



AMERICAN AEROSPACE & DEFENSE SUMMIT 2022

DECEMBER 7-8, 2022

aadsummit.com

TOMORROW'S CONNECTION TODAY

Designing a new future for manufacturing, quality and supply chain leaders

☎ +1-416-298-7005

✉ info@generisgp.com

PROGRAM

PROGRAM • DAY 1

DECEMBER 7, 2022

* JOIN US FOR THE PRE-EVENT HAPPY HOUR ON DECEMBER 6, 2022 FROM 6:00 PM – 7:00 PM

7:00 am – 7:55 am MST

DELEGATE REGISTRATION AND NETWORKING BREAKFAST

8:00 am – 8:10 am MST

CHAIR'S WELCOME AND OPENING REMARKS

SUPPLY CHAIN



GERRY JANICKI
VP, Strategy
Meggitt Defense Systems

MANUFACTURING & ENGINEERING



CONN DOHERTY
VP, Future Aircraft Systems and
Technology
Raytheon Intelligence & Space

QUALITY



JOANNE RAPUANO
Senior Counsel, Global Trade and
Compliance
Safran USA

8:10 am – 8:45 am MST

OPENING KEYNOTE



LTG DAVID BASSETT
Director
Defense Contract Management Agency (DCMA)

EMPOWERING TACTICAL MODERNIZATION ACROSS THE DEFENSE INDUSTRY

- Discussing current strategies and objectives at the DCMA
- Providing acquisition insight supporting affordability and readiness
- Meeting performance requirements at the right cost and time
- Supporting the Army's tactical network through critical modernization techniques
- Case study: How the Mentor-Protégé Program enables both small and large businesses fill unique niches and develop technical capabilities

8:45 am – 9:20 am MST

PLENARY



AMANDA SIMPSON
VP, Research and Technology
Airbus Americas

PIVOTING POST PANDEMIC: HOW EFFICIENCY AND SUSTAINABILITY CAN REBUILD AIR TRAVEL

- Bringing a focus back on sustainability: discussing the latest trends and innovations we're leveraging
- Analyzing the benefits of strategic partnerships and how they foster innovation
- How hydrogen-fuelled engines can become the future of fuel
- Case study: How sustainable and efficient jets can become the future of air travel in a post-pandemic world

PLENARY



TIM WHITE
Aerospace and Defense Industry Principal
Interos

DOD AND THE DEFENSE INDUSTRIAL BASE: MITIGATING RISK AND DELIVERING RESILIENCY IN PHYSICAL AND DIGITAL SUPPLY CHAINS

- Reviewing DoD initiatives for the advancement of domestic suppliers
- How these initiatives will influence the entire supply chain
- Establishing competitive advantage on the battlefield and within organizations that serve the warfighter by building trustworthy supply chain networks
- Current policy changes and their impacts
- Discussing the respective roles of government and industry in establishing resilient supply chains

10:00 am – 11:40 am MST

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

11:45 am – 12:20 pm MST

SESSIONS

SUPPLY CHAIN



GREG MCDAVID
VP, Strategic Sourcing
Honeywell Aerospace

EMPOWERING OUR SUPPLY CHAIN AND CAPITALIZING ON THE RETURN OF AIR TRAVEL

- What does it mean to maintain a resilient supply chain?
- Building on a backlog and preparing for the future of travel
- Motivating our supply chain to achieve excellence
- Engaging with suppliers to mitigate business environmental, social and governance (ESG) risks, improve sustainable product performance and reduce inefficiencies in our operations

MANUFACTURING & ENGINEERING



PAUL KOETHER
Director, Joint All Domain Operations
Lockheed Martin

USING AI TO MAXIMIZE SAFETY, PERFORMANCE, AND SITUATIONAL AWARENESS

- Analyzing the current state of AI in the industry
- Detailing a roadmap on deploying AI successfully
- Discussing how aerospace and defense companies can leverage the capabilities of AI
- Case Study: How Lockheed Martin is working to advance trusted technologies, with examples from the Lockheed Martin Space portfolio

QUALITY



MARISELA REYES
VP, Total Quality, Boeing Defense, Space and Security
The Boeing Company

DRIVING QUALITY EXCELLENCE AND ADOPTING STANDARDIZED BEST PRACTICES ACROSS THE ORGANIZATION

- Discussing driving quality excellence and adopting best standardized practices across the organization
- Highlighting effective supplier quality strategy elements, as well as fundamentals that must be in place, to realistically reduce risk, increase cost savings, and improve supplier quality
- Using lean manufacturing and value streams that lead to opportunities to cut costs and increase efficiency
- Case study: How Boeing is using the One Boeing Production System to foster a culture of quality and excellence

WORKSHOPS

SUPPLY CHAIN



TIM ROMLEY
Solution Engineer
iBASEt

THE HIDDEN COSTS OF PAPER: HOW ARE THEY CRIPPLING MODERN MANUFACTURING?

