

April 11-12, 2017 | The Westin Chicago Northshore | Chicago, IL | manufacturing-event.com

# **AGENDA**

**APRIL 10, 2017** 

6:00 - 7:00 pm



**APRIL 11, 2017** 

7:15 - 8:15 am

**Registration and Breakfast** 

8:15 - 8:30 am

**Chair's Welcome Address** 





Alistair Hirst SVP Global Supply Chain Kellogg Company

8:30 - 9:05 am

# The Role SC Plays in Value Creation for Consumers and Customers in a Rapidly Changing Customer and Competitive Environment, Becoming a Competitive Advantage to Their Business

- Demonstrating how supply chain can transform itself to reach new consumers and support the delivery of brand promises
- Discussing how to step change SC agility and value creation through digitization
- Showcase how we can become a tech company that sells branded consumer goods





Reginaldo Ecclissato EVP SC North America and LatAm: Chairman UASSC AG Unilever

9:05 - 9:40 am

### Why Do Lean Programs Fail, and What Can We Do About It?

- Seeking the root causes behind why Operational Excellence programs often fail to meet their objectives
- Proving that lean thinking only works if it starts from the top while building from the bottom
- Demonstrating that progress is made through evolution, not revolution
- Incorporating these truths into project planning and workforce development thinking

Kelloggis



Alistair Hirst SVP Global Supply Chain Kellogg Company 9:45 - 10:20 am

# BREAKOUT ROOM 1 STRATEGIC

# Leveraging the Airbus Operating System to Create a High Performance Culture in the New Final Assembly Line USA

- Giving an overview of the journey to establishing a Final Assembly Line (FAL) Facility in the US
- Deploying the Airbus system into a greenfield site
- Creating a safe, positive and productive organization
- Implementing a visual performance system to ensure we embed the culture from Day 1 to secure the ramp up





Daryl Taylor
Vice President
and General Manager
- Final Assembly Line,
USA
Airbus Americas

9:45 - 10:20 am

#### Sharing What Works Across Worldwide Operations Through Standardizing Global Operating Systems

- Creating and implementing a scientifically rigorous model to control both short- and long-term planning and execution of work
- Highlighting the role of people as the catalysts and drivers of change within an organization
- Standardizing business practices across global operations and encouraging a culture of continuous improvement
- Illustrating process optimization in action and discussing what the next steps will look like

BREAKOUT ROOM 2 LEAN & OPEX





Gustavo Lopez Ghory
Vice President Product Supply
Global Manufacturing (Retired)
Procter & Gamble

9:45 - 10:20 am

### Leadership, Corporate Culture, and World-Class Manufacturing

- Understanding how your leadership impacts the day-to-day operations in your facilities:
  - o What are your true objectives?
  - o Are you planning and communicating those goals to your team effectively?
- Setting performance targets and timelines for the creation and sustainment of a continuous improvement culture
- Identifying what you need in terms of tools and culture change to achieve your objectives
- Using the soft skills of 'people power' to win hearts and minds
- Seeking out new ways to motivate and empower your team

ROOM 3
INNOVATIONS &
NEW TECHNOLOGY





Pietro Di Pilato SVP, North America Manufacturing and Distillation Diageo

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
STRATEGIC
MANUFACTURING

#### **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

**LEAN & OPEX** 

#### Gaining a Competitive Edge with Digital Operations: Focus on Energy & Water Management

- Manufacturing is facing more cost-cutting pressures; this is coupled with increasing volatility in energy pricing, unstable access to resources such as water and the need to demonstrate a heightened sense of corporate social responsibility toward efficient energy consumption. In this environment, tracking overall plant energy consumption as an overhead cost is not enough, and manufacturers' traditional utility and energy management approaches are falling short
- Learn how leading manufacturers are transforming their utility management capabilities through manufacturing energy management solutions that connect all energy and water consumption and the associated costs to products, equipment and processes across the enterprise and within each manufacturing site





Scott Dixon
Executive Director,
Digital Manufacturing
Practice
Ernst & Young U.S. LLP

11:40 am - 12:15 pm

#### **Building Smarter Manufacturing With The Internet of Things**

- Where are we headed? IoT will fundamentally change how products are invented, manufactured, shipped and sold
- With IoT, IP networks and analytics, manufacturers can become more efficient, improve worker safety and offer new business models
- IoT will help manufacturers improve resource efficiency, safety and return on assets
- Manufacturers that master this new dynamic will have a variety of new opportunities for revenue growth and cost savings

