



Presents

GENERIS

AMERICAN MANUFACTURING SUMMIT 2017



March 28th & March 29th, 2017



The Westin Lombard Yorktown Center, Chicago, IL



manusummit.com

Tomorrow's Connection Today

Driving business performance through process and technological innovation



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PROGRAM

PROGRAM

DAY ONE: March 28th, 2017



7:00 am - 8:00 am

Breakfast

8:00 am - 8:10 am

Chair's Opening Remarks

Lean Chair

John Fleming
Former EVP, Manufacturing and Labor
Affairs



Optimization Chair

Allison Grealis
President



8:10 am - 8:50 am

KEYNOTE

2 Million unfilled jobs by 2025: How to combat the impact of the skills gap on company performance

- Becoming cache - how top companies are taking a grassroots approach to find and developing the right talent
- Expanding your talent net beyond the norm - getting to your workforce earlier
- Your training process as an opportunity to bring in out of industry, out of work staff
- Best practices in retaining your top talent: Survey on what today's top manufacturers would like to see more of in their organization

Cindi Marsiglio
VP, U.S. Manufacturing



8:55 am - 9:35 am

PLENARY

Driving Value Through Culture, Innovation and Results to Achieve the "Top 30/Top 5"

- Becoming the top 30 global automotive supplier in sales and top 5 in ROIC through the company DNA- Collaborate. Innovate. Accelerate.
- Optimize performance through world- class operations, using a customized set of global standardized best practices to achieve organizational goals
- Gain access to high- volume global platforms through developing the right configuration of manufacturing plants around the globe: What's your global footprint?
- Identify the megatrends that will impact the industry, build a winning culture and accelerate growth and innovation to prepare for the next ten years

Keith Stephenson
EVP and Chief Operating Officer



9:40 am - 11:20 am

Pre-Arranged One To One Networking & Refreshments

LEAN

CULTURE: the definitive piece in your CI Journey

- Pick the program that works — look outside your company to find CI initiatives that have worked in a similar environment
- The importance of why - explain the why over and over and over
- Everyone Everyday Getting Better and Better - keep the message simple
- Find your internal leaders to help drive a sustainable change process

Mark Gooch

Global VP Operations &
Lean Enterprise



OPTIMIZATION

Restarting & Revitalizing Your Lean Initiative

- Establishing a strategy to rapidly energize and accelerate stalled or unsuccessful areas in your initiative
- Developing a sustainable model to generate better results with bottom line accountability
- Engaging leadership to focus on transformational aspects with a ownership based approach
- Driving successful change in culture, buy in, and metrics to get things right

Michael Gentile
VP Operations



TECHNOLOGY

Manufacturing's Relationship to New Product Development Launches and Project Management

- Elements and Frame Work
 - Project Management
 - Product Integrity
 - Asset Management
- Project Management
 - Definitions
 - Agile and Stage Gate Processes
 - Organizational Alignment
- Re-use and Modular Product Architecture
 - Benefits and Speed to Market

Stanley Roberts

VP, Engineering Excellence



LEAN

Manufacturing: Entering an Era of Hyper-Innovation

- Equating R&D investment with manufacturing optimization
- New technologies and collaborative business models as a driver for operational excellence
- Rationalizing increased spend on innovation as a driver for bottom line growth
- Understanding the impact of 3-D printing collaboration and supply chains in decreased manufacturing costs and speed to market

Michele Sciuto

MOM Business
Development Manager



OPTIMIZATION

Connecting Humans, Machines and Products to Increase Agility

- Accelerate processes and manage the wide variety of products to speed production
- Creating an assembly line that doesn't need to perform technical or logical setup tasks
- Decentralized production planning is the key element: The connected production line
- Covering and connecting a wide range of products at a lower cost

Phil McIntyre

Senior Director, Business
Development



TECHNOLOGY

Winning Executive Approval for Sustainability & Energy Technology

- The case for a unified approach to energy strategy
- Getting to the "right" executive in your organization
- Creating key elements of a compelling business case
- Winning executive approval

