



NORTH AMERICAN
MANUFACTURING
EXCELLENCE SUMMIT
NAMES18
April 10-11, 2018 | Chicago, IL

April 10-11, 2018 | The Westin Chicago Northshore | Chicago, IL | manufacturing-event.com

AGENDA

APRIL 9, 2018

6:00 - 7:00 pm



Proud Sponsor
of the

Drinks Reception



APRIL 10, 2018

7:15 - 8:15 am

Registration and Breakfast

Sponsored By:



8:15 - 8:30 am

Chair's Welcome Address



Peter Evans
LCI Director
LEGO

8:30 - 9:05 am

The Future is Here: Transforming Our Manufacturing Processes with New and Evolving Technological Advances

- Improving productivity and costs with Big Data analytics, predictive maintenance, autonomous vehicle technology, and zero downtime technology
- Building flexibility and improved quality into our processes with 3D printing for rapid prototyping and service parts production, machine vision inspection, and collaborative robotics that work with people on an array of jobs large and small
- Revolutionizing workplace safety with drones, interactive robots, exo-skeleton technology, robo-glove tools, and other advances to assist workers with laborious tasks and distance them from dangerous tasks
- How are advances in smart wearables and virtual operator training changing the way our people work and learn on the job?
- Illustrating every one of these new technologies in action based on real-world examples happening in General Motors plants today



Daniel Grieshaber
Director, Global Manufacturing
Engineering Integration
General Motors Company
General Motors

Creating Sustained Business Value – Leveraging Technology Breakthroughs to Create the Future of Manufacturing

- Focusing on the specific outcomes that will provide a business competitive advantage – Service, Margin and Cash
- Operating with excellence is the foundation for synchronizing the E2E supply chain and securing the next S-curve of performance
- Integrating what is relevant and affordable from automation and digitization together with a new generation of people capability



Richard McLeod
VP Global Manufacturing
Procter & Gamble

ROOM 1 CHAIR



Peter Evans
LCI Director
LEGO

ROOM 2 CHAIR



Tana Utley
VP, Large
Power Systems
Division
Caterpillar Inc.

ROOM 3 CHAIR



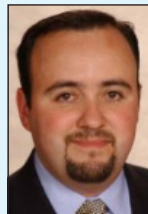
Ryan Morris
Executive
Chairman
Software Motor
Corporation

9:45 - 10:20 am

BREAKOUT ROOM 1 STRATEGIC MANUFACTURING

Process Automation and Robotics for a Connected Customer Experience

- The Evolution of operator autonomy and responsibilities through the implementation of 4.0
- Employing robotics and artificial intelligence to guarantee safety, quality, and efficiency
- The use of 4.0 and automation to accelerate the mass customization of our products
- Labor 4.0 – attracting and developing the talent required to be successful in the future of manufacturing



Carlos Ruiz Rabago
VP of Operations,
Head of North American Manufacturing
L'Oreal USA

9:45 - 10:20 am

BREAKOUT ROOM 2 LEAN & OPEX

Pursuit of Manufacturing Excellence in a Continuously Changing World

- Engaging upstream in development and enabling differentiation to capture and retain value
- Relentless pursuit of quality to deliver predictable product to the customers and strengthen brand value
- Focus on smart manufacturing, benchmarking, and waste reduction in pursuit of cost improvement
- Driving uninterrupted supply through supply chain management and cycle time reduction
- Enabling responsible manufacturing through sustainability and business continuity



Rebecca Morlando
Director Manufacturing,
Supply Chain and LSS
3M

9:45 - 10:20 am

**BREAKOUT
ROOM 3**
INNOVATIONS &
NEW TECHNOLOGY

Smart Factories Driven by Automation and Connected Technologies

- How has increased focus on systems digitization and alignment led to lower defect rates and improved outputs?
- Using new technologies, processes, and systems to drive advancements in capabilities and increases in capacity
- Removing process constraints to deliver value, more efficient workflow management, and long-term continuous improvement



Thomas Carrubba
VP, F-35 Production Operations
**Lockheed Martin Aeronautics
Company**

10:20 - 11:35 am

Pre-Arranged One-to-One Meetings

- 10:25 am – 10:45 am: Meeting Slot 1 / Networking
10:50 am – 11:10 am: Meeting Slot 2 / Networking
11:15 am – 11:35 am: Meeting Slot 3 / Networking

11:40 am - 12:15 pm

**WORKSHOP
BREAKOUT
ROOM 1**

Business Bootcamp – Driving Greater Execution, Engagement, and Ultimately Earnings!

