



Presents

GENERIS

# AMERICAN AUTOMOTIVE SUMMIT 2016



November 10<sup>th</sup> & 11<sup>th</sup>, 2016



Detroit, MI



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

## Tomorrow's Connection Today

Driving business performance through process and technological innovation



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## PROGRAM

# PROGRAM

## DAY ONE



7:00 am - 8:00 am

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### Breakfast

8:00 am - 8:10 am

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### Chair's Opening Remarks

**Dr. David Cole**  
Chairman



8:10 am - 8:50 am

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### KEYNOTE

#### Lean 4.0 - Ensuring sustainable functional excellence

- Improving safety, manufacturing flow and quality to drive lean within your organization
- Understanding when to utilize Cloud computing, IoT, Big Data, and when not to
- Advances in technology that allow you to share-and act on- realtime information in a coordinated end-to-end supply chain
- How F-150 innovations may affect vehicle manufacturing in general

**John Fleming**  
Former EVP, Manufacturing and Labor Affairs



8:50 am - 9:30 am

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### PLENARY

#### Driving Successful OEM-Supplier Networks for Improved Cost Containment and Cost Reduction

- Contract manufacturing as an opportunity for cost management in the manufacturing process
- Sharing data with the external network to help drive out cost
- Collaborating with partners for greater tech transfer in order to better manage long term risk
- Looking outside: understanding what other industries do to drive greater supplier collaboration

**Tom Lake**  
VP of North American Purchasing and Cost Planning



9:30 am - 11:15 am

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

11:15 am - 11:50 am

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### PEOPLE

#### Driving Sustainable Results: Top Management's Role in Successful TPS Implementation

- Strengthen quality in your facility with visible strong commitment to the production system by adopting and learning TPS
- Drive efficiency by building a culture of improvement that will surface and solve problems in real time
- Achieve your company's top goals through an accurate and thorough understanding of TPS
- Stay proactive: Paying attention to the shop floor by visiting frequently to mitigate risks and improve best practices

**Lisa Richardson**  
Project Manager, Toyota Manufacturing



## STRATEGY

### Inside Look into How Automotive Manufacturers Use Driverless Vehicles to Stay Ahead of the Competition

- Case study: Daimler
- Case study: Jaguar Land Rover
- How driverless pallet trucks and tow tractors solve growing materials handling challenges
- Developing a strategy to identify work processes for driverless vehicles

**Jeff Christensen**  
VP of Products and Services



## MANUFACTURING

### Surface Conditioning with Plasma: Robust Modern Manufacturing Solutions

- Facilitating the future of lightweight vehicles, achieving CAFÉ standards: Plasmatreat allows for the effective and efficient adhesive joining of dissimilar materials
- Anticorrosive coatings for Aluminum substrates to improve structural bonding. Plasma offers a unique dry process eliminating hazardous wet chemicals
- Green Manufacturing Technology: Openair atmospheric pressure plasma eliminates harmful VOC emissions
- Improved Economics: Plasma technology reduces manufacturing technology footprint in plants and lowers operating costs in automotive assembly

**Andy Stecher**  
President



## Lunch & Learn Round-Table Discussions

### Transformation through IIOT, Asset Value Chain Management

**Mahendra Joshi**  
Sales Head, DanaHER & UTC, Global  
Alliances & Consulting Practice



### Utilizing the Supply Chain to Increase Manufacturing Flexibility

**Harry Chase**  
Senior Leader Logistics, Packaging &  
Materials Field



### Mexico: How to take advantage of the new automotive hub

**Gerardo González**  
Guanajuato Region Director



## PLENARY

### 90% Defect Reduction Through Reexamining Your CI Strategy

- Standard work that encourages Kaizen as the foundation for all continuous improvement initiatives
- Concrete examples of CI work and tips on how to answer common worker opposition to standard work
- How to start and maintain your CI journey, metrics required for success
- Scaling with CI in mind: Including the right technology, people and process to drive enhanced quality on the shop floor

