AMERICAN AEROSPACE & DEFENSE SUMMIT 2019

DECEMBER 11–12, 2019
RENAISSANCE GLENDALE HOTEL & SPA • GLENDALE AZ

aadsummit.com

TOMORROW’S CONNECTION TODAY
Driving business performance through process and technological innovation

📞 +1-416-298-7005
✉️ info@generisgp.com

PROGRAM
American Aerospace & Defense Summit 2019 Program • Page 1

PROGRAM DAY ONE

WEDNESDAY, DECEMBER 11TH, 2019

JOIN US FOR THE PRE-EVENT HAPPY HOUR ON TUESDAY, DECEMBER 10 FROM 6:00 PM-7:00 PM

7:00 a.m.—8:00 a.m.
REGISTRATION AND NETWORKING BREAKFAST

8:00 a.m.—8:10 a.m.
CHAIR’S WELCOME ADDRESS

8:10 a.m.—8:45 a.m.
KEYNOTE

MAXIMIZING PRODUCTION TO MEET THE GROWING DEMAND FOR AIRCRAFT AND SPACECRAFT

- What new tools and technologies should your organization be leveraging? What has proven successful?
- Discussing transformations within aircraft and spacecraft production and how to enable a higher standard of reliability
- Processes to achieve reliability through testing and inspection
- Design communication: Discussing design intention and how to clearly communicate and showcase the overall form of a concept
- Case study: Highlighting success stories from Airbus’s new highly automated spacecraft manufacturing facility

JIM MCCLELLAND
Chief Technology Innovation Officer
AIRBUS

8:45 a.m.—9:20 a.m.
PLENARY

BUILDING WORLD-CLASS PROCUREMENT AND SUPPLY CHAIN ORGANIZATIONS

- Improving quality and supply continuity by leveraging deep procurement expertise
- Assessing increasingly complex global supply chains and competition and increasing demand for shorter production cycles
- Developing a real-world understanding of global sourcing, supply chain and materials management
- Transforming procurement and supply organizations through strategic planning, leadership and innovation
- Designing original, innovative solutions that strengthen and optimize supply chain procurement processes

ERIC MICHLowitz
VP, Supply Chain, Procurement, Space Systems Division
NORTHROP GRUMMAN
9:20 a.m.—9:55 a.m.

PLENARY
UNIFYING EFFORTS ACROSS TEAMS AND CHANNELS TO SUPPORT COMPLEX MISSIONS
- The U.S. Military and its allies need to be ready to address threats anywhere in the world within 24 hours
- The Aerospace and defense community relies on many teams (knowledge workers, business development, partners, and suppliers) to ensure service members have what they need at a moment’s notice
- Salesforce, the first company to bring Software-as-a-Service (SaaS) to market, will show how the right platform unites teams to deliver personalized digital engagement
- Learn from senior leaders in government and manufacturing for the best practices for improving how the experience of employees, partners, and suppliers speeds time to value for government customers

TONY KRATOLVL
RVP, Manufacturing and Automotive

CASEY COLEMAN
SVP, Government Industry

10:00 a.m.—11:40 a.m.

REFRESHMENTS, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS

11:45 a.m.—12:20 p.m.

SUPPLY CHAIN
SUPPLY CHAIN RESEARCH AND ANALYSIS: ILLUMINATING RISKS IN COMPLEX SYSTEMS
- Framing the strategic challenge posed by the interconnected, multi-tiered supply chains of mission projects managed by the NASA Goddard Space Flight Center
- Discussing conditions and risks which can disrupt or threaten the availability, production and delivery of products and services for complex space systems
- Utilizing a holistic analytical framework, business intelligence techniques, an integrated information system platform and analytics to produce insight into suppliers / supply chains and associated risks
- Advancing supply chain risk management capabilities to support the successful performance of space missions

JONATHAN ROOT
Program Manager, Assurance Systems Division, Safety and Mission Assurance Directorate