Are you ready to accurately assess your teams, your leaders, and your performance? For 25 years, Competitive Solutions, Inc. has been taking organizations through Business Bootcamp with some pretty dramatic results. Learn how to:

- Drive Business Acumen at a tactical level
- Move accountability from a concept to a practice and elevate expectations of engagement
- Eliminate hours of meetings a week by recalibrating intent
- Moving from abstract OPEX tools to business critical necessities
- What are the eight essential elements of 21st century leaders?



Shane Yount
Principal / Author
Competitive Solutions, Inc

11:40 am - 12:15 pm

**WORKSHOP
BREAKOUT
ROOM 2**

Gaining the Competitive Edge with Digital Manufacturing

- Discover how the digital transformation empowers plants to improve production, eliminates waste, and gain competitiveness
- See concrete use cases for digital manufacturing technology and ROI examples
- Learn why so many Industrial IoT (IIoT) projects fail, and how to combat them



Willem Sundblad
CEO & Co-founder
Oden Technologies

11:40 am - 12:15 pm

**WORKSHOP
BREAKOUT
ROOM 3**

Digital Manufacturing: Getting Past Evangelism and on to Execution

From the plant floor to the board room everyone is familiar with the possibilities of digital manufacturing. Many companies have started pilots and some have moved on to larger scale projects. However, a recent Cisco survey states that 75% of IoT projects fail. Why? What are the best practices of the successful 25%? In this session, we will share:

- How to avoid pilot purgatory and reach enterprise scale
- How to assess organizational capabilities and readiness
- What technology infrastructure is necessary to start
- Case studies of success and failure



Jon Sobel
CEO
Sight Machine

Augmented Reality on the Shop Floor

- How are new tools like augmented reality changing and improving the way we operate?
- What challenges have limited the scope of this sort of technology until recently, and what has changed?
- Working with industry partners and collaborators to develop in-house expertise to get the most out of these new capabilities
- Walking through real-world examples where augmented reality is the difference-maker driving improved performance in our operations
- Demonstrating the scalability of augmented reality on the shop floor: What can other organizations learn from our experience?



Derrick Register
VP, Supply Chain
Coca-Cola Refreshments

LUNCH-AND-LEARN ROUNDTABLE DISCUSSIONS

Themed lunches are delegate-led roundtable discussions on specific industry issues and challenges during Day One's lunch hour. Each roundtable will be led by an expert in the field. Limited seating is available, so please sign up for your preferred topic on site. Choose from:

How to Win Over Partners and Influence Priorities



Optimizing and Streamlining the Data Collection that Powers Smart Factories



Ernest Anderson
General Manager
Mercury Marine

Improving Production Reliability with Predictive Maintenance Analytics



Daniel James
NA Manager Ford
Production System
Ford Motor Company

From Safe and Clean to Six Sigma and Lean. How Initiatives Build Upon Each Other for Sustained Success



Jeff Johnson
Director of
Process
Improvement
USG

Benefits of Manufacturing Improvements to the Bottom Line



Michael Hennessy
Senior Director,
Global Process
Technology
Momentive
Performance
Materials

Breaking Down Communication Barriers In Your Operation



Winning Supply Chain Organizational Strategies



Marian Futrell
Director Capability and
Learning Global ISC
Mondelez International

How Does Cultural Accountability Impact Your Organization Over the Long Term?



