AGENDA

APRIL 9, 2018

6:00 - 7:00 pm

Performance Solutions

Proud Sponsor of the

Drinks Reception

APRIL 10, 2018

7:15 - 8:15 am

Registration and Breakfast

Sponsored By: WorkLight

from RhinoDox

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

LEG0

Peter Evans
LCI Director
LEGO

ROOM 2 CHAIR

CATERPILLAR

Tana Utley
VP, Large Power Systems Division Caterpillar Inc.

ROOM 3 CHAIR

SMC
SOFTWARE MOTOR CORPORATION

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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Meeting Slot</th>
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<tr>
<td>10:25 am – 10:45 am</td>
<td>Meeting Slot 1</td>
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<tr>
<td>10:50 am – 11:10 am</td>
<td>Meeting Slot 2</td>
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<td>11:15 am – 11:35 am</td>
<td>Meeting Slot 3</td>
<td>Networking</td>
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11:40 - 12:15 pm

**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

**Workshop Breakout Room 1**

**Workshop Breakout Room 2**

11:40 am - 12:15 pm

**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

**Workshop Breakout Room 3**

11:40 am - 12:15 pm

**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
12:20 - 12:55 pm  **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**
  - **Ernest Anderson**
  - General Manager
  - Mercury Marine

- **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

- **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

- **Breaking Down Communication Barriers In Your Operation**

- **Effectively Standardizing Business Management Systems**
  - **Derrick Register**
  - VP, Supply Chain
  - Coca-Cola Refreshments

**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?
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 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

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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

**Jordan Workman**  
Director of Client Development  
for North America & Europe  
Performance Solutions by Milliken
### 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 is 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.

**Michael Brice**  
VP Operations  
INX International Ink Co.

**Patrick Johnson**  
Director, Continuous Improvement NA  
Ingredion

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### 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

**Sachin Andhare**  
Director of Industrial IoT Marketing  
Hitachi Vantara

**Greg Kinsey**  
VP, Industrial IoT Solutions  
Hitachi Vantara

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### Pre-Arranged One-to-One Meetings

- **Meeting Slot 4 / Networking**: 3:15 pm – 3:35 pm
- **Meeting Slot 5 / Networking**: 3:40 pm – 4:00 pm
- **Meeting Slot 6 / Networking**: 4:05 pm – 4:25 pm

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### 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.

**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?

Liesbeth Geels  
VP Manufacturing  
Starbucks

5:45 - 5:55 pm  Chair’s Closing Remarks

Peter Evans  
LCI Director  
LEGO

6:00 - 7:00 pm  Proud Sponsor of the

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

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
8:20 - 8:35 am  
**Chair's Welcome Address**

![LEGO Logo]

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 Logo]

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

![Goodyear Logo]

Tim Frosell  
VP Global Manufacturing  
Goodyear Tire & Rubber Co.

9:50 - 10:25 am  
**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?

![Johnson Controls Logo]

Craig Williams  
VP Quality  
Johnson Controls

Ricardo Estok  
ME Transformation  
Johnson Controls

**BREAKOUT**
**ROOM 1**
**STRATEGIC MANUFACTURING**

![Endowed by IndustryWeek]
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

Land O’Frost

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

Boeing

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

Bart Talloen
VP Product Supply
Johnson & Johnson

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

Davide Picciotto
Digital Enterprise Thought Leader
Siemens PLM Software Inc.

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

Ludovico Fassati
Head of IoT
Vodafone IoT Americas

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

Albert Chiang
Director Product Marketing, Emerging and Digital Technologies
Oracle
12:35 - 1:35 pm  
LUNCH-AND-LEARN ROUNDTABLE DISCUSSIONS

Themed lunches are delegate-led roundtable discussions on specific industry issues and challenges during Day Two’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:

- **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**
  - **AQUION**
  - **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**
  - **US Foods**
  - **Jeff Thompson**
  - **VP, Continuous Improvement**
  - **US Foods**

- **Broadening a Lean and Six Sigma Program to a More Robust OPEX Program**
  - **Littelfuse**
  - **Jeffrey Summers**
  - **Global Enterprise Lean Six Sigma Manager**
  - **Littelfuse**

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

- **What’s Standing in the Way of Your Digital Transformation?**
  - **Poká**
  - **ATS**
  - **Advanced Technology Services, Inc.**

- **Will Industry 4.0 Require a Complete Overhaul of My Systems or Can I Keep Some of My Legacy Equipment?**
  - **WIND**
  - **AN INTEL COMPANY**

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