MANUFACTURING
HOW TO ACHIEVE END-TO-END PROCESS IMPROVEMENT AND CONTROL
- Embedding a zero defect plan within your organization
- Leading and managing cross-functional and high performing teams in satellite air-launcher development and production
- Why removing sources of variation will allow continuous improvement

TOM TRAPP
Senior Director, Mojave Operations

QUALITY
CREATING STANDARDIZED AND MODERN WORK INSTRUCTIONS TO PROMOTE QUALITY AND REDUCE ERRORS
- Discussing the need for enhanced work instructions in aerospace and defense
- Navigating delivery mechanisms - why one size does not fit all
- Case study: Highlighting what’s new at Spirit AeroSystems

CINDY HOOVER
VP and Chief Engineer, Operations

TECHNOLOGY & ENGINEERING
BRIDGING THE RELATIONSHIP BETWEEN DISCIPLINE AND VELOCITY IN ENGINEERING DEVELOPMENT PROGRAMS
- Why discipline and velocity in development programs don’t have to be mutually exclusive
- Identifying, coaching and mentoring Gen Z talent to assume increased responsibilities in engineering
- Navigating people and processes: Let’s talk about Gen Z engineers, and the aerospace industry’s newest technologies
- How to create a small company mentality within a large corporation

RANDY ROBERTSON
VP, Next Generation Avionics

Honeywell
WORKSHOP
HOW DO YOU KNOW YOUR S&OP PROCESS IS MEETING THE NEEDS OF YOUR BUSINESS? MEASURE IT!
- What does a good S&OP process look like and why should you care?
- How to identify (define or determine) critical/essential leading and lagging metrics? Which one’s are most critical
- How to get engagement and what to do if you don’t have it
- Don’t have a S&OP process or maybe a complete reboot? Learn how to deploy S&OP with a repeatable rapid implementation methodology

EDWARD HOFFMAN
President

WORKSHOP
AN IMPORTANT STEP FOR OPERATIONS, A GIANT LEAP FOR DIGITAL MANUFACTURING
- Discussing the Manufacturing Execution Systems (MES) as a foundational enabler for Industry 4.0 digital transformation
- How augmented reality, artificial intelligence, cloud and edge computing, mobile and auto-ID are being integrated into MOM solutions
- How MES is central to the digital transformation strategy by providing:
  - Intelligent insights
  - Production-centric data context and governance
  - Procedural standardization and control
  - Response action to issues
  - Connection and a digital thread between engineering and business systems

BECKY KELDERMAN
Director, World-Wide Industry Solutions

WORKSHOP
5 CRITICAL REQUIREMENTS FOR AEROSPACE MANUFACTURERS AS THEY TRANSITION OR GO-TO-MARKET
- How to avoid costly blind spots commonly missed in the Research and Development process
- Improving system performance while reducing time-to-market
- Case study: OEM/ODM collaboration drives innovation and competitive advantage

RICHARD ROSS
VP, Technology and Product Development

WORKSHOP
EFFECTIVE STEPS FOR ACHIEVING AND MAINTAINING COMPLETE SUPPLY CHAIN VISIBILITY
- Mitigating supply chain risk by geographically mapping each of your suppliers
- Leveraging cloud technology to identify and monitor suppliers in all supply chain tiers
- Utilizing this information to meet new quality and cybersecurity requirements, including CMMC
- Case study: How one major OEM is monitoring dimensional results in real time to quarantine issues and eliminate traditional source inspection

MIKE DUNLOP
President and CEO

12:25 p.m. — 1:00 p.m.
1:05 p.m.—2:05 p.m.