WORKSHOP
BREAKOUT
ROOM 3
INNOVATIONS &
NEW TECHNOLOGY





Greg Kinsey Vice President, Industrial IoT Solutions Hitachi Insight Group

12:20 - 12:55 pm

#### **Workforce Development Programs as an Engine for Positive Change**

- Building and operating a hands-on training system of use to every facet of your organization
- Creating opportunities for your workforce to learn and grow as individuals, as leaders, and as part of a team
- Educating your team to identify waste and impediments to productivity and value generation
- Learning from your team to find the real KPIs that determine productivity, environmental performance, and cost savings
- Building capabilities that drive integrated improvements across quality, service, and cost outcomes
- Demonstrating the ROI of investing in training

BREAKOUT ROOM 1 STRATEGIC MANUFACTURING





Mike Dundas SVP Manufacturing and Operations Engineering Dell Inc.

12:20 - 12:55 pm

# BREAKOUT ROOM 2 LEAN & OPEX

#### Designing and Implementing a Custom-Tailored Lean Philosophy for Your Manufacturing Operations

- Outlining the motivations to move beyond existing lean manufacturing models: What was the catalyst for change?
- Designing and deploying a production system tailored to the company's unique requirements
- Sustaining performance improvements through a disciplined application of a behavioral, technical, and process management approach
- Standardizing processes across global operations
- Talking about next steps and lessons learned to date





Mark Dickson General Manager, John Deere Dubuque Works Deere & Company

12:20 - 12:55 pm

#### Our Experience Using 3D Printing as a Fast and Inexpensive Rapid Prototyping and Small Batch Job Tool

- How is 3D printing and additive manufacturing changing the way discrete manufacturers approach their projects and processes?
- What challenges have limited the scope of this technology until recently? What has changed?
- · Working with additive manufacturing experts to develop and improve capabilities in-house rather than through a third party supplier
- Showcasing some of the projects Newport News Shipbuilding is working on with the help of new technologies
- Demonstrating the scalability of this technology: What can other organizations learn from Newport News Shipbuilding's story?

BREAKOUT ROOM 3
INNOVATIONS & NEW TECHNOLOGY





Rob Hogan Vice President, Manufacturing and Supply Chain Management Newport News Shipbuilding

#### 12:55 - 1:55 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:

CapEx, Data, and Facilities



**Shanhari Sivagnanasundaram** Senior Director iPhone Operations **Apple** 

**Transition to Revision D for AS9100** 





Bruce Blackmon
Director, Enterprise
Excellence
and Operations
Raytheon Space and
Airborne Systems

Impacts of Cultural Change in Under-Performing Facilities





Michael Brice VP Offset Operations INX International Ink Co. Manufacturing for the Future

- Enhancing Customer Value
through Manufacturing
Digitalization and Innovation

Johnson Johnson



Bart Talloen Vice President Product Supply Johnson & Johnson

Leadership's Role in Building and Sustaining the Culture You Want





John Sekowski Vice President Danaher Business System Danaher

Manufacturing Innovation via Cloud-Based & Machine Learning





Walter Charles Chief Procurement Officer Biogen

Drive to Zero

- Process and Personal Safety





Jim Haney
Business
Manufacturing and
Technology Director
Performance Plastics
The Dow Chemical
Company

**OpEx 2.0** 

# **□ - BASF**

We create chemistry



Jennifer Vicknair North America Operational Excellence Business Leader BASF

Managing and Guiding an Organization Through Change





Gregg Drake
Director of
Operational
Excellence
Superior Essex

**Automation & Robotics Excellence** 





Joshua Freeman Vice-President, Quality & Process Excellence HID Global

**Benefits of Renewable Packaging** 



Share What Works Through Standardizing Global Operating Systems





Mark Brajer VP Operations Epicure

Maximizing the ROI of the Industrial Internet of Things





Britt Autry
Vice President of
Operations
Denso Corporation

Designing and Implementing LED Lighting Upgrades to Save Energy Dollars and Improve Productivity



The Importance of Data-Driven Manufacturing



Paul Boris
Vice President,
Manufacturing
Industries
GE Digital

1:55 - 2:30 pm

# ROOM 1 STRATEGIC

# Implementing Layered Process Audits to Validate Quality Management and Improve Customer Satisfaction

- Discussing how to prevent quality management programs from growing complacent over time
- Walking through how different tiers of management can engage with the quality management process at varied, regular intervals to maintain motivation and a fresh set of eyes to identify and mitigate challenges before they impact the customer
- Offering best practices to reinforce continuous improvement in quality management to prevent backsliding and improve end-product performance