- Makes every worker more productive and connected, from one corner of your factory to the other
- Provides Shopfloor Technicians access to quick, easy, and mistake-proof work instructions
- Provides Plant Managers with better visibility to their operations
- Helps Executives improve profits

MANUFACTURING & ENGINEERING



SEAN FRANCOZ
Director, Product Management
Virtek Vision

CREATING EFFICIENCIES AND FLEXIBILITY IN MANUFACTURING WITH LASER TECHNOLOGY

- Meeting accuracy and precision requirements needed in complex manufacturing
- Creating flexible workcell configurations with mobile workstations
- Increasing efficiency and productivity without sacrificing quality
- Making manufacturing processes more accessible and easy to understand
- The power of vision and laser-based solutions create efficiencies to bridge the skills gap

QUALITY



RAJ SHANKAR
VP, Digital Transformation and GTM
Salesforce



DAVID GRUENBERG
Lead Solution Engineer, Aerospace and Defense
Salesforce

HARMONIZING BUSINESS AND MANUFACTURING SYSTEMS FOR BETTER COLLABORATION AND STRONGER CUSTOMER RELATIONSHIPS

- Delivering connected sales and service capabilities with greater revenue, profitability, and improved productivity
- Deploying a digital value chain across the value lifecycle to increase agility and resilience
- Create a connected ecosystem with suppliers and partners to manage supplier performance and risk

1:05 pm – 2:05 pm MST

LUNCH & LEARN ROUNDTABLE DISCUSSIONS AND OPEN SEATING LUNCH

Benefit from additional learning by joining a moderated roundtable discussion on pressing issues in the industry. Registration is required, and attendance for moderated roundtables on Day 1 is limited to attendees and speakers. Choose from:



MAHESH VINAYAGAM
CEO
qBotica

UTILIZING AUTOMATION AS A SERVICE THAT ENABLES AND EMPOWERS YOUR FINANCE, ACCOUNTING, ORDER PROCESSING, AND SUPPLY CHAIN PROCESSES



ROBERT WARREN BEAN
Director, Business Development
Kubotek3D

SUPPLY CHAIN SYNCHRONIZATION OF CRITICAL PRODUCT DEFINITION DATA



JEFF EVERNHAM
VP, Product Strategy
Sinequa

HOW THE SEARCH CLOUD CAN CONNECT YOUR ORGANIZATION



JEFFREY GARRETT
Value Advisory Director, SAP Intelligent Spend and Business Network
SAP Ariba

SUPPLY CHAIN RESILIENCE: IS SUPPLY CHAIN DRIVING TO RESULTS OR DRIVING YOU CRAZY?



DR. JACOB NUECHTERLEIN
President and Founder
Elementum 3D

3D PRINTING AEROSPACE GRADE ALLOYS



MANDY GALAXIA
Customer Success Manager
Covalent Networks

ACCELERATING THE DEVELOPMENT OF TECHNICAL CAPABILITIES



KEITH YEATER
Vice President
Competitive Business Solutions

BLENDING E-LEARNING WITH IN-PERSON TRAINING DESIGNED FOR TODAY'S EVER CHANGING WORK ENVIRONMENT



PAUL FONTAINE
Director of Operations
The Productivity Team

ASSET MANAGEMENT AND TLM TOOL LIFE CYCLE MANAGEMENT

2:10 pm – 2:45 pm MST

PLENARY



ANDREW BOYLE
Business Consultant
Kinaxis

REVOLUTIONIZING YOUR SUPPLY CHAIN AND DELIVERING AGILITY

- Evolving past siloed planning techniques to foster great collaboration
- Achieve end-to-end visibility to respond quickly to disruptions and plan with agility
- Manage complexity of BOMs and adapt to shifting demand and limited supply to best deliver on-time, in full
- Streamlining processes with automation to better allocate resources to focus on emerging challenges

2:50 pm – 3:25 pm MST

SESSIONS

SUPPLY CHAIN



ALAN YOUNG
CPO and VP, Fabrication
Spirit Aerosystems

CURRENT STRATEGIES IMPROVING SUPPLY CHAIN PERFORMANCE, OPERATIONS, AND LOGISTICS

- How have we dealt with the supply constraints in a time of demand and backlogs?
- Further developing key strategies and tools that are building more sustainable operations and logistics
- Working with external partners and suppliers to continuously push material and product innovation
- Exploring key technologies, digital tools, and supply chain integration systems that are continuously optimizing day-to-day logistics
- How has the COVID-19 pandemic altered traditional supply chain practices, and what are some key takeaways to building stronger processes for the future?

