

Tentative Program | Additive Manufacturing Meeting 2023



TUESDAY, 20 June 2023 (Day 1)

Opening of AMM 2023 (Conference Center, building H-14)

10³⁰ – 11³⁰ Registration & Coffee

Session 1 | Metal AM (Conference Center, building H-14)

11³⁰ – 11⁵⁰ Tomasz Kurzynowski, Wrocław University of Science and Technology & CAMT-FPC,
Research Activities of CAMT-FPC to Accelerate AM Implementation

11⁵⁰ – 12¹⁰ Małgorzata Maciąg, Collins Aerospace Wrocław,
Development of a Methodology for the Production of Aircraft Parts in 3D Printing Technology

12¹⁰ – 12³⁰ Ralf Frohwerk, SLM Solutions
Changing the Way the World Manufactures – Metal AM in Automotive

12³⁰ – 12⁵⁰ Bartosz Morończyk, AMAZEMET
Ultrasonic Atomization and Laser Powder Bed Fusion of Glass Forming Alloys

13⁰⁰ – 14¹⁵ Lunch

Session 2 | Polymer AM (Conference Center, building H-14)

14¹⁵ – 14³⁵ Soeren Griessbach, Fraunhofer IWU / GS Pro GmbH
Closed Material Loop for Lasersintering

14³⁵ – 14⁵⁵ Daniela Schob, Brandenburg University of Technology
Characterization and Modelling of Material and Damage Behaviour of Selective Laser Sintered Polyamide 12, considering Thermomechanical Approaches

14⁵⁵ – 15¹⁵ Dominik Zdybał, Alpha Powders
Study of the Influence of Sphericity and Internal Porosity of Thermoplastic Polymer Particles on the Flowability and Packing Density of the Powder Bed

15¹⁵ – 15³⁵ Aleksander Kubeczek, Wrocław University of Science and Technology
Dual Beam Laser Sintering of Polymers (DBLS)

15³⁵ – 16⁰⁰ Coffee break

16⁰⁰ – 17³⁰ Lab Visit – CAMT-FPC at Wrocław University of Science and Technology

Networking Session (Conference Center, building H-14)

18⁰⁰ – 21³⁰ Networking Session & Odra River Tour

WEDNESDAY, 21 June 2023 (Day 2)

Session 3 | AM Industry Cases (Conference Center, building H-14)

9³⁰ – 9⁵⁰ Rafał Walczak, Wrocław University of Science and Technology
3D Printing of Microsystems

9⁵⁰ – 10¹⁰ Filip Granek, XTPL
Ultra-Precise Deposition: Additive Manufacturing Process for Next-Generation Microelectronics

10¹⁰ – 10³⁰ Adam Wojciechowski, Demant Operations Poland
Innovative Custom Hearing Instrument Production with the New Generation of the Most Technologically Advanced 3D Printers in DLP technology. Case Study from Demant Operations Poland

10³⁰ – 10⁵⁰ Bogdan Dovgvy, International Additive Manufacturing Group
Tuning the strengthening mechanisms of LPBF processed IN718 for end-use applications

10⁵⁰ – 11¹⁰ Joanna Helman, Wrocław University of Science and Technology
Supporting Advanced Manufacturing Ecosystem by Sharing Economy and Open Innovation Tools

11¹⁰ – 11⁴⁰ Coffee break

Session 4 | AM in Medical Applications (Conference Center, building H-14)

11⁴⁰ – 12⁰⁰ Marta Kozakiewicz-Latała, Wrocław Medical University
Application of Non-Commercial Polymeric Filaments with Incorporated API for FDM Processing - 3D Printed Composite Scaffolds to Support Bone Regeneration

12⁰⁰ – 12²⁰ Ewelina Baran, Pedagogical University of Krakow
Pharmaceutical Dosage Forms by VAT Photopolymerization – from Additive Manufacturing to Functional Properties and Formulation Understanding

12²⁰ – 12⁴⁰ Lukas Stepien, Fraunhofer IWS
Additive Manufacturing for Orthodontics

12⁴⁰ – 13⁰⁰ Yaroslav Holovenko, 3D Metal Tech
3D-printed Patient-Specific Implants for War-Victims

13⁰⁰ – 14¹⁵ Lunch

14¹⁵ – 14⁴⁵ Closing remarks & Farewell