LUNCH & LEARN ROUNDTABLE DISCUSSIONS

PUTTING THE COST OF RECEIVING SECTION BACK TO THE SOURCE AND DEVELOP WITH DELEGATION

JASON ANDERSON
Field Engineering Director

APQP—HOW AEROSPACE CAN BENEFIT FROM THIS 40-YEAR OLD PROCESS

JEFF MCLEAN
Director

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

MAXIMIZING QUALITY ASSURANCE AND PROCESS CAPABILITY ASSESSMENT

LEM HUNTER
Founder and President

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

AARON LALONDE
Director, Applications Engineering

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President

ADVANCED COMPONENT MANUFACTURING AND CAPITAL EQUIPMENT OPTIMIZATION

BILL SEPAK
President, America's

HOW TO SEIZE INNOVATIVE GROWTH OPPORTUNITIES IN OHIO'S AEROSPACE AND DEFENSE SECTOR

GLENN RICHARDSON
Director, Aerospace and Advanced Manufacturing

EXTENDING AEROSPACE AND DEFENSE INNOVATION VIA THE CLOUD

TONY KRATOLVIL
RVP, Manufacturing and Automotive

BEST PRACTICES FOR MINIMIZING COMPLIANCE RISK WITH TIME AND LABOR TRACKING INFORMATION

JIM KING
Manager, Senior Product

TRANSFORMING OPERATIONS: THE DIGITAL SUPPLY CHAIN AND SMART FACTORY JOURNEY

STEPHEN VALL
Industrial Markets and Analytics Executive

IMPROVING PRODUCTIVITY OF METAL ADDITIVE MANUFACTURING

IBM

OPERATIONAL IMPROVEMENT: TRANSFORM HOW YOU TRANSFORM

PAMELA HACKETT
CEO

CREATING A LEARNING ORGANIZATION THROUGH AI

JEFF MOFFA
President
2:10 p.m.—2:45 p.m.

WORKSHOP
DEVELOPMENT OF INTELLIGENT MANUAL MANUFACTURING
- The state of manual and smart manufacturing
- Effectively introducing Artificial intelligence for complex assembly
- How to use model systems to overcome data limitations

VADIM PINSKIY
VP, Research and Development

WORKSHOP
THE INNOVATION AND REGULATION CONUNDRUM
- Why the aerospace industry is trying to maximize production while being constrained by increasingly heavier regulations
  - Discussing health, safety and environmental norms
  - Quality Systems and Product/Process Approvals
- These regulations have a dual role, both fostering and hindering innovation
- Case study: Developing and introducing novel Aerospace metal working fluids

PATRICE SAJKIEWICZ
Global Director, Aerospace and Defense

WORKSHOP
DIGITAL TRANSFORMATION IN AEROSPACE AND DEFENSE: IDENTIFY AND EXECUTE KEY CONTRACTS IN A SECURE CLOUD ENVIRONMENT
- How cloud technology can drive success in aerospace and defense
- The key challenges impacting A&D manufacturers today
- Strategies for driving digital transformation in A&D
- Details on compliance risks such as NIST 800-171 and ITAR in the US
- How Infor’s government cloud ensures security and compliance
- A case study of digital transformation

ARSENIN RODRIGUEZ
VP, Solution Consulting

WORKSHOP
LEVERAGING INNOVATION TO INCREASE VISIBILITY AND RELIABILITY IN THE AEROSPACE AND DEFENSE SUPPLY CHAIN
- Understanding how the logistics supply chain operates today and how it is evolving
- Reviewing supply chain emerging trends
- Accelerating use of innovation to develop true supply chain excellence in a digital world
- Learning how to leverage partners to make sure you are moving forward

GINA CHUNG
Head, Innovation Americas
2:50 p.m.—3:25 p.m.