MANUFACTURING & ENGINEERING



JACKIE SCHMOLL
VP, Requirements and Capabilities,
Space and C2 Systems
Raytheon Technologies

SHOOTING FOR THE STARS: DEVELOPING AN ACCESSIBLE SPACE ENVIRONMENT

- Developing strategies to make space more accessible and affordable
- Analyzing and leveraging data from Earth and space to stay agile and disruptive in a fast changing industry
- Preparing for and protecting major LEO (Low Earth Orbit) constellations
- Case Study: Discussing how Raytheon is partnering with non-traditional companies to integrate the best commercial software into existing defense systems

QUALITY



JOHN SCHNEIDER
VP, Quality
Aerojet Rocketdyne

TRANSFORMING QUALITY CULTURE WHILE ENABLING LEAN DEVELOPMENT

- How Aerojet Rocketdyne instills a culture of continuous improvement
- Adapting Advanced Product Quality Planning to transform Aerojet Rocketdyne
- Addressing the impact of common cause variation in a low volume / mixed model business
- Unifying and updating processes to stay agile in a fast changing environment
- Case Study: How adapting APQP has yielded results for Aerojet Rocketdyne

3:30 pm – 4:50 pm MST

HAPPY HOUR, NETWORKING AND PRE-ARRANGED 1-2-1 MEETINGS

4:55 pm – 5:30 pm MST

PLENARY



JEFF EVERNHAM
VP, Product Strategy
Sinequa

ANALYZING THE PROVEN BENEFITS OF AN INFORMED ORGANIZATION

- How cloud computing connects data and content meaningfully
- Empowering workers to find relevant information and insights quickly, easily, and consistently
- Why a complete and coherent enterprise search platform is more than the sum of its parts

5:35 pm – 6:20 pm MST

CLOSING KEYNOTE



RANDA MILLIRON
CEO and Co-Founder
Interorbital Systems



RODERICK MILLIRON
CTO and Co-Founder
Interorbital Systems

THE FUTURE OF DEFENSE: LOOKING AT HOW SMALL SATELLITES AND LAUNCHERS CAN SHIFT THE INDUSTRY

- Manufacturing small, cost effective rockets that can be launched from anywhere
- How Interorbital's launch vehicles allow for agile responses to threats
- Discussing our methodology for designing rockets and looking at the future of launches
- Case Study: How Interorbital Systems' is working to launch small satellite constellations to be more resilient and cost effective in space

6:25 pm – 6:30 pm MST

CHAIR'S CLOSING REMARKS

SUPPLY CHAIN



GERRY JANICKI
VP, Strategy
Meggitt Defense Systems

MANUFACTURING & ENGINEERING



CONN DOHERTY
VP, Future Aircraft Systems and
Technology
Raytheon Intelligence & Space

QUALITY



JOANNE RAPUANO
Senior Counsel, Global Trade and
Compliance
Safran USA

6:25 pm – 7:25 pm MST

NETWORKING DRINKS RECEPTION

PROGRAM • DAY 2

DECEMBER 8, 2022

7:00 am – 8:00 am MST

EMPOWER HOUR



ANNABEL FLORES

Chief Operating Officer, Global Spectrum Dominance
Raytheon Intelligence & Space



GAYLIA CAMPBELL

VP, Engineering and Technology, Missiles and Fire Control
Lockheed Martin



KIRAN DUBEY

VP, Supply Chain
BAE Systems



PENNY WHITE

VP, Supply Chain, Defense, Space, & Security
The Boeing Company

WOMEN IN LEADERSHIP ROUNDTABLE

- What's one leadership lesson you've learned in your career?
- As a leader, what has been the most significant barrier in your career?
- How do you and your organization empower the next generation of skilled professionals?
- What is the best piece of advice you've received from leadership?
- What advice would you give to the next generation of leaders