LOCKHEED MARTIN



Eric Branyan
Vice President,
F-35 Supply Chain
Management
Lockheed Martin
Aeronautics

1:55 - 2:30 pm

**BREAKOUT** 

**LEAN & OPEX** 

#### Panel: Improved Performance by Investing in your Performers

- Discussing how organizational capability is really about workforce culture
- What does building and operating a hands-on training system look like?
- Creating opportunities for your workforce to learn and grow as individuals, as leaders, and as part of a team
- Learning from your team to find the real KPIs that determine productivity, environmental performance, and cost savings
- Demonstrating the ROI of investing in training and workforce cultural development

Johnson-Johnson



Bart Talloen Vice President Product Supply Johnson & Johnson





Jeff Klabunde
Executive
Director of
Manufacturing
Excellence
Adient





Henning Bruns GM Daimler North America Daimler

1:55 - 2:30 pm

#### **Working With Organized Labor to Build Better Businesses Together**

- Offering an overview of the realities of manufacturing with a unionized workforce
- Understanding what corporate leadership, shopfloor management, union leadership, and the frontline workers all want and need from one another in a healthy working environment
- Discussing common stumbling blocks and points of conflict between parties in search of common goals: How do you find win-win scenarios out of what at first seemed to be zero-sum games?
- Demonstrating that coordination, communication, and cooperation can build competitive advantage through improved productivity and performance
- What can we do today that we could not do yesterday, and what are we going to be able to do tomorrow that we cannot do today?

BREAKOUT ROOM 3
INNOVATIONS & NEW TECHNOLOGY





Shawn Otto
Regional Human Resources
and Labor Relations Director
Beam Suntory

2:35 pm - 3:10 pm

# WORKSHOP MANUFACTURING

#### Digital Manufacturing in the Medical Device Industry

Opportunities that leverage Industry 4.0 strategies for compliant manufacturing can drive significant value for manufacturing operations. Get insights into Medtronic's journey into a digital approach for manufacturing, where the enterprise is seamlessly integrated to the shop floor.

- Managing operations in real-time delivers a strategic advantage
- Plant to enterprise integration speeds information flow
- Touchscreen operations replace paper based processes
- Quality management and guided procedures assure compliant manufacturing
- Automated data collection minimizes errors
- The growing importance of traceability

# Medtronic Sr. Principle Business Solution Architect

Dean Kossila Medtronic





Frank Platt Senior Director of Solution Management and Manufacturing SAP

#### 2:35 pm - 3:10 pm

### **Driving The Digital Enterprise: Innovation For The Future**

Siemens and The Digital Manufacturing Design Innovation Institute (DMDII) are coming together to share their insights on compelling challenges and opportunities brought on by The Fourth Industrial Revolution and why many digitalization initiatives fail.

- Explore the way forward with Industry 4.0
- Benefit from combined learnings of DMDII and its rich ecosystem
- Achieve digitalization and business transformation
- Leverage technological forces in your innovation process
- Digitalize the end to end operation







Thomas McDermott Executive Director **DMDII** & Chief Program Officer **UI LABS** 





Bill O'Neill Head of Digital Enterprise Center of Competence Siemens PLM Software

#### 2:35 pm - 3:10 pm

#### Generate Value from Plant Floor Data with Al and the Digital Twin

- Why do manufacturers struggle to extract useful information from the data available?
- Explaining the digial twin, one of the most important emerging technology trends of 2017
- Showcasing the industry's first "plant" digial twin, which mirrors the entire production process
- Understanding the role of Al and digital twins in making plant floor data useful
- Demonstrating real-world use cases with measurable ROI
- Offering best practices from digital manufacturing leaders

WORKSHOP **INNOVATIONS & NEW TECHNOLOGY** 





Sved Hoda CMOSight Machine

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 - 5:05 pm

#### **Keynote: Creating Value Through Extracting Waste**

- Identifying high value opportunities in the value stream
- Securing management recognition of key insights while ensuring alignment with corporate strategies and objectives
- Ensuring alignment of resources to eliminate waste





**Anthony Hoskins**Director of Manufacturing, ATO **Ford Motor Company** 

5:05 - 5:45 pm

#### **Celebrating Operational Excellence - A Presentation from the Shingo Institute**

- Offering an overview of the past, present, and future of The Shingo Institute and the Shingo Prize for Operational Excellence
- How has the Shingo Model changed over the years to focus on building sustainable cultures of excellence rather than generating a short-term moment of peak performance?
- Discussing the 'Benchmark Companies' that have continued to improve after winning a Shingo Prize. What do they have in common and what can we learn from them?
- Understanding that culture change is about evolution, not revolution. How should organizations best embrace incremental change and hold onto improvements in the long-term?
- Showcasing case studies of the Shingo Model in action. What can manufacturing executives take away from these examples?