SUPPLY CHAIN
LEADING DEVELOPMENT AND DEPLOYMENT OF AN INTEGRATED ENGINEERING STRATEGY FOR PRATT & WHITNEY
- Developing and implementing future growth strategies driven by technical and competitive discriminators
- Taking a look at engineering module centers and partnering with operations leadership to provide engineering production support
- Creating a vision for culture and shift processes and systemic problem solving within engineering and on the shop floor
- Building group-wide engineering functional excellence and drive value streams from design to the customer

BEN REINERT
Chief Engineer, Hot Section Engineering

MANUFACTURING
STRONGER TOGETHER: A MODERN APPROACH TO TACKLING TODAY’S ADVANCED THREATS
- Managing technological and informational standards and process, best practices, and compliance for mission and systems development
- Transforming how security and IT can work better together to protect your organization
- Proactive approaches to the new DoD CMMC requirements
- Case study: Discussing the mounting threats China presents to the aerospace and defense industry, and what SNC is doing to combat them

ROBERT DAUGHERTY
VP, Security and Chief Security Officer, Interim VP, Information Technology and Chief Information Officer

QUALITY
FOSTERING A CULTURE OF QUALITY AND MISSION ASSURANCE WITHIN THE NEWSPACE INDUSTRY
- Managing the empowerment of employees
- Clarity and configuration management
- Navigating vendor vetting, procurement, and relationships
- Streamlining R&I, inventory, and production
- Integrating ERP
- Training and Continuous Improvement

SHEA FERRING
VP, Mission Assurance

TECHNOLOGY & ENGINEERING
BRINGING TOGETHER ENGINEERING TEAMS TO ACCELERATE DEVELOPMENT FOR UAVS
- Skunk Works® innovation and approach to enable rapid fielding of new technologies
- Advancing enabling technologies for autonomy
- How to create a collaborative space where engineers, students and researchers can work together across diverse locations
- Future outlook: Creating technologies that will define the next generation of unmanned aerial systems

JACOB JOHNSON
Director, ISR and UAS Programs

3:30 p.m.—4:50 p.m.

HAPPY HOUR, NETWORKING AND PRE-ARRANGED 1:2:1 MEETINGS
PLENARY
LEADING DYNAMIC SYSTEMS AND RAW MATERIAL PROCUREMENT IN STRATEGIC PROCUREMENT
• Defining short, medium and long-term strategies
• Developing a culture of collaboration with all key stakeholders to deliver the best value to customers and the company
• Rationalizing your supplier base and selection processes

ROD SKOTTY
President, Maritime Helicopter Support Company

5:35 p.m.—6:20 p.m.

PANEL
FINDING, KEEPING AND GROWING FUTURE LEADERS AND PROCESSES IN AEROSPACE AND DEFENSE
• How does your organization train and empower the next generation of leaders in the aerospace and defense industry?
• Discussing new technologies and collaborative business models to achieve greater speed to market and increased operational performance
• Utilizing people, processes and technologies to enable better decision-making
• Case study: Discussing the value of aerospace cybersecurity and how to train the next generation of leaders in the industry

KARMYN NORWOOD
VP, International Programs, Air Mobility and Maritime Missions (AMMM)

SATHISH MUTHUKRISHNAN
Chief Digital and Information Officer and Interim Chief Technology Officer, Honeywell

JUSTIN SIEBERT
Director, North America Region Operations

DANIEL BENSON
Economic Development Specialist, USA TODAY

MI-AL PARRISH
Former President, Lockheed Martin

6:20 p.m.—6:30 p.m.

MAYOR’S ADDRESS

JERRY WEIERS
Mayor

6:30 p.m.—7:40 p.m.

CHAIR’S CLOSING REMARKS

SUPPLY CHAIN CHAIR
DIANNE HOWELLS
VP, Aviation Systems, Leonardo DRS

MANUFACTURING CHAIR
KEITH YEATER
VP, Competitive Business Solutions

QUALITY CHAIR
JOHNNY GERKEN
Deputy Global Transitions Manager, Boeing

TECHNOLOGY & ENGINEERING CHAIR
DAVID BARNHART
Director, USC

6:40 p.m.—7:40 p.m.

NETWORKING DRINKS RECEPTION

SPONSORED BY:
THURSDAY, DECEMBER 12TH, 2019

7:00 am—8:00 am

NETWORKING BREAKFAST

WOMEN IN LEADERSHIP ROUNDTABLE

Enjoy breakfast refreshments and informal networking in the Exhibition Hall. We also invite our attendees to network at a Women in Leadership Roundtable with a discussion from inspirational leaders in the aerospace and defense industry. Seating is limited, so please sign up early.

