



AMERICAN AUTOMOTIVE SUMMIT 2018


NOVEMBER 6-7, 2018

EDWARD HOTEL & CONVENTION CENTER • DEARBORN, MI

usautosummit.com

TOMORROW'S CONNECTION TODAY

Driving Business performance through process and technological innovation

 +1-416-298-7005

 info@generisgp.com

PROGRAM

PROGRAM DAY ONE

*** JOIN US FOR THE PRE-EVENT SOCIAL NOVEMBER 5TH, 2017 AT 6:00 PM - 7:00 PM**

Sponsored by: 

7:00 am – 8:00 am

BREAKFAST

8:00 am – 8:10 am

CHAIR'S OPENING REMARKS

CARLA BAILO
President & CEO



8:10 am – 8:50 am

KEYNOTE

THE FUTURE OF DIGITAL FACTORIES & PREPARING FOR INDUSTRY 4.0

- Leveraging 3D factory simulations to rapidly improve the production line and drive cost reduction
- How equipment connectivity to an MES (Manufacturing Execution System) automates quality records and enables day to day regulatory compliance
- Talent development techniques to ensure optimal execution and employee readiness during digital transformations
- Incorporating cloud technology to track raw materials and dispatch autonomous guided vehicles

8:50 am – 9:30 am

TALENT MANAGEMENT MASTERCLASS

REINVENTING YOUR COMPANY CULTURE: PEOPLE, PRODUCT, PROCESS

- Innovating your culture with an eye toward industry 4.0
- Increase operational excellence through developing your current talent and maturing their leadership
- A case study of two practices: a look at what worked in the past and the current situation

CHARLIE ACKERMAN
SVP, Human Resources



9:30 am – 10:10 am

INNOVATION SPOTLIGHT

EXECUTING IN CONSTANTLY CHANGING TIMES: IMPLEMENTING A DIGITAL TRANSFORMATION PLAN TO REMAIN COMPETITIVE

- Realize your digitization vision by implementing Strategy Deployment techniques
- Make your organization more flexible and adept at reorganizing in “real-time”
- Understand how to leverage information to quickly adapt your strategy and gain competitive advantage

TOM WARNER
CEO



10:15 am – 11:55 am

PRE-ARRANGED ONE-TO-ONE NETWORKING & REFRESHMENTS

12:00 am – 12:35 pm

PROCESS OPTIMIZATION

MANUFACTURING TO SMART FACTORY

- Connectivity, Internet, Computing and AI: how does breakthrough technology impact the factory of tomorrow
- The Smart Factory; what is it?
- A factory of the future – A Case Study
- The war for talent, the skill required to enable tomorrow's manufacturing

TOM APOSTOLOS
SVP, Global Exteriors



SUPPLIER OVERSIGHT

ADDRESSING 2018 PURCHASING CHALLENGES FROM A SUPPLIER VIEWPOINT

- How supplier relations impact the bottom line for both suppliers and OEMs
- A look at the OEM-supplier relationship: steps to improve your relations and a look at policies they are embracing
- Key strategies suppliers should consider when working with OEM purchasing teams

DAN KEY
SVP, Chief Supply Chain Officer



QUALITY

MAINTAINING QUALITY WITH GLOBALIZED SUPPLIERS AND AUTOMOTIVE MANUFACTURING TEAMS

- How to set expectations with customers and suppliers to manage risk effectively and increase cost savings
- Ensuring that all components, regardless of where they were manufactured or procured, are of the same level of quality
- Clarifying how & when to qualify global suppliers to ISO and/or TS standards

RYAN LASKEY
VP, Engineering Commercial Vehicle & Core Driveline Products



12:40 pm – 1:15 pm

PROCESS OPTIMIZATION

PERFORMANCE MONITORING SYSTEMS FOR SUPPLIER QUALITY ASSESSMENT AND RISK CONTROL

- Building teams for effective collaboration with overseas partners
- Identify and adapt to cultural differences to ensure effective communication to avoid the risk of defective or incompletely manufactured products that slow down the manufacturing timeline.
- Implementing systems for successful international communication
- Helping suppliers recognize the impact manufacturing processes and quality practices have on a finished product

