

ITS Bremen Summit

22 September 2020

Draft conference programme

Please note: speakers are not confirmed unless indicated

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

09:15-09:30 Bremen Innovation Cluster Strategy: Bringing the Space and Aeronautic Sectors into the Future

Aeronautics and Space Manufacturing: Overview of Technology Innovation

09:35-10:15 Panel Discussion: How are New Technologies Disrupting the Supply Chain?
- Impact of technologies such as AI, IoT, additive tech, advanced materials
- Will one technology be the big game-changer? Why?
- How is the rate of technological change impacting demands on suppliers?

10:15-10:35 Artificial Intelligence in Aerospace: Challenges and Opportunities

10:35-11:05 How Can Manufacturers Make Big Data Work for Their Needs?

11:05-11:20 *Morning break*

11:20-11:40 Additive Technology Driving Industrial Competitiveness

11:40-12:00 What is the Long-Term Sustainability of 3D Printing in Aerospace?

12:00-12:40 Panel discussion: Identifying Challenges and Opportunities for the Supply Chain with the Implementation of Innovative Technology

12:40-14:00 *Lunch break*

14:00-14:20 Past, Present and Future of Advanced Materials

14:20-14:40 New and Advanced Materials Inspiring Industry Innovation

14:40-15:20 Panel discussion: How is Manufacturing Technology adapting to support the production of Advanced Composites Materials?

15:20-15:40 *Afternoon break*

Understanding the Manufacturing Ecosystem

- 15:40-16:20** Panel discussion: Commercial Aviation and Space: Active Industry Collaboration to Inspire New Products
- Why is collaboration between industries important driving growth?
- How can partnerships between aviation and space sectors be successfully leveraged to promote new and innovative products and processes?
- 16:20-16:40** The Importance of Academic-Industrial Partnership for Long-Term Manufacturing Innovation and Success
- 16:40-17:00** EcoMat Development Centre: Fostering Innovation in Advanced Materials
- 17:00-17:40** Panel Discussion: Building the Research and Innovation Network of the Future
- How are programmes like Horizon Europe addressing global challenges and European industrial competitiveness?
- How is cutting-edge R&D on the frontier of new concepts and solutions?
- Talent development as a strategic growth factor
- 17:40** *Conference close*