JOHANNA GERKEN
Deputy Global Transitions Manager

BRENDA BOORDA
VP, Mission Assurance

DARLENE SMITH
VP and GM, Air Vehicles

PAISLEY MATTHEWS
Senior Director, Operations, Autonomous Systems and Phantom Works, Boeing Defense, Space and Security

DIANNE HOWELLS
VP, Aviation Systems

CINDY HOOVER
VP and Chief Engineer, Operations

8:05 am—8:15 am

BREAKFAST BRIEFS

LEVERAGING TECHNOLOGY TO DEAL WITH BUSINESS CHALLENGES IN THE AEROSPACE INDUSTRY

DAVID SUTTLE
Director, Business Development

MATT DODDS
Director, Business Development

BUILDING A QUALITY SUPPLY CHAIN

KURT NUSBAUM
VP, Quality Management Solutions

8:15 am—8:30 am

CHAIR’S OPENING REMARKS

SUPPLY CHAIN CHAIR
DIANNE HOWELLS
VP, Aviation Systems

MANUFACTURING CHAIR
KEITH YEATER
VP

QUALITY CHAIR
JOHANNA GERKEN
Deputy Global Transitions Manager

TECHNOLOGY & ENGINEERING CHAIR
DAVID BARNHART
Director
8:15 am—11:25 am

**KEYNOTE**

LEVERAGING THE PAST TO SHAPE THE FUTURE OF AEROSPACE AND DEFENSE

- Breaking barriers, broadening horizons, and realizing possibilities not yet imagined by integrating courageous innovation, unparalleled technology and meaningful partnerships
- Addressing the unique challenges to launch vehicles programs with regards to design, engineering, production and quality assurance
- How technologies within the aerospace and defense industry compare to technologies in the past
- Re-thinking the speed-to-market dilemma: partnership strategies for facility build, space sharing and co-control

CINDY NAFUS
VP, Production Operations and Supply Chain

8:50 am—9:25 am

**PLENARY**

EFFECTIVE LEADERSHIP STRATEGIES THAT DRIVE ENGAGEMENT FOR MILITARY SUSTAINMENT

- Navigating risk culture in an industry that thrives on innovation
- Creating a proactive environment for managing safety risk within the supply chain
- Improving product safety through risk identification and risk mitigation
- Using the LEADERSHIP model to grow future leaders in military sustainment operations
- Case study: A look at how Bell manages risk and fosters leadership to develop breakthrough innovations to deliver exceptional experiences to our customers

CHRIS SEYMOUR
VP, Military Sustainment

9:25 am—10:00 am

**PLENARY**

STRATEGY IN THE SUPPLY CHAIN: STRATEGIC RISK MANAGEMENT FROM CAPACITY TO PROCUREMENT

- How does supply chain strategy fit within your company's overall business strategy?
- Importance of understanding and assessing risk in the supply chain and developing a strategy to address key risks in the supply chain
- The value of improving quality and supply continuity by leveraging procurement and global sourcing

GERRY JANICKI
VP, Strategy

10:05 am—11:25 am

**REFRESHMENTS, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS**
11:30 p.m. — 12:05 p.m.

WORKSHOP

WHY IT'S NO LONGER "OUT WITH THE OLD AND IN WITH THE NEW": HOW EFFECTIVE KNOWLEDGE TRANSFER ACROSS GENERATIONS CAN TRANSFORM YOUR BOTTOM LINE

- Ensuring that tacit and knowledge is passed from senior employees to green hires
- Assisting in knowledge transfer and eliminating the knowledge gap as a cost-effective HR solution
- Designing your teams and challenging new hires to be where they need to be
- How TPT uses retirees and senior leadership to create the most well-developed, well-rounded engineers in the business

