  
Senior Engineer



### WORKSHOP

#### Leading Change to Optimize Performance in a Multi-Generational Manufacturing Environment

- Gain new insights into successful change practices including how to validate what is working well and how to illuminate and address areas for improvement
- Increase your generational awareness. Learn how the 4 generations may respond to change and what is important to them in the workplace
- Leverage the strengths of each generation to implement and sustain change

**Kim Huggins**  
Senior Principal



**Ali Soheil**  
Managing Director, Global Delivery & Strategy



### WORKSHOP

#### The Connected Factory: How MTConnect Will Enable Next Generation Levels of Productivity and Accuracy in Manufacturing Software

- The role of MTConnect in the connected factory
- MTConnect development and links to productivity applications
- Illustrate how MTConnect in the connected factory will further improve:
  - On-time completions
  - Factory productivity
  - Production planning and costing accuracy
- Current projects to ensure next-generation productivity applications leverage best practices in the connected factory

**Dave Cook**  
Chief Revenue Officer



**William Sobel**  
Chief Strategic Officer & Co-founder



**Moneer Helu**  
Mechanical Engineer



12:45-1:45

## Lunch & Learn Round-Table Discussions \* Registration on-site required

### Succession Planning: What Can Companies Do to Develop the Next Generation of Manufacturing Talent

**Don Dunkers**  
VP, Manufacturing Operations



### Working With Universities for People, Ideas & Tools of the Future

**Jian Cao**  
Associate VP, Research & Professor of  
Mechanical Engineering



### How to Take a Blended Approach to Implementing Continuous Improvement

**David M. Hall**  
VP, Manufacturing



### Using Mission-Based Teams to Ensure Manufacturing Quality and Reliability

**Steve Kessinger**  
GM, Global Services



### Driving a Culture of Incremental Innovation on the Road to Disruption

**Michael Mowins**  
President



1:45-2:25

## PLENARY

### The Agony and Ecstasy of Incorporating Big Data Analytics and IoT in Manufacturing

- Understand your Driving Forces behind the need for Data Systems
- Structural Elements in a Data Systems Implementation
- Understanding and Maximizing Critical Success Factors
- Equipping your organization to make the required cultural changes

**Dave Rauch**  
SVP, Worldwide Manufacturing Operations



2:25-3:00

## WORKSHOP

### Operational Excellence as a Competitive Advantage

- Developing a demand flow production system that can handle complexity
- Accounting for market opportunities: Establishing an OpEx program that drives manufacturing agility
- How to constantly drive Continuous Improvement from key multifaceted operational metrics
- Safety, Cost, Energy, Quality and Moral as key quantifiable components to sustainable OpEx deployment
- Optimal ways to drive efficiency in people, process and technology

**Phil McIntyre**  
Senior Director, Business  
Development



## WORKSHOP

### Innovative Application of Predictive Analytics to Enable E2E Supply Chain Synchronization

- Leverage the power of predictive analytics to enable true end-to-end supply chain synchronization — POS to production scheduling!
- Predictive analytics based solution to solve complex planning and scheduling challenges in real time operations
- Building an understanding of advanced LSS approaches to improve agility and reliability while reducing overall supply chain costs
- Developing insight on the use of analytics to optimize on-time deliveries, while improving OEE and inventories

**Alfred Sherk**  
Founder & CEO



## WORKSHOP

### Building Tomorrow's Manufacturer: How IoT is Transforming the Manufacturing Sector

- The impact of remote access to both historical and real-time data in driving the decision making process
- Improved asset utilization, workforce efficiency and improved risk management as a result of the connected facility
- Built for success—driving the infrastructure today that you will need tomorrow
- Eliminate massive information gaps about real time decisions to better manage risk

**Jerry O'Gorman**  
President & CEO



**3:00-4:20**

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## Pre-Arranged One-To-One Networking & Refreshments

**4:20-4:55**

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### PLENARY

#### BEYOND STRATEGY: How to Drive Execution in a Rapidly-Changing Environment

- Set high expectations. Most companies aim too low
- Develop a deep understanding of customer needs and expectations
- Create a management system that aligns strategy and activity, responsibilities and accountability
- Build a culture of problem solvers that develops future business leaders
- Sustain your momentum by continuing to drive forward