**Ed Wulbrecht**  
VP of Manufacturing



2:05 pm - 2:40 pm

## PEOPLE

### Technology Disrupters and the Brilliant Machine Age

- Remarkable technologies are emerging and creating a new "Brilliant Machine Age"
- Technology disrupters will also become seismic economy disrupters
- STEM talent will be crucial to participate in the Brilliant Machine Age economy
- Our leadership styles and approaches will need to change to accomplish this transformation

**Terry J. Woychowski**  
VP, North American Test Operations



## SUPPLY CHAIN

### Optimizing Integration Initiatives in the Global Supply Chain

- Driving the integration of the product lifecycle management and enterprise resource planning systems of all partners
- Building people networks: collaboration, knowledge sharing and social networking tools to help close distance caps and disrupt silos across the value chain
- Understanding the technology and process required to match demand with sourcing and manufacturing capacity globally
- Interpreting your analytics to better develop what if scenarios and drive supply chain agility

**Chris Styles**  
Senior Director, SCM Logistics



2:40 pm - 3:15 pm

## PEOPLE

### Ignite Process Excellence through Driving Lean and Six Sigma Techniques

- Deliver lasting operational transformation through the lean leadership maturity model to track and articulate the evolution of lean deployment in your organisation as a means to empower employees
- Drive performance improvements across the end-to-end value stream and create a rewarding environment for people to work
- Ensure improvements are connected by aligning initiatives to core business strategy
- Revolutionizing targets that go beyond cost reduction to time-based and service level competitiveness

**Bruce Hamilton**  
President



## SUPPLY CHAIN

### One Common Lifecycle Process and One Common Language: Facilitating internal and External Communication

- What were the product lifecycle challenges related to a multi-process operation?
- Defining the what the 'Conti-way' looks like with regards to quality gates and requirements
- Harmonizing the process landscape and overcoming the related cultural barriers to change
- Tackling the Engineer mentality of 'do we really need more documentation?'

**Harald Wilhem**  
Director, Quality Program & Systems  
NAFTA



3:15 pm - 4:40 pm

## Pre-Arranged One To One Networking & Refreshments

4:40 pm - 5:20 pm

## PLENARY

### 21st Century Manufacturing Organization - what's old is new - how to fix a broken manufacturing culture

- A comparison of two practices: A look at what worked in the past and the current situation
- Create a faster learning curve culture and increase proficiency with focusing on smaller amounts of job responsibilities within your team
- Innovating your culture with an influx of entry level position candidates
- Increase operational excellence through developing your current talent and maturing their leadership

**Curt Towne**  
EVP, New Business Development



5:20 pm - 6:00 pm

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## CLOSING PANEL

### Some of the Biggest Hurdles in Implementing and Sustaining a Successful Lean Initiative

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

**Brent Yeagy**  
Group President, Commercial Trailer  
Products



**Joe Da Rosa**  
Former President, Manufacturing

**TOYOTA**

**John Fleming**  
Former EVP, Manufacturing and Labor  
Affairs



**James Pastor**  
VP, Quality



6:00 pm - 6:05 pm

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## Chair's Closing Remarks

**Dr. David Cole**  
Chairman



6:05 pm - 7:05 pm

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## Networking & Drinks Reception

# PROGRAM

## DAY TWO



7:00 am - 8:00 am

### Networking & Breakfast

8:00 am - 8:10 am

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

**Joe Da Rosa**  
Former President, Manufacturing

**TOYOTA**

**Mark Reich**  
COO



8:10 am - 8:50 am

### KEYNOTE

#### 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

**Brent Yeagy**  
President & COO



8:50 am - 9:30 am

### PLENARY

#### Revolutionary Sustainability: The future of Clean and Cost Effective Production

- Best practices in increasing production efficiency while reducing costs
- Successfully strategies in leading new technology programs that require workforce buy-in
- Opportunities for tier 1 and tier 2 suppliers to better understand how to work with an electric vehicle manufacturer
- Planning for the future: lessons learned in manufacturing a new class of clean and cost effective vehicles