Jay Zoellner

Managing Director, Global
Industrial Solutions



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

Utilizing the Three Insights of Enterprise Excellence to Achieve Company Results

Shaun Barker
Director, Operations & Assessments



Taking the Leap: How to Build your Organization into a Global Player

Brett Gopal
Senior Director, Strategic Initiatives, Global Operations



Encouraging teh Engagement: Support, Promote and Inspire Women in Manufacturing

Allison Grealis
President



Maintaining Perspective: Understanding and Overcoming Decision Making Bias

Ryan King
Director, Operational Excellence



Optimize Your Plant to Achieve Production Goals: 1 Million Domestically Manufactured Biles by 2020

Arnold Kamler
CEO



Transforming Manufacturing Roles in Product Design and Development

Stanley Roberts
VP, Engineering Excellence



Fosterint the Growth of National Manufacturing Through Novel Robotic Technologies

Jay Douglass
COO



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

Olga Alavanou
EVP, US OEM Business Unit for General Motors, Ford and Fiat Chrysler Automobiles



TCO: A Tool for Sourcing Decisions and For Selling Against Imports

Harry Moser
Founder & President



PLENARY

Focusing on the Future of Manufacturing: Industry 4.0 and the Evolution of Automated Production

- Value lies in "end-to-end optimization of the digital thread: make better use of Industry 4.0 and the digitization of the manufacturing landscape information not captured/ made available/ used today/
- Automation and process efficiency as a countermeasure to opportunities in decreased labor cost, generating the ability to do more with less
- How BMW is staying ahead of the curve through the installation of collaborative robots at the Spartanburg Plant to ensure maximum production quality
- 100 years of innovation and progress, the next "digitized" 100 years are coming and we will shape the future- together

Dirk Hilgenberg
VP, Assembly



2:35 pm - 3:10 pm

LEAN

Future-Proofing Manufacturing Through Non-Destructive Testing

- NDT 101: An overview and comparison of NDT disciplines, capabilities, limitations and applications
- Minimizing containment costs through proactive materials evaluation
- "Seeing things differently" to protect your company's tomorrow

Peter Miller
President



OPTIMIZATION

Business Bootcamp: How Successful Organizations Increase Engagement, Execution and Earnings

- Learn proven business strategies and why they are effective and sustainable
- Gain insight why metrics don't create employee engagement and accountability
- Discover how to increase weekly business results 17% from the board room to the floor
- Examine case studies about world class organizations and how achieved success

Shane Yount
Principal & Author



TECHNOLOGY

Get IIOT ROI in Less Than a Year: Challenges, Strategies & Results

- How to define you IoT requirements, kick-start IoT initiatives, and select the right partners
- Develop sustainable strategy, implementation plan, and skilled workforce
- Challenges around connecting Legacy Machines and getting more out of your existing Plant Management Systems (SCADA, MES, ERP)
- Unravel Hidden Capacities: Reduce waste, save energy and improve process capability through an IoT enabled kaizen journey

Gary Wilson
Advisor



3:15 pm - 4:35 pm

Pre-Arranged One-To-One Networking & Refreshments

4:40 pm - 5:15 pm

PLENARY

The Technology Freight Train Get on Board: Use Technology as a Force Multiplier for Operational Excellence and Value Creation

- Drive Operational Excellence through the optimization of people, process and technology
- Navigate your way to success with a winning approach to your manufacturing technology roadmap, integrating technology with your lean initiative
- An overview of key principles that will enable your company to achieve their operational goals
- Utilizing technology as a tool for effective execution of problem solving and improving the ability to achieve organizational targets

Bill Remy
Chairman & Chief Executive Officer



5:20 pm - 5:55 pm

PLENARY

Industry 4.0: Information and Operations, the Convergence of Two Worlds for Manufacturing Excellence

- Manage the exchange of information among several applications for quality optimization
- Enable the transformation of heterogeneous data into actionable insights through the principles of industry 4.0 and the IT/OT challenges
- Implement the right quality inspection system to achieve quality targets through continuous improvement processes and analytical reporting
- Realize the functional growth potential through reporting, scalability and system integration

Harry Chase
Head of Global Logistics Engineering



6:00 pm - 6:35 pm

CLOSING KEYNOTE

How Should the Recent Election Change Your Sourcing and Siting Strategy?