KARI TORKKO
VP, Recruiting

RYAN HANSINGER
VP, Operations

WORKSHOP

GETTING READY FOR INDUSTRY 4.0: AN ACTIVE GUIDE TO PLANT MODERNIZATION

- How to prioritize the most important upgrades, giving you an introduction to a number of automation technologies and crucial considerations
- How modernizing your plant prepares your operations for the future
- Creating a realistic automation roadmap that ensures efficiency and sustainability on your terms

RYAN WASMUND
Director, Sales and Marketing

WORKSHOP

IMPROVING ON-TIME DELIVERY: IT'S NOT ABOUT SCHEDULING

- Learn why traditional production scheduling tools and methods are not helping you deliver to your customer on-time
- Change your thinking of how operations should be run with these 3 concepts
- See how to apply these concepts today to quickly gain visibility and control of your manufacturing operations to know:
  - What work order is most important to be worked on right now?
  - Where is the job and how is it progressing?
  - How can I tell my customer—with confidence—when she will get her order?

MARK LILLY
President and CEO

WORKSHOP

IMPROVING THE ECONOMICS OF SAFETY- CRITICAL ENGINEERED SOLUTIONS USING AGILE AND LEAN PRACTICES

- Presenting the economic view of the value of agile and lean practices
- Equipping leaders with a perspective to evaluate opportunities for change in ways of working
- Focus on complex systems engineering and regulated solutions
- Examining real-world examples of improved value delivery

SAMIT MEHTA
Senior Solutions Consultant
12:10 p.m.—12:45 p.m.

SUPPLY CHAIN

STRATEGY IN THE SUPPLY CHAIN: STRATEGIC RISK MANAGEMENT FROM CAPACITY TO PROCUREMENT
- Building and maintaining resilient supply chains and cybersecurity processes
- Examining how the Internet of Things, Artificial Intelligence, Cloud and other technologies are converging to enable continuous learning cycles in their operations
- Navigating the intersection of cybersecurity and workforce development and training - now and for the future

TONY PAPKE
Director, Business Development

12:50 p.m.—1:25 p.m.

WORKSHOP

AEROSPACE "FUTURE FACTORIES": LARGE SCALE COMPONENTS AND ASSEMBLIES MANUFACTURING
- Creating and managing controlled environments and critical tolerances
- How to implement and utilize additive manufacturing and automation
- Discussing the value of multi-program flexibility and adaptability

KEN STONE
VP, Project Executive

RUSTY COLEMAN
VP, Digital Transformation

DANIEL WEIGANDT
Director, Aviation and Defense Aerospace Programs

12:10 p.m.—12:45 p.m.

MANUFACTURING

AEROSPACE 4.0: INITIATING AND IMPLEMENTING SMART MANUFACTURING FOR AEROSPACE AND DEFENSE
- Advancing smart manufacturing for aerospace and defense production
- Moving from traditional manufacturing processes to digitization on the shop floor
- Using smart manufacturing on Lean tools
- Maintaining digitization as a strong competitive advantage in manufacturing for 2019-2020

HICHAM WAZNI
Director, Manufacturing Excellence and Smart Manufacturing

12:50 p.m.—1:25 p.m.

WORKSHOP

CARS CAN'T FLY
- Oftentimes, the best ideas come from outside your industry – learn from the Automotive Industry's success
- Explore sensor-based science and its effect on reducing costs, increasing productivity and producing an ROI in 6 months
- Discover if the accuracy of your data is holding you back from advanced automation
- Learn how the strength of a community enables end-to-end supply chain visibility

STEPHEN VALL
Industrial Markets and Analytics Executive

12:50 p.m.—1:25 p.m.

WORKSHOP

CURRENT STATE: THE AEROSPACE AND DEFENSE DIGITAL SUPPLY CHAIN AND SMART FACTORY
- The A&D Digital Supply Chain and Smart Factory are evolving quickly (with or without you)
- The benefits are HUGE
- What it looks like and what problems it solves
- How to get going correctly
- Critical considerations

JOHN RASSIEUR
Managing Partner, Digital Integrated Solutions

12:50 p.m.—1:25 p.m.