BREAKFAST BRIEFS



DAVID NEDOHIN

Chief Customer Officer and Co-Founder
Scope AR

AUGMENTED REALITY AND THE DIGITAL THREAD: WHY AEROSPACE AND WHY NOW

8:00 am – 8:10 am MST

CHAIR'S WELCOME AND OPENING REMARKS

SUPPLY CHAIN



GERRY JANICKI

VP, Strategy
Meggitt Defense Systems

MANUFACTURING & ENGINEERING



CONN DOHERTY

VP, Future Aircraft Systems and Technology
Raytheon Intelligence & Space

QUALITY



JOANNE RAPUANO

Senior Counsel, Global Trade and Compliance
Safran USA

8:10 am – 8:45 am MST

OPENING KEYNOTE



PETER LENGYEL

President and CEO
Safran USA

BUILDING A RESILIENT OPERATIONAL WORKFORCE THROUGH SPECIALIZED, TALENT-FOCUSED PROGRAMS

- Exploring current realities and future challenges of attracting and retaining the next generation of aerospace talent
- Looking into Safran's goals of bolstering ties with local universities
- How has the pandemic impacted these programs and how does this affect Safran, as well as the future development of the next generation?
- Discussing the importance of investing in younger talent and supporting next-generation professionals
- Why upkeeping health, safety, quality, and manufacturing standards across the operational enterprise are more important than ever before

8:45 am – 9:20 am MST

PLENARY



EDWARD HOFFMAN
President
Competitive Business Solutions

HOW TO LEVERAGE LEAN USING “INDUSTRY 4.0” TO IMPACT THE BOTTOM LINE BY CREATING TRANSPARENCY, PREDICTABILITY AND FLOW IN A HIGH MIX, LOW VOLUME AEROSPACE ENVIRONMENT

- How do you get started
- The unique characteristics of Aerospace production
- Why “traditional lean” has been challenging in Aerospace
- What are key strategies and approaches to unlock flow in high mix, low volume shops
- What bottom line results should you expect to achieve when applying these strategies

9:25 am – 10:00 am MST

KEYNOTE



MIKE WITT
VP and CSO
Northrop Grumman

EXPLORING THE SUSTAINABILITY OF AEROSPACE DESIGN, MANUFACTURING, AND SPACE CAPABILITIES

- Discussing how new technologies are changing the way in which we are approaching aerospace sustainability
- How are industry carbon emission targets inspiring the latest advancements?
- Through the looking glass: Updates on our zero-emission projects and alternative propulsion and energy sources
- Prioritizing partnerships as we enter research and development
- Case study: How satellite design, including servicing using the Mission Extension Vehicle, is fueling the future of space sustainability

10:05 am – 11:25 am MST

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

11:30 am – 12:05 pm MST

SESSIONS

SUPPLY CHAIN



LISA MORRIS
VP, Supply Chain
Virgin Galactic

TO THE STARS: DEFINING THE NEXT GENERATION OF SPACE TRAVEL

- Discussing Virgin Galactic’s plans for making space accessible
- Designing spacecraft with civilian passage & reusability in mind
- Working with suppliers to build the Delta-class spaceplanes
- Case study: How Virgin Galactic is working towards the target of 400 commercial flights per year

MANUFACTURING & ENGINEERING



MATT FALK
VP, Engineering
Orbital Insight

THE BENEFITS OF BIG DATA: HOW PROPER ANALYSIS LEADS TO SUCCESSFUL AND EFFICIENT PROGRAMS

- Discussing recent advancements in advanced technologies and space systems
- What goes into efficiently executing and creating successful development programs
- Discussing the importance of real time information with GEOINT systems
- Filtering and analyzing big data to stay a step ahead in time critical situations
- Case Study: How we are developing ground breaking analytics software to maximize data used from satellites using machine learning and AI

QUALITY



BRIAN STROBEL
VP, Quality and Operational Excellence
Sierra Nevada Corporation

CLOSING THE LOOP: ANALYZING THE IMPORTANCE OF CONTINUOUS IMPROVEMENT IN QUALITY

- Establishing vision, direction, and quality strategy for mission success
- Discussing key quality initiatives and how they translate into success
- Why continuous improvement is critical to reducing risk and staying agile
- How developing new technologies, tools and methodologies leads to improved workflow, improved quality and reduced costs

12:10 pm – 12:45 pm MST

PLENARY



PAUL FONTAINE
Director of Operations
The Productivity Team

NEW CHALLENGES DRIVE A RENEWED FOCUS ON OPERATIONAL EXCELLENCE

- Discussing current talent shortages and how we're optimizing today's hiring practices
- Improving existing processes to improve productivity, reduce costs, and increase profits
- Building efficiency into the base of every modern aerospace manufacturing facility, while offering better quality products