KEIJI FUJII
President & CEO



SUPPLIER OVERSIGHT

SUPPLIER VISIBILITY: UNDERSTANDING MANUFACTURING PROCESSES & UNCOVERING SUB-TIER SUPPLIERS

- Clarifying supplier manufacturing processes and locations to reduce risk
- Communicating with suppliers to increase transparency and improve quality
- Unlocking the potential behind true supply chain mapping and creation of operational transparency strategies.
- Leveraging improved visibility to reduce cost though the value chain

QUALITY

IIOT - REAL WORLD EXAMPLES OF HOW BIG DATA ANALYTICS HAS PROVIDED MEASURABLE RESULTS WITHOUT BREAKING THE BANK


- What is the hype and what should our business focus on?
- Downtime reduction through predictive monitoring and planning
- Process improvement - shorten the life cycle of introducing change
- Strategies for simplifying deployments to minimize risk and maximize ROI




1:15 pm – 2:15 pm

LUNCH & LEARN ROUND-TABLE DISCUSSIONS


DRIVING CHANGE WITH THE TOYOTA PRODUCTION SYSTEM

JAMIE BONINI
VP, Toyota Production System Support Center 

SUCCESSION PLANNING: WHAT YOUR COMPANY CAN DO TO DEVELOP THE NEXT GENERATION OF MANUFACTURING TALENT

LINDA TALIAFERRO
VP, Global Quality 


LEAN STARTUP- IMPLEMENTING LEAN IN THE NEW GENERATION OF EV STARTUPS: HOW STARTUPS THRIVE DESPITE CHALLENGES OF AN ENGINEERING-FOCUSED ORGANIZATION, LIMITED RESOURCES, AND AVAILABILITY

LEONEL LEAL
Associate Director, Manufacturing Engineering 

THE GREAT DIVIDE: WHAT AUTOMOTIVE CONSUMERS ARE BUYING VS. AUTO & SUPPLIER INVESTMENTS IN FUTURE TECHNOLOGIES, PRODUCTS & BUSINESS MODELS

CARLA BAILO
President & CEO 

AN OVERVIEW ON RECALL SIZE, SCOPE AND TYPE; HOW OEMS AND TIER 1 SUPPLIERS ASSESS COMPONENT RISK AND COSTS

JEFF SUTTER
Global Director, Innovation & Continuous Improvement 

UNDERSTANDING AND APPLYING THE LEAN TRANSFORMATION FRAMEWORK FOR THE NEXT INDUSTRIAL REVOLUTION

MARK REICH
COO 

QUALIFYING YOUR COMPANY FOR THE U.S. CAFE STANDARDS: BE PREPARED FOR THE 54.5 MPG FUEL MANDATE

2:20 pm – 2:55 pm

PROCESS OPTIMIZATION

DRIVING COMPETITIVE SUCCESS THROUGH MANUFACTURING EXCELLENCE AND CONTINUOUS IMPROVEMENT ORGANIZATION-WIDE

- Examining key strategies to drive growth and efficiencies while reducing costs
- Creating a continuous improvement plan that addresses the entire business while integrating data and analytics
- Create a culture that strives for operational discipline and maintains lean inventories

MIKE HARDIE

Director, Operational Excellence



SUPPLIER OVERSIGHT

SHAPING THE TRANSFORMATION OF THE INDUSTRY: BUILDING A HIGHLY EFFICIENT GLOBAL SUPPLIER NETWORK AND ENSURING CUSTOMER REQUIREMENTS ARE BEING MET

- Risk proof your supply chain for the future; ensure your supply chain has the agility for new products and your team is ready for new processes to stay competitive
- Accelerate innovation and adapt sourcing processes efficiently to integrate suppliers earlier
- Implement fast growth by communicating effectively to link and coordinate global strategies with suppliers and optimize project and launch management

ROBIN MILAVEC

VP< Global Engineering



QUALITY

AN OVERVIEW ON THE IATF 16949: NEXT STEPS

- Key guidance instructions for suppliers and customer requirements, a look at the next steps
- An outline of critical steps to take when starting over with an initial certification audit to IATF 16949
- How to determine when a full internal system audit is necessary against IATF prior to the start of the transition audit
- How IATF is addressing key resources available for the current transition and beyond