Ken Snyder
Executive Director
The Shingo Institute &
Executive Dean of the Jon M. Huntman School of Business
Utah State University

5:50 - 6:00 pm

#### **Technology Showcase in the Exhibition Hall**

# HITACHI Inspire the Next

6:00 - 7:00 pm



**APRIL 12, 2017** 

7:40 - 8:15 am

### BREAKFAST BRIEFING BREAKOUT ROOM 2 LEAN & OPEX

# Business Excellence in Manufacturing: Risk Management and its Impact on Quality Management Systems

- Understanding the growing industry trends in Risk Management
- Learning about the best practices in defining risk factors for an organization
- Discussing the key areas where risk is applied: Risk in Design, Risk in Process, Enterprise Risk Management
- Outlining the paths for success for implementing a risk-based strategy



Bhavin Virani
Senior Implementation
Consultant
EtQ

7:40 - 8:15 am

### BREAKFAST BRIEFING BREAKOUT ROOM 3 INNOVATIONS & NEW TECHNOLOGY

#### Improve Agility and Efficiency with Lean Pull & Predictive Analytics

- Use Predictive Analytics to implement Lean Pull planning & scheduling in complex supply networks
- Leverage Lean Pull to synchronize multi-tier scheduling from POS through plant production
- Develop insight on the use of predictive modeling and analytics to improve agility and responsiveness at lowest cost





Alfred Sherk Founder & CEO SherTrack, LLC

8:20 - 8:35 am

#### **Chair's Welcome Address**





Alistair Hirst SVP Global Supply Chain Kellogg Company

8:35 - 9:10 am

#### Sustaining and Evolving your Culture, Lessons Learned from Danaher

- Danaher's Culture (Danaher Business System or DBS) is who we are and how we do what we do
- Since 1988, Danaher's Culture has been both consistent in purpose yet evolving as Danaher has become a Global Science
   & Technology company
- From the early days doing kaizens with Shingijutsu to the more recent development of DBS Tools to support Organic Growth, Innovation and Leadership, DBS continues to evolve
- What are some of the key lessons learned to help both sustain a high-performance culture and know when to evolve?
- This pragmatic presentation will provide experienced-based knowledge, with a focus on Leadership





John Sekowski Vice President Danaher Business System Danaher

9:10 - 9:45 am

#### Discover the ROI of Operational Excellence: An Executive Discussion

- Learn how incorrect metrics can inadvertently devalue the critical elements of success
- Understand how executive leadership spearheads or derails an operational excellence journey
- Account for market opportunities and create a performance system that drives agility
- Begin building the case for change within your organization





Phil McIntyre
Managing Director
of Client Development
Performance Solutions by Milliken

9:50 - 10:25 am

#### BREAKOUT ROOM 1 STRATEGIC MANUFACTURING

#### Fostering an American Manufacturing Renaissance

- What makes American manufacturing competitive in a global economy?
- Reinvesting in the American industrial commons to improve U.S. manufacturing capabilities
- Continuing the manufacturing resurgence through low energy costs and energy efficiency
- Highlighting initiatives and programs that bring government, industry, and academia together to reinforce the American competitive advantage
- Moving this vision from concept to reality: What do we need to do to build the next ten years of American prosperity?

