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DAY 1 | TUESDAY | 19TH NOVEMBER

STAGE 1

KEYNOTE HOUR

10:00-10:30 **ADDITIVE MANUFACTURING IN INDUSTRIAL PRODUCTION**
Maximilian Meixlsperger | Head of Additive Manufacturing Metal | BMW Group

10:30-11:00 **HOW THE RAIL INDUSTRY CAN BENEFIT FROM ADDITIVE MANUFACTURING**
André Bialoscek | Head of Vehicle Physical Integration Hennigsdorf | Bombardier

11:00-11:15 **BREAK**

TRANSPORT

11:15-11:45 **AM ROLLOUT FOR AUDI SPORT AND NEXT LEVEL OF DESIGN AUTOMATION**
Waldemar Hirsch | Coordinator Additive Manufacturing | Audi Sport

11:45-12:15 **DEMONSTRATION OF CLOSED LOOP INSPECTION AND REPAIR USING LAYER TOPOGRAPHIC MAPPING WITH L-PBF**
David Maass | President | Flightware

12:15-13:15 **LUNCH HOUR**

13:15-13:45 **INNOVATIVE CONCEPT FOR ADDITIVE MANUFACTURING OF COMPLIANT MECHANISMS**
Lionel Kiener | Expert | CSEM

13:45-14:15 **NEW APPROACHES FOR JOINING 3D PRINTED METAL AND COMPOSITE HYBRID STRUCTURES**
Dr Eduardo Etzberger Feistauer | Development Engineer and Martin Hanisch | Development Engineer | Premium AEROTEC

14:15-14:30 **BREAK**

14:30-15:00 **ADDITIVE MANUFACTURING FOR OFFSHORE AND MARITIME APPLICATIONS**
Morten Bak | CTO | Mechatronics Innovation Lab

15:00-15:30 **DEVELOPMENT OF A DESIGN-TO-PRINT PHILOSOPHY FOCUSED ON ECONOMICAL EFFICIENCY**
Bastien Atger | R&T Pilot Seats Project Leader and Jean-Baptiste Devillers | R&T Metallic Parts & Additive Manufacturing Project Leader | STELIA Aerospace

15:30-16:00 **THE POTENTIAL OF ADDITIVE MANUFACTURING FOR THE AIRCRAFT CABIN**
Andreas Henneberg | Specialist New Manufacturing Technology, Research Cabin | Diehl Aviation



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DAY 2 | WEDNESDAY | 20TH NOVEMBER

STAGE 1

KEYNOTE HOUR SPONSORED BY **Carbon**

10:00-11:00 **CRACKING THE CODE: DIGITAL MANUFACTURING AT SCALE**
Garrett Getter | Product Manager of Saddles, Grips and Tapes | Specialized Bicycle Components Inc. and **Philip DeSimone** | Chief Customer Officer | Carbon Inc.

11:00-11:15 **BREAK**

HEALTHCARE

11:15-11:45 **ORTHOPEDIC TECHNOLOGY (O&P) 4.0: HAND CRAFT MEETS HIGHTECH**
Carsten Mönicke | Hub Development Manager Digital Fabrication and Personalized O&P | Ottobock

11:45-12:15 **COMPARISON OF DIFFERENT FFF PEEK PRINTER GENERATIONS AND NOZZLE SIZES FOR FFF PRINTED PEEK SPINAL CAGES**
Cemile Basgul | PhD Candidate | Drexel University

12:15-13:15 **LUNCH HOUR SPONSORED BY **Carbon****

13:15-13:45 **3D PRINTING IN HEALTHCARE; IT'S NOT A SCI-FI ISSUE; IT'S REALITY NOW**
Serafín García Navarro | Head of Design and Injection Moulding Department | AIMPLAS

13:45-14:15 **ADDITIVE MANUFACTURING OF SPARE AND FORMAT PARTS - DESIGN AND PERFORMANCE IMPROVEMENT**
Tatjana Popovic | Independent Expert Associate and Mechanical Engineer in Design and Manufacture Department | Hemofarm STADA

14:15-14:30 **BREAK**

14:30-15:00 **ADDITIVE MANUFACTURING STANDARDIZATION IN THE HEALTHCARE INDUSTRY**
Dr Khalid Rafi | Senior Lead, Additive Manufacturing Program Development | ASTM