**Bill Remy**  
Chairman & Chief Executive Officer



**4:55-5:30**

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### CLOSING PRESENTATION

#### Understanding the Interplay between Human Behavior and the Success of a Lean Implementation

- Recognizing the correlation between personnel stress and the implementation of Lean
- Synchronizing the needs of individuals, the company, and its value chain to achieve the full benefits of your initiative
- Developing a Continuous Improvement mindset to provide the basis for a successful Lean initiative
- Ensuring that the right people are in the right place to avoid backsliding or a lack of ability to sustain change

**Michele Calbi**  
VP, Lean Transformation



**5:30-5:35**

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## Chair's Closing Remarks

**Robert Wood**  
VP, World Wide Manufacturing



**5:35-7:00**

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## Networking & Drinks Reception

Sponsored By:



# PROGRAM

DAY TWO: March 1<sup>st</sup>, 2016



7:30-8:30

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## Networking & Breakfast

Recognizing the Importance of Asset Identification and Management as a Means of Lowering Cost and Increasing Efficiency

**Robert Magnetti**  
Director, Software Solutions Sales — IOT



8:30-8:40

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## Chair's Opening Remarks & Review Of Day One

**Robert Wood**  
VP, World Wide  
Manufacturing



**Allison Grealis**  
President & Founder



**Steve Rauschenberger**  
President



8:40-9:20

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## KEYNOTE

### Developing a Sustainable Lean Deployment Plan

- Figuring out the major steps to take and elements to include in a successful lean deployment
- Understanding the root causes of why some lean initiatives fail to produce sustainable results
- Key components of establishing a lean culture of mutual trust, respect and continuous improvement
- Exploring the importance of culture and succession planning in developing a sustainable lean initiative

**Shubhayu Chakraborty**  
President, Performance Sensing



9:20-10:00

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## PLENARY

### A Manufacturer's Guide to Leading a Successful Supply Chain Transformation

- Understanding and addressing the unique supply chain needs of a manufacturing company during a transformation
- Defining and aligning your supply chain strategy with your overall corporate strategy
- Leadership strategies for a successful transformational supply chain execution

**Darrell Edwards**  
Chief Supply Chain Officer



## WORKSHOP

### Energy Intelligence Software: What are the Benefits?

- Interpreting facilities performance data to manage energy cost drivers
- Protect equipment and extend the lifetime of expensive equipment by eliminating unnecessary usage
- Connect plant operations with their energy price and tariff information to plan operations around the least expensive periods of the day
- Monetize operational flexibility for significant demand response payments
- Track, mitigate and predict peak demand charges

**Jay Zoellner**  
Managing Director, Global  
Industrial Solutions



## WORKSHOP

### The Shingo Model: A New Way of Thinking

- The Shingo Prize is referred to as the “Nobel Prize of Manufacturing”
- Achieving sustainable improvement and ideal results requires far more than just implementing tools and systems
- We need to understand the relationship between results and culture with a focus on ideal behaviors. Changing the way people behave requires changing the way people think
- Ultimately, sustainable success comes when we not only engage our people’s hands, but their minds and hearts as well

**Mark A. Baker**  
Director, Leadership  
Excellence & Business  
Development



## WORKSHOP

### Operation Technology Convergence for Today and Tomorrow

- Current industry trends: The convergence of two worlds, Information and Operation Technology
- The challenges with today’s methodologies: Manage the exchange of information when applications and interfaces like PLM for manufacturing, ERP, MES, EMI and the myriad of shop floor systems exist
- Understanding how a manufacturing service bus built on the principles of Manufacturing 2.0 have been used to address the convergence challenge
- Coordinate and contextualize information: Leverage the Industrial Internet of Things (IOT) and move further toward Smart Manufacturing or Industry 4.0

**Michele Sciuto**  
MOM Business  
Development Manager



## Networking & Refreshments

## OPTIMIZATION

### Preventive Error Proofing: The Missing Link in Sustaining the Gain

- How to create cost effective, robust solutions
- Behavioral versus technical solutions— Defining the difference
- Principles that can be applied across the enterprise for both technical and transactional problems
- How to begin your preventive error proofing journey

**Eric Maass**  
Director, DRM/DFSS



## STRATEGY

### Driving Quality While Maintaining a Strong Workforce in a Rapidly Growing Company

- Driving quality while maintaining an innovation culture through education reform and improvements through industry based certifications
- Utilizing technology to add value and reduce cost
- Automate, integrate and power analytics to optimize efficiency and empower employees
- Improve functionality through lean initiatives and avoid workforce disruptions
- The best survival strategy to avoid disrupters