WORKSHOP

OVERCOMING DIGITAL DREAD WITH A DIGITAL THREAD
- Transform and light up your value chain by tying processes and data sources together
- Learn proven practical ideas to help you accelerate and coordinate a Digital Thread across the design, manufacture and service domains
- Come away with valuable insights that help start the conversation in your organization

ROBERT MILLER
Managing Partner, Digital Integrated Solutions
<table>
<thead>
<tr>
<th>Time</th>
<th>Discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 p.m.—2:30 p.m.</td>
<td><strong>LUNCH &amp; LEARN ROUND-TABLE DISCUSSIONS</strong></td>
</tr>
<tr>
<td></td>
<td>DISCUSSING AND APPLYING SYSTEMS THINKING FOR YOUR ORGANIZATION</td>
</tr>
<tr>
<td></td>
<td>ALEX OLMEDO</td>
</tr>
<tr>
<td></td>
<td>Senior Director, Central Quality</td>
</tr>
<tr>
<td></td>
<td>SHAPING THE FUTURE OF AEROSPACE THROUGH ENGINEERING INNOVATIONS AND DEVELOPMENT</td>
</tr>
<tr>
<td></td>
<td>CHRIS BESKAR</td>
</tr>
<tr>
<td></td>
<td>Founder and CEO</td>
</tr>
<tr>
<td></td>
<td>DRIVING AUTOMATION AND DEVELOPMENTAL ENGINEERING THROUGH NEW TECHNOLOGY</td>
</tr>
<tr>
<td></td>
<td>BILL FLOOD</td>
</tr>
<tr>
<td></td>
<td>VP, Engineering</td>
</tr>
<tr>
<td></td>
<td>DISCUSSING THE FUTURE OF SAFE UNMANNED AIRCRAFT</td>
</tr>
<tr>
<td></td>
<td>ALEXANDER HARMSEN</td>
</tr>
<tr>
<td></td>
<td>CEO and Co-Founder</td>
</tr>
<tr>
<td></td>
<td>CREATING THE FUTURE OF SMALL SATELLITE AIR-LAUNCHER DEVELOPMENT AND PRODUCTION</td>
</tr>
<tr>
<td></td>
<td>TOM TRAPP</td>
</tr>
<tr>
<td></td>
<td>Senior Director, Mojave Operations</td>
</tr>
<tr>
<td></td>
<td>SUCCESION PLANNING: SUPPORTING, PROMOTING AND INSPIRING WOMEN IN AEROSPACE AND DEFENSE</td>
</tr>
<tr>
<td></td>
<td>PAISLEY MATTHEWS</td>
</tr>
<tr>
<td></td>
<td>Senior Director, Operations, Autonomous Systems and Phantom Works, Boeing Defense, Space and Security</td>
</tr>
<tr>
<td></td>
<td>QUALITY’S ROLE IN COST REDUCTIONS</td>
</tr>
<tr>
<td></td>
<td>AMY COHEN</td>
</tr>
<tr>
<td></td>
<td>VP, Quality and Mission Assurance</td>
</tr>
<tr>
<td></td>
<td>MANAGING DIVERSITY AND INCLUSION</td>
</tr>
<tr>
<td></td>
<td>TIFFANY NESBIT</td>
</tr>
<tr>
<td></td>
<td>VP, Engineering</td>
</tr>
</tbody>
</table>
2:35 p.m.—3:10 p.m.