CHERIE REICHE

Program Manager, Auditor Development and Special Projects



3:00 pm – 3:35 pm

PROCESS OPTIMIZATION

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



SUPPLIER OVERSIGHT

IIOT- REAL WORLD EXAMPLES OF HOW BIG DATA ANALYTICS HAS PROVIDED MEASUREABLE RESULTS WITHOUT BREAKING THE BANK

- What is the hype and what should our business focus on?
- Downtime reduction through predictive monitoring and planning
- Process improvement - shorten the life cycle of introducing change
- Strategies for simplifying deployments to minimize risk and maximize ROI



QUALITY

SUPPLIER VISIBILITY: UNDERSTANDING MANUFACTURING PROCESSES & UNCOVERING SUB-TIER SUPPLIERS

- Clarifying supplier manufacturing processes and locations to reduce risk
- Communicating with suppliers to increase transparency and improve quality
- Unlocking the potential behind true supply chain mapping and creation of operational transparency strategies.
- Leveraging improved visibility to reduce cost



3:40 pm – 5:00 pm

PRE-ARRANGED ONE-TO-ONE NETWORKING & REFRESHMENTS

5:05 pm – 5:45 pm

5:05 pm – 5:45 pm

EXECUTIVE SPOTLIGHT

MANUFACTURING OPERATIONS - UNDERSTANDING THE LINK TO PROFITABILITY

- How do you measure and sustain operational excellence? Linking manufacturing performance to the P&L: Monetizing and understanding OEE losses
- Supply chain readiness, industry challenges, resource shortages, compressed timing and aggressive launch curves all lead to risk
- Supply chain risk management: use key operational metrics to predict risk and see the risk before it impacts your plant
- Agile manufacturing: being able to flex your workforce to support your agility strategies and support mix model production (high mix at rate)

PAUL FONTAINE
Director, Operations



5:45 pm – :625 pm

LEAN MASTERCLASS

GREATER EFFICIENCY, PROFITABILITY AND PRODUCTIVITY THROUGH MANUFACTURING OPERATIONS MANAGEMENT

- Leveraging lean principles to solve the daily challenges managers face
- Building your continuous improvement framework around manufacturing responsiveness
- Developing an end-to-end focus around improving efficiency, flexibility and speed-to-market
- Creating a checklist to ensure maximum quality and production optimization across all global facilities
- Scalability first: establishing solutions that combine production efficiency with quality and visibility

MARK REICH
COO



6:25 pm – 7:05 pm

LIVE CASE PANEL

IMPROVING YOUR CORPORATE CULTURE THROUGH EMPLOYEE DEVELOPMENT

- Techniques to improve operational productivity and employee engagement
- Challenges and solutions for new employee recruitment methods
- Techniques to increase employee retention Seamless incorporation of new hires into existing teams

CARLA BAILO
President & CEO



JAMIE BONINI
VP, Toyota Production System Support Center



LINDA TALIAFERRO
VP, Global Quality



CHARLIE ACKERMAN
SVP, Human Resources



ROBIN MILAVEC
VP, Global Engineering



7:05pm – 7:10 pm

CHAIR'S CLOSING REMARKS

CARLA BAILO
President & CEO



7:10pm – 8:10 pm

NETWORKING & DRINKS RECEPTION

Sponsored by:



PROGRAM DAY TWO

7:00 am – 8:00 am

NETWORKING & BREAKFAST BRIEF

8:00 am – 8:10 am

CHAIR'S OPENING REMARKS & REVIEW OF DAY ONE



8:10 am – 8:50 am

KEYNOTE

TURNING PASSION INTO PROFIT: THE TRANSFORMATION JOURNEY THAT CAN SAVE YOUR BUSINESS

- Increase revenue, production efficiency and quality to maintain customer loyalty
- 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