Roshan Rajappa
VP Sourcing
& Quality
Sonos

Effectively Standardizing Business Management Systems



Shawn Mack
Senior Director,
Continuous
Improvement
TreeHouse Foods

Developing Organizational Operating
Systems from the Ground Up

AIRBUS



Michael Cortez
Senior Director
of Continuous
Improvement
**Airbus Americas,
Inc.**

Achieving Consistent Speed,
Quality, and Safety KPIs with
Low-Cost Collaborative Robots

Master Lock®



Jiju Johnson
Director,
Continuous
Improvement
**The Master Lock
Company**

Realizing the Digital Enterprise
Now! How and Where to Start

SIEMENS

Ingenuity for life

Moore's Law Applied
to Electric Motors to Reduce
Energy Usage by 50%



General Lunches Sponsored By:



1:55 - 2:30 pm

Transforming and Leading with a Full Lean Mindset

- What do we mean when we talk about the Full Lean Mindset, and how should leaders apply this to making a positive impact?
- Understanding the size and scope of your operations and how to rationalize the moving pieces it for optimal results
- Discussing change management principles to overcome institutional inertia and win support throughout your organization
- How do you maintain momentum and build upon successes once you start making an impact?



Earl Jewett
VP of Manufacturing
Klein Tools

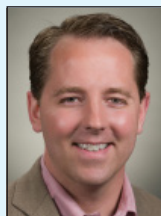
2:35 pm - 3:10 pm

An Executive Discussion on the Evolution of Exceptional Manufacturing Performance

- Understanding the journey towards a system-based performance management methodology
- Discerning between popular trends and the real tools that will define the next jump in manufacturing productivity
- Thinking differently about breakthrough improvement with zero-loss thinking
- Cascading the business strategy into financial & operational results

**WORKSHOP
BREAKOUT
ROOM 1**

Performance Solutions
by *Milliken*



Jordan Workman
Director of Client Development
for North America & Europe
Performance Solutions by Milliken

2:35 pm - 3:10 pm

**WORKSHOP
BREAKOUT
ROOM 2**

Realizing New Areas of Cost Savings by Leveraging Asset Management Solutions

Asset Performance Management or APM has been around for about 10 years and is widely adopted in many continuous process industries such as Power, Oil and Gas, and Chemicals. These are companies that are asset intensive. At the same time, manufacturing organizations and companies that make large physical assets are looking for ways to save money in areas that have not been exploited in the past. In this session, we will share information on how APM is being applied within manufacturing industries in the areas of plant operations as well as in after sale services and warranty support for customers. This includes how APM can be applied in both heavy industrial OEM equipment manufacturers as well as hybrid process manufacturing such as Food and Beverage/ CPG.



GE Digital



Steve Garbrecht
Director of Product Marketing
GE Digital

2:35 pm - 3:10 pm

**WORKSHOP
BREAKOUT
ROOM 3**

Redefining Manufacturing with AI, Machine Learning and other Digital Technologies to Improve Quality, Asset Utilization and Flexibility

- AI, Machine Learning and other Digital Technologies are fundamentally changing how products are manufactured, consumed and serviced. Manufacturers can leverage IoT technologies, predictive analytics and artificial intelligence to achieve greater efficiencies, build flexible operations and deliver superior products and services
- In this presentation, you'll learn:
 - Key trends, challenges and opportunities in the manufacturing industry
 - How Hitachi addresses digital transformation using Machine Learning and Advanced Analytics
 - Top use cases from global manufacturers who are seeing strong outcomes and high return on investment with IoT

HITACHI
Inspire the Next



Sachin Andhare
Director of
Industrial IoT
Marketing
Hitachi Vantara



Greg Kinsey
VP, Industrial
IoT Solutions
Hitachi Vantara

3:15 - 4:25 pm

Pre-Arranged One-to-One Meetings

3:15 pm – 3:35 pm: Meeting Slot 4 / Networking

3:40 pm – 4:00 pm: Meeting Slot 5 / Networking

4:05 pm – 4:25 pm: Meeting Slot 6 / Networking

4:30 - 5:10 pm

Panel: Generating High Productivity Through Training and Total Workforce Engagement

- What does investing in your people look like on a day-to-day ongoing basis?
- How does the workforce contribute to steady cumulative improvements as the engine of long-term culture change and improved productivity?
- Discussing motivational tools that solicit grassroots contributions: Competition, recognition, entertainment, and a sense of accomplishment
- Offering examples where training, mentorship, job shadowing, and cycling through different job functions improves retention, job satisfaction, and contributes to improved performance
- How far can a culture of continuous improvement and total workforce engagement permeate an organization?