- Is your company ready for President Trump's push for reshoring ?
- The new industrial revolution won't be in India or China. It can be right here in America
- Why reshoring makes sense for America
- Reshoring: More effective than exporting- Stay competitive at home!

Harry Moser
Founder & President



6:35 pm - 6:40 pm

Chair's Closing Remarks

Lean Chair

John Fleming
Former EVP, Manufacturing and Labor
Affairs



Optimization Chair

Allison Grealis
President



6:45 pm - 7:45 pm

Networking & Drinks Reception

PROGRAM

DAY TWO: March 29th, 2017



7:00 am - 8:00 am

Networking & Breakfast

Facilitating Enhanced Productivity with Technology:
Navigating the Roadblocks and Pitfalls That
Can Hinder the Implementation of Industry 4.0
Technologies Within Your Organization

James Ryan
Director



Challenge Conventional Packaging to a More
Sustainable Supply Chain

Serafin Sanchez &
Mark Maxwell
Director



Knowing the Economic Incentives and Facilities to
be a Successful Organization: Expanding on Your
Current Facility and Knowing Where to Start!

Ford Graham
Of Counsel



Olivia Byrne
Partner



8:05 am - 8:15 am

Chair's Opening Remarks & Review Of Day One

Lean Chair

Robert Wood
Vice President of World Wide
Manufacturing



Optimization Chair

Allison Grealis
President



8:15 am - 8:55 am

KEYNOTE

Lean from the ground up: developing a lean manufacturing culture across multinational facilities

- Understanding lean operations and how to build a manufacturing system based on lean principles
- Developing a holistic focus on quality and efficiency to enhance development cycles and speed to market
- Developing a lean system that is flexible and adaptable to constant change for product end markets
- Discovering technologies in automation and assembly to reduce cost

Nils Helander
SVP of Manufacturing and Managing Director



9:00 am - 9:40 am

PLENARY

Manufacturing at Perfect Cost: Value based analysis of manufacturing performance, operational value and capacity

- Planning on how to fulfill demand while planning how to optimize profitability
- Maximizing the role of capacity versus long lead investments in new facilities, when to make the move
- Accurate performance of plants: taking a value based view that combines both operational and financial metrics
- Supply chain and manufacturing integration: opportunities for supply chain to serve as a driver for cost optimized manufacturing

Phil Poel
VP, Manufacturing Excellence and PS&C



9:45 am - 10:20 am

OPTIMIZATION

Achieving Operational Excellence Through Developing Talent, Teams and Culture Throughout the Entire Organization

- Strive for top results across the entire organization through an operational excellence approach that has the momentum to endure leadership transformations
- Identify the key elements required to ensure operational excellence to avoid the “Island of excellence within a sea of mediocrity” outcome
- Make the change: Create a leadership climate of humility and respect to increase capabilities and engagement across the organization
- Embrace a TPM based manufacturing operating system to drive top productivity
- The journey to autonomous work teams: Is your enterprise aligned for success?

Jim Fitzgerald

Former, America's Manufacturing Director



OPTIMIZATION

Drive Productivity Through Managing the Efficiency of Your Manufacturing Process

- Reduce your company's operating cost with complete visibility
- If you can measure it you can manage it: Identify constraints to increase your overall profitability
- Stay ahead of the competition with the Automated Approach: Know the advantage of an innovation investment
- Identify your improvement opportunities to create the factory of the future

David McPhail
CEO & President



10:25 am - 11:05 am

Networking & Refreshments

11:10 am - 11:45 am

LEAN

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

Terry McNew
President / CEO



OPTIMIZATION

Building a Framework for Excellence: Achieving Your Company's Goal by Reinventing Your Facility

- From Consolidation to Success: The Kent Story Case Study
- Innovate your production line for the future, taking a closer look at re-shoring and automation
- Implementing the best metrics to measure success along every step of the assembly line
- Taking an in depth look at strategies for continuous improvement processes that can lead your team through industry 4.0