15:00-15:30 **GROWING YOUR DENTAL BUSINESS WITH 3D PRINTING**
Stephan Kreimer | Master Dental Technician | Kreimer Dentallabor

15:30-16:00 **GLOBAL ADOPTION OF PATIENT-SPECIFIC IMPLANTS - RESEARCH THAT ADDRESSES THE CHALLENGES**
Alex Kingsbury | Industry Fellow - Additive Manufacturing | RMIT University



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DAY 3 | THURSDAY | 21ST NOVEMBER

STAGE 1

KEYNOTE HOUR

10:00-10:30	INDUSTRIAL CHALLENGES OF POLYMER AM MULTICOMPONENT PART PRODUCTION AT P&G DEVICES Franziska Kaut Process Engineer Polymer Technology P&G - Procter & Gamble
10:30-11:00	THE ADDITIVE RACE Christoph Hansen Head of Technical Development Sauber Engineering
11:00-11:15	BREAK

INDUSTRIAL CHALLENGES

11:15-11:45	THE VDI CONTRIBUTION TO INTERNATIONAL AM STANDARDS Erik Marquardt Technology and Society - VDI e.V The Association of German Engineers
11:45-12:15	THE ADDITIVE MANUFACTURING FACTORY OF THE FUTURE Dr Jürgen Bischoff Member of the Executive Board and Friedrich Bähr Additive Manufacturing Expert Agiplan Stuttgart
12:15-13:15	LUNCH HOUR
13:15-13:45	QUALIFICATION OF ADDITIVE COMPONENTS FOR AEROSPACE INDUSTRY Oliver Fletcher Additive Mfg. Qualification and EU Application Specialist Eaton
13:45-14:15	METAL AM TOTAL COST OF OWNERSHIP AND RISK MITIGATION THROUGH OPERATIONAL EXCELLENCE Maciej Tusz President and CEO Magnitude Innovations
14:15-14:30	BREAK
14:30-15:00	PRINTING FUNCTIONAL END PARTS FOR PACKAGING LINES TO INCREASE UPTIME AND FASTER TIME TO MARKET Marcus Schindler Head of Materials Management Gerhard Schubert
15:00-15:30	ALL QUALITY CONTROL – BUILD JOB MONITORING WITH NEAR-NET-SHAPE SPECIMENS Anne Rathje Additive Manufacturing Process Engineer Baker Hughes - A GE Company
15:30-16:00	EVALUATION OF A LOW-COST MATERIAL EXTRUSION PRINTER FOR INVESTMENT CASTING APPLICATIONS Tom Mueller President Mueller AMS



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DAY 4 | FRIDAY | 22ND NOVEMBER

STAGE 1

KEYNOTE HOUR

10:00-10:30	3D PRINTING AT MIELE Pia Gausemeier Head of Strategic Production Technology and Head of Information Technology - Plant Bielefeld Miele & Cie
10:30-11:00	RACE TO INNOVATE: METAL ADDITIVE MANUFACTURING FOR LIGHTWEIGHT, HIGHLY COMPLEX RACE BOAT STRUCTURES Mark Chisnell Technology Coordinator INEOS TEAM UK
11:00-11:15	BREAK

DESIGN AND INNOVATION

11:15-11:45	DESIGN AND ENGINEERING OF COMPLEX BUILDING ENVELOPES Holger Strauss Facade Specialist, Architect, Co-Founder Lithium Architects
11:45-12:15	DESIGNERS' HUGE ROLE IN THE UPTAKE OF AM Andrew Triantaphyllou Technical Specialist, ATFE Group MTC - The Manufacturing Technology Centre
12:15-13:15	LUNCH HOUR
13:15-13:45	DESIGN AND ANALYSIS OF 3D CONFORMAL LIGHTWEIGHT STRUCTURES BASED ON FINITE ELEMENT MESH Keun Park Professor Seoul National University of Science and Technology
13:45-14:15	3D PRINTING OF STRUCTURAL PEDESTRIAN BRIDGES Kees van IJselmuiden Structural Design Manager and Manager Digital Engineering Royal HaskoningDHV