Elie Ghazal
VP, North America
JIT Operations
Lear Corporation



Michael Brice
VP Operations
INX International
Ink Co.



Ingredion™



Patrick Johnson
Director,
Continuous
Improvement NA
Ingredion

5:10 - 5:45 pm

The Past, Present, and Future of Lean Culture in Manufacturing

- What do we mean when we talk about Lean Culture, and how has that changed over time?
- If we could start over from scratch, what would we want Lean Culture to look like?
- How do we move forward as leaders in our industry to harmonize the ideal with reality?
- Discussing the tools, tactics and techniques we need to make part of this conversation
- Setting a challenging goal: What can we do next week to move forward with what we have discussed today?



STARBUCKS



Liesbeth Geels
VP Manufacturing
Starbucks

5:45 - 5:55 pm

Chair's Closing Remarks



Peter Evans
LCI Director
LEGO

6:00 - 7:00 pm



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Drinks Reception



APRIL 11, 2018

7:15 - 8:20 am

Registration and Breakfast

7:40 - 8:15 am

End-to-End Demand-Pull Production Response Enabled by AI and Lean

- Use AI (Predictive Analytics) to produce to end-customer demand in complex supply networks
- Leverage Lean Pull to synchronize multi-tier scheduling from POS through plant production
- Develop deep process insight through predictive modeling and analytics
- Improve agility and responsiveness at lowest cost; especially important for digital commerce



Alfred Sherk
Founder & CEO
SherTrack, LLC

**BREAKFAST
BRIEFING
BREAKOUT
ROOM 2**

7:40 - 8:15 am

Push Button Manufacturing: The Future of Making Things

- The nature of work is changing
- How can we remove the constraints on design that traditional manufacturing processes impose?
- What are the major catalysts for disruption that we are seeing?
- There is a convergence of new technologies in manufacturing and our goal is to make these available to everyone
- Our prediction: "As designed" will become "as built" with the push of a button



Greg Fallon
VP of Generative Design
and Manufacturing Products
Autodesk

**BREAKFAST
BRIEFING
BREAKOUT
ROOM 3**

8:20 - 8:35 am

Chair's Welcome Address



Peter Evans
LCI Director
LEGO

8:35 - 9:10 am

Reinventing a Company with a Century of Experience into a Start-Up: Meeting Today's Business Challenges

- Business transformation starts with cultural transformation
- Establishing a purpose that defines why you matter to your customers and guides everything you do
- Creating shared values and guiding principles that balance serving the customer with business needs
- Integrating an "Owner is Boss" mindset into metrics, processes, systems and team members so you can make faster decisions and win in the market



GE APPLIANCES
a Haier company



Melanie Cook
Chief Operating Officer
GE Appliances, a Haier Company

9:10 - 9:45 am

Guiding a Large Manufacturing Organization through Turbulent Times

- Turbulent times and increasing complexity can impact large manufacturing organizations
- Continuous improvement is a never-ending journey
- Focus on the fundamentals and develop the culture while adjusting to new realities
- Set clear goals with two-way communication
- Engage and enable employees—they are key to meeting new challenges



Tim Frosell
VP Global Manufacturing
Goodyear Tire & Rubber Co.

9:50 - 10:25 am

BREAKOUT ROOM 1 STRATEGIC MANUFACTURING

Cultural Transformation and Leadership to Drive Continuous Improvement

- Sharing the story of Johnson Controls' Optima Plant's four-year journey to:
 - Improve its first-pass yield rate for all finished products by more than 66%
 - Further increased its on-time delivery rate to customers
 - Go more than three years without a recordable accident
 - Become a 2016 IndustryWeek Best Plants Winner
- Discussing how leadership and teamwork work together to build a culture of operational excellence
- What can other manufacturers learn from our experience?



