

ITS Bremen Summit

23 February 2021

Draft conference programme

08:00-09:00 *Registration and morning coffee*

Introduction

09:00-09:05 Chairman's Welcome and Summit Commencement

09:05-09:15 Made in Bremen: Tradition Meets Innovation for Industry Success
A representative, City of Bremen - TBC

09:15-09:35 Future Industrial Systems in Aeronautics and Space
Gaby Soehner, *Manufacturing Engineering Technologies Research & Development Engineer, Airbus Operations GmbH*

Innovation and Technology: Facilitating Recovery and Driving Opportunity

09:35-10:15 Panel discussion: Recovery, Rebuilding and Growth Post-COVID 19
 - *Identifying strategic priorities post-Covid-19*
 - *Supply chain resilience as the key to recovery*
 - *Mitigating future risks and capturing business opportunities*
Yann Barbaux, *Chairman, Aerospace Valley*
Efe Egborge, *Global EHS Manager, Northrop Grumman Sperry Marine – TBC*

10:15-10:35 Understanding the Space Value Chain: Key Tools for Success
Goetz Von Broecker, *Key Account Manager German Aerospace & Defence Research Institutions and ESA Technology Programs, Airbus Defence & Space - TBC*

10:35-10:55 Ariane 6 at the Cutting Edge of Technology Innovations
Dr Jens Lassmann, *Flight Dynamics and Environment, ArianeGroup GmbH*

10:55-11:30 *Morning break*

11:30-11:50 Additive Manufacturing Trends in Aerospace
A representative BDLI/ DMRC

11:50-12:10 AI in Space
Matthias Biniok, *Leader MVP Team DACH, IBM*

Green Technologies: The Road to Cleaner Skies

- 12:00-12:40** Panel discussion: What is Green Manufacturing and How Can We Get There?
- *The importance of sustainable development to drive business opportunities*
- *Understanding green supply chain management*
- *Challenges and opportunities of implementing green practices*
- *Green vs. sustainable: using the right tools for your business*
- 12:40-14:00** **Lunch break**
- 14:00-14:20** 3D Printing for more Efficient Design and Production Possibilities
Dr Thomas Bielefeld, Senior Expert Additive Manufacturing, Premium AEROTEC - TBC
- 14:20-14:40** Combining Digital Developments and Innovative Technologies Towards a More Sustainable Future
Heiko Witte, Business Development Manager Digital, Rolls-Royce
- 14:40-15:20** Panel discussion: Planning for a More Electric World: A Critical Next Step for Aeronautics & Space
- *Investing in electric and hybrid technologies to make commercial aviation more sustainable, safer and quieter*
- *How is solar electric propulsion disrupting traditional spacecraft design, launch and operations?*
- *Developing critical technologies to extend the capacity of new missions*
- *How will electric power systems and architecture transform commercial aircraft?*
A representative BDLI/ DMRC
- 15:20-15:40** **Afternoon break**

Strengthening the Advanced Manufacturing Ecosystem

- 15:40-16:20** Panel discussion: Multi-Sector International Industry Collaboration to Inspire New Products
- *Why is collaboration between industries important for driving growth?*
- *How can partnerships between aviation and space sectors be successfully leveraged to promote new and innovative products and processes?*
Guido Schwartz, Strategy & Innovation Lead, Airbus Operations GmbH
David Pile, Regional Director - UK, Europe and MENA, Northrop Grumman
A representative, Alén Space – TBC
- 16:20-16:40** The Importance of Academic-Industrial Partnership for Long-Term Manufacturing Innovation and Success
Christoph Doerr, European Office Director, Innoteque

- 16:40-17:00** EcoMat Development Centre: Fostering Sustainability and Innovation in Advanced Materials
A representative, EcoMat - TBC
- 17:00-17:40** Panel Discussion: Building the Research and Innovation Network of the Future
- How are international programmes addressing global challenges and European industrial competitiveness?
- Cutting-edge R&D on the frontier of new concepts and solutions
- Talent development as a strategic growth factor for industry
Enrico Casale, Advanced Technology Operations – EU Programs & Research Network, Avio Aero
Mateusz Lentner, Operations Manager, Delft Aerospace Rocketry Engineering (DARE), Delft University
- 17:40** ***Conference close***

DRAFT