# **CATERPILLAR**



**Tana Utley** Vice President **Caterpillar Inc.** 

9:50 - 10:25 am

BREAKOUT

INNOVATIONS & NEW TECHNOLOGY

#### Case Study: Facility Expansion and Opportunities to Improve Performance by Investing in your Performers

- Discussing Subaru of Indiana's recent \$140-million expansion of the Lafayette plant
- Walking through the challenges and opportunities of incorporating 1200 new people into the existing workforce
- Highlighting how hands-on training systems can both educate new workers and enhance the capabilities of your more experienced workers
- Creating opportunities for your workforce to learn and grow as individuals, as leaders, and as part of a team
- Building capabilities that drive integrated improvements across quality, service, and cost outcomes
- Demonstrating the ROI of investing in training on an ongoing basis





Brad Rhorer
Assistant Senior Manager of HR
& Manager of Associate
Development
Subaru of Indiana

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

11:20 - 11:55 am

### Pursuit of Manufacturing Excellence in a Continuously Changing World

Shifts in global economy, customer demands, product mixes, and regulatory requirements require agile, cost effective manufacturing solutions. New innovations are needed to continue to deliver high end technology on time, meeting customer requirements in fast pace changing environment. Some of the focus areas include:

- 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





Carolin Seward
VP, Technology and
Manufacturing Group
and Director of Global
Supply Management
Intel Corporation

12:00 - 12:35 pm

#### Utilizing the Digital Industrial Transformation to Gain a Competitive Advantage

- Hear how GE leveraged digital transformation to drive over \$700 Million of cost out of their operations
- Learn the next generation operational capabilities enabled by IIoT technologies
- Understand how to better reduce production costs, be more effective with existing resources, and control production schedules in your own manufacturing operations







Jay Ford
Director of Membership
for UI Labs,
DMDII





**Paul Boris** VP, Industry Solutions **GE Digital** 





Craig Platt VP - Technical Product Management GE Lighting

12:00 - 12:35 pm

#### Serving Intelligence to the Intelligent – How Analytics Unlocks the Value of People

- With an experienced and well-educated management team, anything is possible or is it?
- Making the business case that without translating massive amounts of data into actionable information your best and brightest may be left in the dark
- Unlocking the potential of your leadership team by arming them with the intelligence required to make the decisions that drive real cost savings, more engaged employees, and a culture of continuous improvement
- Spend less time crunching data and more time analyzing useful information

WORKSHOP
BREAKOUT
ROOM 2
LEAN & OPEX





John Frehse Managing Director Core Practice LLC

12:00 - 12:35 pm

# How to Accelerate Business Transformation in Manufacturing Leveraging 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

WORKSHOP
BREAKOUT
ROOM 3
INNOVATIONS &
NEW TECHNOLOGY





Lisa Uhrmacher Vice President of IoT Vodafone

#### 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:

Acquisition to Integration: Merging Production Systems





Matt Swain Global Director, Lean Enterprise Littelfuse



Mark Sroka Corporate Lean Leader Littelfuse

Improving Time to Market
Manufacturing





Paul Walker
Director of
Manufacturing
& Tooling
Otterbox Products

Solving the Manufacturing Data Problem with the Digital Twin



How Leading Manufacturers
Use Layered Process Audits
to Create a Quality Culture
and Reduce Warranty Claims



Best Practices for Improving Visibility Across Manufacturing, Sourcing and Logistics Functions



Creating a Team-Based Kaizen Culture





Antonio Rodriguez
Director of Process
Excellence
Seneca Foods

Creating Open
Collaboration
in Safety
Management



Reginald Haith Plant Director McCormick & Company

The Power of Collaborative Business Improvement Informed Decision-Making: How Do You Ensure You Have Good Data?

#### **Inventing the Future of American Manufacturing**

- Why is investment in research and development important to manufacturing companies?
- Demonstrating how Big Data analytics and the Industrial Internet are taking collaboration and communication to a whole new level
- Showcasing game-changing new advances in machining, casting, additive manufacturing, automation, and materials development
- Offering practical suggestions to inspire creativity and innovation within your organization
- Translating new capabilities into improved performance throughout your business





Lane Ballard
VP of Materials
& Manufacturing
Technology
The Boeing
Company

2:10 - 2:55 pm

#### Panel: Increasing Cooperation with Purchasing, HR, IT, Product Development and Supply Chain Teams

- How can organizations realistically work towards a "one business, one goal" mentality?
- Discussing ways to align the actions of front-line workers with the company's corporate values and goals from the top down and the bottom up
- Offering best practices to eliminate silos within support organizations to advance the innovation trajectory





Alistair Hirst SVP Global Supply Chain Kellogg Company



GE Aviation



Jorge Perez
GE Aviation
Supply Chain
Growth Playbook
Leader
GE Aviation





Susan Freije VP Quality Assurance Benjamin Moore





Ebly Sanchez
Director Volvo
Production System
- Region Americas
Volvo Trucks North
America

2:55 - 3:00 pm

**Chair's Closing Address** 





Alistair Hirst SVP Global Supply Chain Kellogg Company