Craig Williams
VP Quality
Johnson Controls



Ricardo Estok
ME Transformation
Johnson Controls



9:50 - 10:25 am

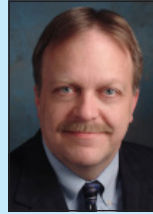
**BREAKOUT
ROOM 2**
INNOVATIONS &
NEW TECHNOLOGY

**Our Experience Leveraging Data from Connected Assets to Expose and Improve
Overall Equipment Efficiency**

- Seeking to improve OEE by understanding what we have, what it can do, and what it is trying to tell us
- Connecting assets and gathering data from both legacy and new equipment on the factory floor to see the whole picture
- Extending data analytics to high frequency applications to discover difficult problems in machine uptime and part quality
- Solving the gap in standards for effective data interchange



BOSCH



Scott Hibbard
VP of Technology
– Bosch Rexroth
Robert Bosch LLC

10:25 - 11:15 am

Pre-Arranged One-to-One Meetings

10:30 am – 10:50 am: Meeting Slot 7 / Networking

10:55 am – 11:15 pm: Meeting Slot 8 / Networking

10:25 - 11:00 am

Industry Focus Groups

These roundtable discussions will run during the morning of Day Two's pre-arranged one-to-one meetings. Each group will be hosted by a moderator who will guide the conversation through issues, challenges, and opportunities drawn from delegate profiles relevant to specific industry sectors.

INDUSTRIAL FOCUS GROUP

Asset Specs Optimization and Lifecycle Management

Snap-on



Mike Gentile
VP Operations
Snap-On Tools

FOOD AND BEVERAGE FOCUS GROUP

**Building a Lean Six Sigma Culture and Mindset
at the Top Leadership Level**



Justin Kobler
VP Manufacturing
Land O'Frost

WOMEN IN MANUFACTURING FOCUS GROUP

**Successful Strategies to Attract, Develop, Support, and
Retain Top Talent Among Female Manufacturing Executives**

Honeywell



Linnea Whisler
VP Honeywell Operating System
Honeywell

AEROSPACE FOCUS GROUP

Variation Risk Management and Process Control



Victor Mroczkowski
*Director, Manufacturing & Quality
Propulsion South Carolina – 737MAX*
The Boeing Company

Building the Manufacturing Capabilities for the Future to Enable Healthcare Transformation

- Recognizing and acknowledging the major healthcare trends and disruptors
- How does embracing these trends impact manufacturing capabilities and the end-to-end Supply chain organization?
- How are we developing a bold and holistic manufacturing transformation strategy, framework and deployment approach to address these implications and meet future customer and market expectations?
- Offering insights into how to connect and seamlessly integrate the Technology Innovation Process (Mode 2) with the “Operational World” (Mode 1) for broad adoption and deployment across business segments
- Sharing of critical success factors for implementation of this manufacturing and technology transformation to drive sustainable business and customer impact:
 - Emphasizing the importance of upfront exploration and industrial research
 - Building initial capability and accelerating organizational learning through an agile “test and learn” philosophy
 - Establishing broad business engagement early on in the journey and building & leveraging core strategic external partnerships
- Understanding the criticality for having a robust Standard Operating System to deploy and scale new capabilities, processes, systems and technologies in a consistent and sustainable way

Johnson & Johnson



Bart Talloen
VP Product Supply
Johnson & Johnson

12:00 - 12:35 pm

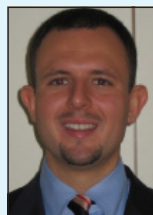
WORKSHOP BREAKOUT ROOM 1

Digital Enterprise – Implement Now

The technical prerequisites for Industry 4.0 are available. Digitalization is actively gaining competitive advantages. Now is the time to implement. Experience the Digital Transformation now taking place across various industries.

- Siemens case study of time, cost, quality results achieved from their own digitalization journey
- Learn the advantages of industries working together utilizing intelligent, predictive models (Digital Twins)
- Illustrative examples presented to explain how virtual and real are being connected across the entire value chain

SIEMENS
Ingenuity for life



Davide Picciotto
Digital Enterprise
Thought Leader
Siemens PLM Software Inc.