LINDA CASH
VP, Quality & New Model Launch



8:55 am – 9:35 am

LEAN MASTERCLASS

DRIVING SUSTAINABLE RESULTS: TOP MANAGEMENT'S ROLE IN SUCCESSFUL TOYOTA PRODUCTION SYSTEM 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

JAMIE BONINI
VP, Toyota Production System Support Center



9:35 am – 10:10 am

INNOVATION SPOTLIGHT

PREPARING FOR INDUSTRY 4.0 THROUGH CHOOSING THE RIGHT CONTINUOUS IMPROVEMENT TECHNIQUES

- How FCA is adapting to an evolving automotive landscape by leveraging lean principles in their World Class Manufacturing system
- Balancing customer demands, complexity, supplier networks and market pressure
- How to implement a standardized operational practice that demonstrates management commitment, focused improvement, cost savings and quality control
- Benefiting from a plant simulation strategy that addresses concerns around market volatility

CARLO MATERAZZO
Head of World Class Manufacturing



10:15 am – 11:05 am

NETWORKING & REFRESHMENTS

11:10 am – 11:45 am

PROCESS OPTIMIZATION

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

Director of Operations & Assessments



SUPPLIER OVERSIGHT

INCREASE SUPPLIER VISIBILITY ACROSS ALL TIERS IN THE SUPPLY CHAIN: HOW TO IMPROVE LEAD TIMES AND PERFORMANCE

- Identify shortage and quality problems along the supply chain through lean processes, relationships and technology
- Clarifying supplier manufacturing processes and locations to reduce risk
- Communicating with suppliers to increase transparency and improve quality
- Unlocking the potential of true supply chain mapping and creation of operational transparency strategies
- Leveraging improved visibility to reduce cost through the value chain

CHUCK SANDERS

VP, Purchasing & Supplier Engineering Development



INNOVATION

\$16 BILLION REMAINING, EXPANDING U.S. ADVANCED VEHICLE AND COMPONENT MANUFACTURING WITHIN YOUR COMPANY: KEY PROCESSES TO GETTING YOUR APPLICATION APPROVED

- Prepare for the future of automotive manufacturing through updating and expanding your facility, your products and engineering integration initiatives
- Case Studies: how Tesla, Ford and Nissan are staying ahead of the curve through the Advanced Technology Vehicles Manufacturing program
- Achieve rising fuel economy standards through new technology advancements in your product production portfolio; an overview of components eligible to increase fuel economy performance
- Create and preserve American manufacturing jobs and expand domestic manufacturing

MICHAEL REED

Director, Technical and Project Management Division



11:50 pm – 12:25 pm

PROCESS STRATEGY

USING ARTIFICIAL INTELLIGENCE TO REALIZE THE 4TH INDUSTRIAL REVOLUTION

- Unpack the thematic pillars of the 4th Industrial revolution and asses individual impact on improving production metrics
- DataProphet has created an Artificial Intelligence system called OMNI that has been installed in many industrial sites around the globe
- Realize substantial improvements in production yield and manufacturing efficiency
- Exploring the requirements to integrate a system with your production data service and how benefits are surfaced alongside your existing workforce

FRANS CRONJE

Managing Director & Co-founder



SUPPLIER OVERSIGHT

SUPERIOR VALUE CREATION: OPERATIONAL LEVERS TO CREATE EXCEPTIONAL IMPACT FOR THE OEM

- Product Portfolio Leadership through a commercially deployed innovation and R&D strategy
- Establishing a diversified business portfolio to keep pace with the changing challenges of your customer
- Capacity demand alignment to optimize your supply chain with the global demands of OEMs
- Cost and asset efficiency for better management of fixed and variable cost to maximize asset efficiency.



