

WORKSHOP PROGRAM - Wednesday – March 13th

Navigating the Clouds: What Aircraft Design and IT Strategy Should Have in Common

10:00am -10:30am, Wednesday – March 13th

Matthew Cordner, Principal Aerospace & Defense Business Architect, HCLTech

As many A&D companies look to digital transformation and Industry 4.0 to achieve exponential gains in business outcomes, they will need to understand how to gather real-time insights, make decisions and react quickly to changing dynamics within their entire ecosystem, much the same way modern aircraft systems operate. The well-known and extensively practiced processes used to design and optimize complex aircraft systems can be applied to the design of complex enterprise IT systems to ensure they are orchestrated for a single purpose: producing business value. Come and hear how HCLTech uses the Model Based Enterprise 2.0 to help Boeing produce IT systems as safe, productive, and user-friendly as Boeing aircraft.



Unveiling the Future: AI-NC Machining and the Resurgence of N.A. Manufacturing

10:30am – 11:00am, Wednesday – March 13th

Tanmay Aggarwal-Founder & CEO of Lambda Function

In the ever-evolving landscape of manufacturing, a revolutionary stride is emerging: the fusion of Artificial Intelligence with Numerical Control machining, heralding a new era of production excellence driven by AI-NC machining.

This workshop at ADSS 2024 will delve into this not-so-distant transformative future and its impact potential on N.A. manufacturing, offering an inspiring roadmap to tackle pressing manufacturing challenges while unlocking unprecedented opportunities.



Join us as we unravel the extraordinary potential of AI-NC machining, reshaping the manufacturing paradigm and catalyzing a transformative wave across industries

Aerospace Industry in Morocco – Boeing Sourcing Ecosystem

11:00am – 12:00pm, Wednesday – March 13th

Meryem KABBADJ - Head of Aerospace & electronics department - AMDIE

Wendy CRONIE - Senior director, Supply Chain Operations – Boeing

Morocco is developing its aerospace industry with the goal of becoming a global destination for world-class capabilities in 5 Tier 1 Communities—Structures, Systems, Interiors, Propulsion, and MRO—in the next 10 years.

We're building on a solid foundation of the 140 aerospace companies in-country, which have demonstrated capability, capacity, quality, cost, and low risk. In 2016, The kingdom of Morocco and the Boeing company signed a Memorandum of understanding (MoU) aiming to grow Boeing's sourcing activities in the country.



Disruptive leaps in Materials Sourcing thru AI & Digitalization

02:30 pm – 03:00 pm, Wednesday – March 13th

Dr.-Ing. Toni Ehrig, (PhD in AI), CTO, MoovinV Inc.

Material sourcing is one of the biggest challenges today, fighting against inflation, supply shortages, no stock availability, faltering markets, war and crisis. Material bans and embargos, legal and environmental restrictions and supply chain regulations even intensify these challenges. The speech will show how MoovinV helps its customers to utilize its software tools (e.g., JULIE) and integrated AI services to overcome these challenges and to even turn them into a competitive advantage. Finally we will chat out of the box, how to use the shown solutions in fully integrated and compliant Aerospace approval and sourcing processes.



We will cover the topics:

- Efficient fully digital processes for material sourcing to cut sourcing times down to a fraction
- Use of equivalent materials to get material from where it is globally available
- Use of AI to find the right time for material orders, to buy at the best availability and at the lowest cost

Navigating Generative AI: Potential, Possibilities and Challenges in Aerospace & Defense

03:00pm – 03:30pm, Wednesday – March 13th

Rajaneesh Kini, President & Chief Technology Officer, CYIENT

Join Cyient and its partners in deciphering the transformative landscape of Generative AI in Aerospace & Defense, explore the boundless opportunities, navigate the challenges, and embrace its potential to redefine the future with a dynamic intersection of technology and industry.



Buzzword to Bizcase: What does supply chain “resilience” really mean ?

04:00pm – 04:30pm, Wednesday – March 13th

Derek Baggerly, Strategic Advisor, Robot Morning

Resilience, visibility, transparency, sustainability, control towers, ecosystems, etc. Robot Morning’s Strategic Advisor, Derek Baggerly, will lead a discussion exploring the current supply chain buzzwords, what they really mean, and how to translate them into tangible action. Analyze new solutions and revisit the basics, along with best practices within the aerospace industry.



WORKSHOP PROGRAM - Thursday – March 14th

Time Sensitive Network (TSN)

10:00am – 10:30am, Thursday – March 14th

Harpreet Singh, Sr Vice President - Networking and Wi-Fi Engineering, VVDN Technologies
Mohit Saharan, Sr Manager - Hardware Engineering, VVDN Technologies

In aerospace applications, where precision is imperative, TSN's adherence to stringent standards ensures reliable, guaranteed data delivery with minimized jitter through precise time scheduling. This commitment to deterministic communication underlines the highest standards of accuracy and reliability of Aircraft Communication Networks. VVDN will talk about its paramount importance and its future in the Aerospace industry.



Wings of Resilience: Navigating the Nearshoring Era with Supply Chain Diversification

10:30am – 11:00am, Thursday – March 14th

Kurt Schmit, Consulting Director, Prodensa



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