12:00 - 12:35 pm

WORKSHOP BREAKOUT ROOM 2

Accelerating Your Manufacturing Business with the Power of IoT

- Highlighting key IoT customer adoption trends, challenges and expected ROI
- Identifying key challenges and complexity in global IoT engagements and critical success factors in planning and implementation
- Showcasing how key IoT solutions establish new business models, enhance customer experience and maximize operational efficiencies
- Exploring specific customer case studies to demonstrate how IoT transforms business within the manufacturing sector


vodafone



Ludovico Fassati
Head of IoT
Vodafone IoT Americas

12:00 - 12:35 pm

WORKSHOP BREAKOUT ROOM 3

Manufacturing Outlook 2025; Futureproofing Manufacturing Starting Now

- Offering lessons learned so far as companies connect their manufacturing and supply chain systems through Industry 4.0 networks
- Comparing the journeys of organizations who are integrating these emerging tools and technologies into existing processes versus those who are using this new technology to disrupt old practices and enable new business models
- Putting Industry 4.0 initiatives in the larger context of impact and value proposition to business
- Walking through a deployment and maturity model
- Discussing the role of a leader in managing the change

ORACLE®



Albert Chiang
Director Product Marketing,
Emerging and Digital Technologies
Oracle

12:35 - 1:35 pm

LUNCH-AND-LEARN ROUNDTABLE DISCUSSIONS

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**Don't Just Build a Smart Factory,
Build a Smart Enterprise**



**SIGHT
MACHINE**
Powering Digital Manufacturing

**Managing for Daily Improvements
on the Shop Floor Through
Kaizen Excellence**



Patrick Steele
EVP Operations
Aquion Inc.

**Incorporating Lean Automation into
an Existing Continuous Improvement
Culture on the Shop Floor**

Apergy



Shankar Annamalai
VP Operations
Apergy Energy

**Continuous Improvement
for Supply Chain**



Jeff Thompson
VP, Continuous
Improvement
US Foods

**Broadening a Lean and
Six Sigma Program to a
More Robust OPEX Program**



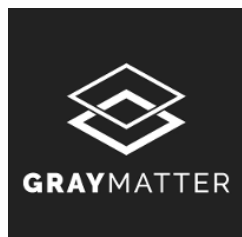
Jeffrey Summers
Global Enterprise
Lean Six Sigma
Manager
Littelfuse

**Will Industry 4.0 Require
a Complete Overhaul of
My Systems or Can I Keep Some
of My Legacy Equipment?**



AN INTEL COMPANY

**Building Your Brilliant Factory:
Digital Transformations
on the Shop Floor**



**What's Standing in the Way
of Your Digital Transformation?**



General Lunches Sponsored By:



1:35 - 2:10 pm

Building a CI Culture in LEGO

- Business Services Organization – A new adventure
- Joining the LEGO Family – onboarding and developing
- Building our BSO Management System – Cascaded Strategy & Accountability
- Continuously Improving – The LEGO way...



Peter Evans
LCI Director
LEGO

2:10 - 2:50 pm

Panel: Integrating the Next Generation of Robotics with Our Workforce on the Plant Floor

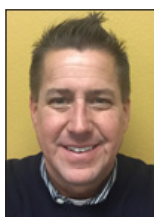
- How are the next generation of robotics and automation tools changing the way our facilities and processes function?
- Discussing some of the obstacles and challenges involved in bringing new tools, tactics, and technologies into existing operations
- Talking about the people and processes who make these new capabilities work from the top down and the bottom up
- Comparing examples of successful rollout of new automation tools: What do these examples have in common?



Tana Utley
*VP, Large Power
Systems Division*
Caterpillar Inc.



Mike Dundas
*SVP of Global
Operations,
Manufacturing
Operations and
Technology*
Dell Technologies



Paul Walker
*Director of
Manufacturing
& Tooling*
Otterbox Products

2:50 - 3:00 pm

Chair's Closing Address



Peter Evans
LCI Director
LEGO