Arnold Kamler
CEO



TECHNOLOGY

Technology as an Aid to Labor Shortages

- Battling the skills gap with a lean 4.0 process
- Sustaining operations with an investment in automation
- Staying competitive through establishing the right technology

David Klante
Vice President Engineering



LEAN

Generate Value From Plant Floor Data With AI and the Digital Twin

- Manufacturer's data variety problem
- The role of AI and digital twins in making plant floor data useful
- Real-world use cases with measurable ROI
- Best practices from digital manufacturing leaders

Jon Sobel
CEO & Co-Founder



OPTIMIZATION

State of the Art Implementations of IIoT and Industry4.0 in Factories Today, and the ROI: Real time Process Control, Guided Vehicles and Global Supply Chain Visibility

- Compelling Examples, with ROI (Return on Investment)
- Video Case Studies of Deployments in Ten Factories
- Framework and Methodology for Applying the "building blocks" of IIoT and Industry4.0 for Proven ROI
- The Leverage of Using Equipment API's and Cloud Technology for Fast Deployment 4.0

Gelston Howell
Sr. Vice President



Srivats Ramaswami
CTO



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

Common Problems and Proven Solutions for Enterprise Software System Transformation Projects

Richard Sides
Partner, Operations



The Holy Grail of Quality: 360-degree visibility, measurable, real-time performance and the ability to go beyond compliance with EQMS

Michael Rapaport
President & CEO



The New Era of B2B Growth: Moving to Analytics-Based Sales

Tom Nolan
Partner



Is Big Data the End of Simplicity? How Technology is Changing Supply Chain and Logistics More Than Ever

Harry Chase
Head of Global Logistics Engineering



Global Manufacturing Footprint Strategy & Site Selection for New Production Plants and Distribution Centers

René Buck
CEO



How Are you Using Technologies to Better Connect Customers to Your Supply Chain to Create Superior Value?

Bill Remy
President & CEO



62 Plants, 20K Things Across 9 Industries, Doing IoT the Right Way!

Bill Foster
Technology Sales Manager & IoT Evangelist



Amol Mate
VP, IBU



1:35 pm - 2:10 pm

LEAN

Operational Excellence Sustainability - A Presentation from the Shingo Institute

- A brief overview of the Shingo Institute, home of the Shingo Prize
- Insights into building sustainable cultures of excellence
- An overview of the Shingo Model™
- Three Insights of Enterprise Excellence
- Exposing gaps in behavior and performance
- Participants will look at their own organization through a different set of lenses

Shaun Barker
Assistant Executive Director



TECHNOLOGY

Fostering the Growth of National Manufacturing Through Innovation

- The Advanced Robotics Manufacturing story
- Demonstrate and facilitate an early adoption to of novel robotic solutions
- Create and sustain new jobs through empowering American workers to compete with low- wage workers abroad
- Drive success by lowering technical, operational and economic barriers for small, midsize and large companies to adopt robotic technologies

Jay Douglass
COO



2:15 pm - 2:50 pm

PLENARY

Turning Passion into Profit: The Transformation Journey that Can Save Your Business

- Establishing a vision of change that drives innovation and allows breakthrough performance
- Creating a culture of operational excellence that generates cost savings and boosts productivity
- How diversification can unleash the potential of your business

Ryan King
Director, Operational Excellence



2:55 pm - 3:30 pm

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

Darrell Edwards
SVP and Chief Operating Officer of Supply Chain



3:35 pm - 4:10 pm

LIVE CASE PANEL

The Future of Manufacturing: Highly Automated and Information-Intensive

- How can we integrate technology into automated factory of the future (Industry 4.0, IIoT, China 2025)
- How do we integrate a continuous improvement mindset throughout the company culture?
- What are some strategies we can use to sustain transformation activities in factories of the future?
- How can we work with key suppliers to build an automated system throughout entire supply chain?

Dr. Irene Petrick
Director of Business Strategy



Jay Douglass
COO



Harry Moser
Founder & President



4:10 pm - 4:20 pm

Chair's Concluding Remarks & Close Of Summit

Robert Wood
Vice President of World Wide Manufacturing