INNOVATION

DIGITIZE TO THRIVE: BRILLIANT MANUFACTURING AS A BETTER WAY FORWARD

- Link design, engineering, manufacturing, supply chain, distribution and services into a truly scalable system.
- What are the metrics to look out for behind this exercise in factory optimization
- Put the power in the hands of your decision makers: real time data as the key tool in maximizing plant floor efficiency.
- Tactics on synchronizing plant floor production with product quality and profitability



12:30 pm – 1:30 pm

LUNCH & LEARN ROUND-TABLE DISCUSSIONS

PDMP'S METHODOLOGIES AND DELIVERABLE'S: IMPROVE QUALITY, INCREASE OEE AND POSITIVELY IMPACT YOUR MONTHLY P&L'S

PAUL FONTAINE
Director, Operations



ACHIEVE MAXIMUM PRODUCTION EFFICIENCY THROUGH INTEGRATING FROM WITH FUNCTION



AUTOMATE YOUR PRODUCTION LINE AND ACHIEVE SHORT CYCLING TIMES



1:35 pm – 2:10 pm

PROCESS OPTIMIZATION

GAIN A COMPETITIVE ADVANTAGE THROUGH ACHIEVING AN IDEAL TOTAL DELIVERY COST

- Improve your operation cost structure by introducing new guidelines moving from top down to full-cost structure analysis
- Implement value stream-optimized principals to pinpoint and eliminate waste in the process
- Remain quality focused with a value-added production system that ensures total customer satisfaction
- Drive manufacturing to excellence through standardized best practices

JEFF SUTTER
Global Director, Innovation & Continuous Improvement



SUPPLIER OVERSIGHT

GOING BEYOND SUPPLY CHAIN VISIBILITY FOR RAPID RESPONSE

- How to course- correct around unplanned events that threaten achievements of the operations performance objectives
- Outlining the core principals for strengthening the relationship between suppliers in order to maintain an on-time-delivery
- Achieve your ideal score on you supplier scorecard: your customized check-box to address all supplier quality standards

BRIAN ALLEN
VP, Manufacturing



INNOVATION

A SUSTAINABLE BUSINESS MODEL FOR THE FUTURE OF TRANSPORTATION: HOW TO MEET THE DEMANDS OF ELECTRIC VEHICLES

- What is vital to grow the industry
- The opportunities for fleet management, working alongside automakers, municipalities & utilities
- How EV markets are evolving across the globe and what's next to meet demand

LEONEL LEAL
Associate Director, Manufacturing Engineering



2: 15pm – 2:55 pm

EXECUTIVE SPOTLIGHT

ADVANCING YOUR PRODUCT STRATEGY AND WORLD CLASS OPERATIONS TO STAY COMPETITIVE ON A GLOBAL SCALE

- How suppliers can prepare to meet the 54.5- mpg mandate; approved or not, be ready
- How to innovate your organizations products and processes to compete on a global stage
- Create technology that is ahead of policy
- Center you processes around innovation and customer needs

LYLE OTREMBIA
VP, Adjacent Markets



3:00pm – 3:35 pm

PROCESS OPTIMIZATION

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 organization 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

SUPPLIER OVERSIGHT

ONE COMMON LIFECYCLE PROCESS AND ONE COMMON LANGUAGE: FACILITATING INTERNAL AND EXTERNAL COMMUNICATION

- What are the product lifecycle challenges related to a multi-process operation?
- Harmonizing the process landscape and overcoming the related cultural barriers to change
- Tackling the Engineer mentality of ‘do we really need more documentation?’

INNOVATION

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

3:40 pm – 4:20 pm

PANEL

HOW A NAFTA-EXIT WILL IMPACT AUTOMOTIVE MANUFACTURING: BENEFITS OF NAFTA AND CONSEQUENCES OF WITHDRAWAL FROM THE AGREEMENT

- 31,000 U.S. automotive and parts jobs diminished: a look of what the 35 percent Tariff on light vehicles imported from Mexico means to U.S. employment
- Looking towards the future; will China, South Korea and Japan replace Canada and Mexico to be the U.S.’s largest automotive parts importer?
- Exploring all losses with a NAFTA-exit
 - Vehicle prices increase
 - U.S. market shrinking
 - With a smaller market, the U.S. will suffer a loss of regulatory leadership to EU and China
- An outline of ready sourcing options outside of the U.S.

CARLA BAILO
President & CEO



ROBIN MILAVEC
VP, Global Engineering



4:25pm – 4:35 pm

CHAIR'S CONCLUDING REMARKS & CLOSE OF SUMMIT

CARLA BAILO
President & CEO