**Bob Purcell**  
COO



9:30 am - 10:05 am

### STRATEGY

#### 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



### SUPPLY CHAIN

#### Top Five Ways Automatic Guided Vehicles are Improving Lean, While Reducing Costs in Automotive Plants

- Automotive companies are challenged with reducing costs, improving safety, and boosting productivity
- See real-world case studies of how automotive companies are using AGVs to drive lean efficiencies
- Discover how the flexibility of AGV's is transforming material handling.
- Learn how to use ROI and payback tools to justify your next AGV investment

**Sarah Carlson**  
VP, Marketing & Business Development



10:05 am - 11:10 am

## Networking & Refreshments

At 11:00 am, please join us in a minute of silence to honor our veterans.

11:10 am - 11:45 am

### STRATEGY

#### Maintaining Quality with Globalized Suppliers and Automotive Manufacturing Teams

- Performance monitoring systems for supplier quality assessment and risk control
- Supplier visibility: understanding manufacturing processes & uncovering sub-tier suppliers
- Business across borders: the impact of culture on automotive supplier quality
- Communication strategies to secure internal support of supplier quality assurance goals

James Pastor  
VP, Quality



### SUPPLY CHAIN

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

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

Carrie Uhl  
VP, Procurement, Americas



11:45 am - 12:20 pm

### MANUFACTURING

#### Optimizing CNC machines using V-flange tooling to increase productivity 10%-40%

- Understand the cause and effect of toolholder distortion
- Deliver solutions to correct and improve tooling performance
- Discover the benefits of implementing a Spindle Optimization System thru increased tool life, reduced set-up times and improved manufacturing efficiency

Robbie McKee  
Sales Manager



12:20 am - 1:20 am

## Lunch & Learn Round-Table Discussions

#### Praying for a Lean Revolution, It's a Leadership Thing

Alexandria Stathakis  
Director, Corporate Sector Purchasing & Logistics



#### Succession Planning: What Your Company Can Do To Develop the Next Generation of Manufacturing Talent

Linda Taliaferro  
VP, Global Quality



#### The Challenge of Implementing Standard Work that People Follow

Ed Wulbrecht  
VP of Manufacturing



#### Building People Networks: Collaboration, Knowledge Sharing and Social Networking Tools to Help Close Distance Caps and Disrupt Silos Across the Value Chain

Chris Styles  
Senior Director, SCM Logistics





1:20 pm - 2:00 pm

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## PLENARY

### Doing Business Across Cultures

- An overview of what is essential to successfully integrate companies across different cultures
- Global scale and shared best practices for operational excellence and seamless program execution
- Maximizing production with the tools and people already in place
- The advantage global, diversified cultures provide in the growth of sustainable business with automakers

Nathan Bowen  
VP & GM, Americas



2:00 pm - 2:35 pm

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## PLENARY

### From Theory to Execution: Implementing a DFMEA Process that Guarantees Zero-Defects

- Drive progress by eliminating the failure mode with error proofing your company's future design process
- Outperform the competition by pinpointing risks to the project and solution with six sigma initiatives
- Lead a culture of excellence by exploring the human side of quality- achieving positive results from the people on your team
- Take preventative action through effective measurement and meaningful metrics

Louis Whitlock  
VP Global Quality



2:35 pm - 3:10 pm

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## CLOSING PRESENTATION

### Qualifying your Company for the U.S. CAFE Standards: 2016-2025

- Gaining a firm understanding of the U.S. CAFE Regulatory Structure
- An in depth analysis of the main CAFE scenarios that could affect your company and vehicle footprint
- Strategies for meeting targets in 2016 and 2025
- Comparing the likelihood of meeting fuel economy targets in passenger cars and combined CAFE

Kevin Green  
Chief, CAFE Program Office



3:10 pm - 3:15 pm

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## Chair's Concluding Remarks & Close Of Summit

Joe Da Rosa  
Former President, Manufacturing



Mark Reich  
COO