**Mike Gentile**  
VP, Operations



## LEAN

### Understanding and Applying the Lean Transformation Framework

- Getting to the root of the problem and understanding the driving force behind the change
- Figuring out what leadership behaviors and management systems are required to support the new way of working
- Ensuring that changes to the way work is done are real, practical, and most importantly, continuous
- Building sustainable improvement capability in all people at all levels

**Mark Reich**  
Chief Operating Officer



### WORKSHOP

#### Transforming Manufacturing through the use of Digital

- Review of the top themes for manufacturing executives for 2016, highlighting those and the current challenges, as indicated in the results of the recently completed Accenture Global Manufacturing Survey
- How manufacturing leaders are planning to address key challenges with the use of digital
- Review of Accenture's Digital Factory Framework and perspective on the Digital Factory of the Future
- Highlight the transformative digital journey that lies ahead for manufacturers

**Russ Rasmus**  
Managing Director



**Joey Lanius**  
Managing Director



### WORKSHOP

#### Disruptive Technology: Scaling automation growth with flexible robotics

- How incremental, scalable, flexible automation works with today's competitive market
- How the new norm of customization, seasonal changes, shorter product life cycles, smaller production runs, and volume mix affect productivity
- Why disruptive technology can mitigate capital risks
- Why automation should grow naturally, scaling to an enterprise solution

**Mitchell Weiss**  
Chief Technology Officer



### WORKSHOP

#### See the whole story in manufacturing: How insights gained from Visual Analytics can impact your business

- Complexity is increasing for manufacturers due to a variety of factors including more competition, changing demand, increasing costs, and market volatility
- Qlik allows users to gain insights from and visibility into their data that they would not otherwise glean from often disparate and siloed processes and systems
- Through data discovery and self-service visualization users can interact with data and ask the next question
- Discussion of several manufacturing customer use cases

**Tom Haas**  
Senior Director of Market Development, High Tech & Manufacturing



### Lunch & Learn Round-Table Discussions \* Registration on-site required

#### Recognizing the Importance of Asset Identification and Management as a Means of Lowering Cost and Increasing Efficiency

**Eric Bradford**  
Director, AMS Manufacturing, Oil & Gas, Utilities Vertical



#### Leading Change in a Multi-Generational Manufacturing Environment

**Kim Huggins**  
Partner



#### Applying Digital Design Approach to Talent & Productivity Challenges on the Shop Floor

**Prasad Satyavolu**  
Global Head of Innovation & DIGITAL Leader — Manufacturing & Logistics



#### Maximize the Value of Additive Manufacturing: Delivering Strategic Improvements to Your End-to-End Supply Chain

**Chris Krampitz**  
Director, Innovation & Strategy



#### Best Practices in Making Mexico a Part of your Manufacturing Strategy

**Emilio Cadena**  
President & CEO





1:45-2:20

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## STRATEGY

### Adapting to the Millennial Generation: Workforce Concerns, Recruiting, and Retention Strategies

- Understanding the Millennial world view and the underlying factors that have shaped them and society's perception of them
- Leveraging your Lean Operating System to implement effective recruiting and retention strategies
- Effectively managing the loss of corporate knowledge being brought about by changing workforce compositions

**Lorinda Lewis**  
Senior Director, Continuous Improvement



2:20-2:55

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## PLENARY

### Restarting & Revitalizing Your Lean Initiative or Embracing the Revolutionary Shift of Lean Manufacturing

- Establishing a strategy to rapidly ENERGIZE a stalled or unsuccessful effort
- Developing a sustainable model to generate better results with bottom line accountability
- Engages leadership to focus on transformation aspects with a ownership based approach
- Driving successful change in culture, buy in, and metrics to get things right
- Implementing a just-in-time system that meets operational demand

**Eric Fulcher**  
VP, Operations



2:55-3:30

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## LIVE CASE PANEL

### Join our Team of Experts in Discussing and Troubleshooting Some of the Largest Problems Facing Manufacturers Today

- How can we integrate technology into a Lean/Kanban driven production system?
- How do we integrate a continuous improvement mindset throughout the company culture?
- What are some strategies we can use to sustain lean transformation activities in the long term?
- What can we do to better integrate optimization and continuous improvement into the operations and culture of the business?
- How can we work with key suppliers to build Lean throughout our entire supply chain?

**Mark Reich**  
Chief Operating Officer



**Robert Wood**  
VP, World Wide Manufacturing



**Michele Calbi**  
VP, Lean Transformation



**Mohamed Abuali**  
Chief Executive Officer



3:30-3:40

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## Chair's Concluding Remarks & Close Of Summit

**Robert Wood**  
VP, World Wide Manufacturing