12:50 pm – 1:50 pm MST

LUNCH & LEARN ROUNDTABLE DISCUSSIONS AND OPEN SEATING LUNCH

Benefit from additional learning by joining a moderated roundtable discussion on pressing issues in the industry. Registration is required, and attendance for moderated roundtables on Day 2 is limited, but open and available to all. Choose from:



KATHLEEN JOLIVETTE
VP, Attack Helicopter Programs
The Boeing Company



MATTHEW LASZEWSKI
Sr Director, Research and Development
Elbit Systems of America



CINDY HOOVER
VP and Chief Engineer, Operations
Spirit AeroSystems

HOW DOES YOUR ORGANIZATION BUILD DIVERSITY AND INCLUSION INTO ITS STRUCTURE



DEBBIE MCKENNA
Vice President, Engineering, Payload and Ground Systems, Space Systems
Northrop Grumman

TECHNOLOGY, TRANSFER, AND PROTECTION: AEROSPACE & DEFENSE IN AN INTERNATIONAL MARKETPLACE



ROBERT KEANE, III
CEO
Velontra

UTILIZING TECHNOLOGY TO OPTIMIZE QUALITY: STAYING AGILE IN A CONTINUOUSLY CHANGING ENVIRONMENT



JOANNE RAPUANO
Senior Counsel, Global Trade and Compliance
Safran USA

HOW TO ADVANCE YOUR CAREER IN THE AEROSPACE & DEFENSE INDUSTRY

KICKSTARTING YOUR AEROSPACE START-UP: LESSONS FROM THE GROUND UP

COMMUNICATING THE IMPORTANCE AND IMPACT OF ETHICS IN AEROSPACE

1:55 pm – 2:30 pm MST

PLENARY



ANNABEL FLORES
Chief Operating Officer, Global Spectrum Dominance
Raytheon Intelligence & Space

INSPIRING THE NEXT GENERATION OF AEROSPACE LEADERS

- Discussing the impact of the education, outreach, and training programs on the future of the aerospace and defense industry
- No job too small: analyzing the contributions of every role to the greater good
- Analyzing leadership strategies to emphasize the importance of your workers and work with them on their future
- Case study: How is Raytheon working to boost the STEM pipeline by working with younger talent to empower them

2:30 pm – 3:30 pm MST

EMPOWER HOUR



RHOM ERSKINE
VP, Global Diversity and Inclusion
Lockheed Martin



DEBBIE MCKENNA
Vice President, Engineering, Payload and Ground Systems, Space Systems
Northrop Grumman



NEELA RAJENDRA
Chief Diversity, Equity and Inclusion Officer
NASA



MARISELA REYES
VP, Total Quality, Boeing Defense, Space and Security
The Boeing Company

DIVERSITY AND INCLUSION ROUNDTABLE

- How do you define diversity and inclusion in an ever-changing work environment?
- Where are we now and where is the conversation headed?
- How does your organization build diversity and inclusion into its structure?
- What can you do in your career and organization to continue to improve?

3:30 pm – 4:05 pm MST

PANEL DISCUSSION



CINDY HOOVER
VP, Defense and Space Engineering, Research and Technology and Core Engineering
Spirit AeroSystems



JAY PATEL
VP, Programs
Northrop Grumman



LTG DAVID BASSETT
Director
Defense Contract Management Agency (DCMA)



JOANNE RAPUANO
Senior Counsel, Global Trade and Compliance
Safran USA

FORECASTING FUTURE TRENDS TO OPTIMIZE AEROSPACE AND DEFENSE RESILIENCY

- Adapting and synthesizing developments across military and commercial sectors
- Dealing with international geopolitical intervention in space
- Developing next generation supply chain solutions for security and resiliency
- Incentivizing onshore chip production and preparing for shortages
- Case study: How investing in cybersecurity, both monitoring and prevention, and sharing information with collaborators maximizes protection

4:05 pm – 4:15 pm MST

CHAIR'S CLOSING REMARKS AND SURVEY PRIZE GIVEAWAY

SUPPLY CHAIN



GERRY JANICKI
VP, Strategy
Meggitt Defense Systems

MANUFACTURING & ENGINEERING



CONN DOHERTY
VP, Future Aircraft Systems and Technology
Raytheon Intelligence & Space

QUALITY



JOANNE RAPUANO
Senior Counsel, Global Trade and Compliance
Safran USA