**SUPPLY CHAIN**

**MITIGATING SUPPLY CHAIN DISRUPTION: ADDRESSING BACKLOG WITHIN THE INDUSTRY**
- Discussing backlog and demand challenges within the industry
- Collaboration strategies within the supply chain, and how to drive tangible change
- How collaboration throughout all aspects of the supply chain can increase quality and efficiency at the end of the day

**MANUFACTURING**

**DRIVING AEROSPACE IMPROVEMENT INITIATIVES TO YIELD BUSINESS RESULTS**
- Investing in a global business model and driving sites to leverage a strategy for optimum performance
- Establishing common practices and measures of maturity across operations, program management, and supply chain functions
- The importance of people and culture in driving significant change across the business

**QUALITY**

**THE IMPORTANCE OF STATE/FEDERAL GOVERNMENT RELATIONS TO IMPROVE OPERATIONS, STRENGTHEN SUPPLY CHAIN**
- State/Federal Relation: Roles and Jurisdictions
- How to Engage Your State/Federal Government Officials and Who to Address
- Discussing how to educate and train current aerospace professionals to improve operations and strengthen your workforce

**TECHNOLOGY & ENGINEERING**

**AN ANALOG COMPANY GOING DIGITAL: THE DIGITAL TRANSFORMATION OF DATA**
- The vision, change is critical to remain competitive. Data is everywhere
- Data Roadmap and a sound strategy are key to a successful implementation and payback
- Case study: Digital Transformation in operations, the road to better utilization of data

2:35 p.m.—3:10 p.m.

**TANYA SALEH**
Director, Supply Chain

**GARY CLINTON**
VP, Program Management

3:15 p.m.—3:50 p.m.

**FIRESIDE CHAT**

**TRANSFORMING TO A LIVE ENTERPRISE**
- Enhancing product design to accelerate production to meet delivery schedules
- Adopting practices to ensure sustainable operations for now and for the future
- Ensuring and utilizing smart manufacturing
- How to streamline product lifecycle management and supply chain management
- Case study: Developing the next-generation of 'connected' aircraft

**RAKESH BABU GOLLAPALLI**
VP, Aerospace and Defense

3:15 p.m.—3:50 p.m.

**ROSS GARELICK**
Executive Director

**ALAN TAKAHASHI**
VP and General Manager

3:35 p.m.—4:10 p.m.

**TECHNOLOGY & ENGINEERING**

**AN ANALOG COMPANY GOING DIGITAL: THE DIGITAL TRANSFORMATION OF DATA**
- The vision, change is critical to remain competitive. Data is everywhere
- Data Roadmap and a sound strategy are key to a successful implementation and payback
- Case study: Digital Transformation in operations, the road to better utilization of data

3:35 p.m.—4:10 p.m.

**DAVID WALKER**
Former CTO, Spirit AeroSystems,
3:55 p.m.—4:30 p.m.

PANEL DISCUSSION
TALENT ACQUISITION AND RETENTION: ADDRESSING THE AEROSPACE SKILLS GAP

- Supporting your teams with clear leadership, vision, and training
- Overcoming the skills gap and getting creative in recruitment and training
- Developing a pipeline of diverse talent and leading teams to maintain progress made
- Techniques for creating a culture of collaboration and innovation
- Attracting the next generation through additive manufacturing, machine learning, blockchain and smart automation

TIFFANY NESBIT
VP, Engineering

CONN DOHERTY
Senior Director, Future Aircraft Systems and Technology

COLONEL SHAWN MCCAMISH
Commander

DAVID BARNHART
Director

HAL RAINES
Head, Operations, Quality and HSE

MARC ST-HILAIRE
VP, Sales, North America

4:35 p.m.—4:45 p.m.

CHAIR’S CONCLUDING REMARKS AND DELEGATE SURVEY PRIZE DRAW

DIANNE HOWELLS
VP, Aviation Systems

KEITH YEATER
VP

JOHANNA GERKEN
Deputy Global Transitions Manager

DAVID BARNHART
Director

SUPPLY CHAIN CHAIR
MANUFACTURING CHAIR
QUALITY CHAIR
TECHNOLOGY & ENGINEERING CHAIR

KEITH YEATER
VP

JOHANNA GERKEN
Deputy Global Transitions Manager

DAVID BARNHART
Director