



WEDNESDAY, 18 September 2019 (Day 1)

Session 1 | Opening of AMM 2019

8⁰⁰ – 9⁰⁰ Registration

9⁰⁰ – 9¹⁰ Prof. Edward Chlebus,
CAMT FPC Inauguration of AMM 2019

9¹⁰ – 9³⁰ Tomasz Kurzynowski, CAMT-FPC,
Research Activities of CAMT-FPC to Accelerate AM Implementation

9³⁰ – 9⁵⁰ Jens Oldenburg, SLM Solutions
Case studies of SLM Technology in Key Markets

9⁵⁰ – 10¹⁰ Harry Shipley, Trinity College Dublin
The Influence of Gas Flow During the Selective Laser Melting of Ti6Al4V

10¹⁰ – 10⁴⁰ Coffee break

Session 2 | Analysis and Simulation in AM

10⁴⁰ – 11⁰⁰ Ingo Neubauer, Simufact Engineering GmbH
Recent Enhancements in Additive Manufacturing Simulation

11⁰⁰ – 11²⁰ Marek Slovacek, MECAS ESI s.r.o
Numerical Simulation of Additive Manufacturing Process as Support for Real Industrial Cases

11²⁰ – 11⁴⁰ Przemysław Radkiewicz, Wrocław University of Science and Technology
Simulation of Single Track Laser Metal Deposition Process of IN718 Using COMSOL Multiphysics

11⁴⁰ – 12⁰⁰ Coffee break

12⁰⁰ – 12²⁰ Marcin Wierszycki, BUDSOFT Sp. z o.o.
Coupled Thermo-Mechanical Simulation of a Laser Powder Bed Fusion Process

12²⁰ – 12⁴⁰ Wojciech Artichowicz, INNTEC.PL Sp. z o.o.
Heat Transfer Modeling in SLM Process Using Spatial Decomposition Method

12⁴⁰ – 13⁰⁰ Michał Krzysztoporski, CAMdivision Sp. z o.o.
Acceleration of Additive Manufacturing Process Through an Integrated End-to-End Software Solution in NX CAD/CAM/CAE

13⁰⁰ – 14⁰⁰ Lunch

Session 3 | Biomedical Applications

14⁰⁰ – 14²⁵ Paul Dalton, University of Wuerzburg,
High-resolution 3D Printing via Melt Electrowriting

14²⁵ – 14⁴⁵ Roman Major, Institute of Metallurgy and Materials Science PAS
Assessment of Cellular Reactivity to DNA Damage Caused by Contact With Materials Made With 3D Printing Technology, Dedicated to Face and Cranial Implants

Session of Innovations

14⁴⁵ – 16⁰⁰ *Partners presentations of their latest achievements in Additive Manufacturing*

16⁰⁰ – 16²⁰ Coffee break

Session 4 | Novel Applications

16²⁰ – 16⁴⁰ Juergen M. Lackner, Joanneum Research Forschungsgesellschaft mbH
Roughness Influence on Self-Adaptation and Self-Healing Of DLC-MoS2 Wear Protective, Low-Friction Coatings on 3D Printed Polymers

16⁴⁰ – 17⁰⁰ Sahil Panjwani, Singapore University of Technology and Design
Photopolymer Formulation for Microstereolithography 3D-Printing and Ultra-Fast High-Efficiency High-Resolution Fabrication of Microlenses

17⁰⁰ – 17²⁰ Łukasz Żrodowski, Warsaw University of Technology
4D Printing of Metallic Glass Composites

Networking Session

19⁰⁰ – 23⁰⁰ Conference dinner



THURSDAY, 19 September 2019 (Day 2)

Workshops (building B-4)

9⁰⁰ – 10⁰⁰ Partners workshops

Young Scientists Poster Session (building B-4)

10⁰⁰ – 11¹⁰ Poster session / Lab Tour (*CAMT Laboratory*)

11¹⁰ – 11⁴⁰ Coffee break

Session 5 | Business Solutions in AM

11⁴⁰ – 12⁰⁰ Stephan Kuehr, 3YOURMIND
From Startup Idea and University Spin-Off to a Global-Scale Company

12⁰⁰ – 12²⁰ Iikka Rytönen, Etteplan Finland Oy
Reducing Costs for AM Components With Nesting

12²⁰ – 12⁴⁰ Sebastian Pietruszewski, 3DGence
FDM Industrial Applications for Production Lines and Low-Volume Manufacturing

12⁴⁰ – 13⁰⁰ Andrzej Zakrzęcki, AGH Kraków
Laser Metal Deposition Application as a New Concept Of Maintenance According to The Industry 4.0 Idea

13⁰⁰ – 14⁰⁰ Lunch

Session 6 | AM Implementation

14⁰⁰ – 14²⁰ Herbert Pavlíček, Carl Zeiss Microscopy GmbH
From Powder to Part: Microscopy and Measurement Solutions for Additive Manufacturing

14²⁰ – 14⁴⁰ Adam Wojciechowski, Mateusz Maj, DGS Poland Sp. z o.o.
Hearing Instruments Production with DLP Technology. Case study

14⁴⁰ – 15⁰⁰ Robert Sekuła, Corporate Research Center ABB
3D Printed Tooling for Casting of Bulky Epoxy Products

15⁰⁰ – 15²⁰ Marta Flisykowska, Academy of Fine Arts in Gdańsk, Poland
Clay Printing - Earth Experiments on Martian Clay Simulant

15²⁰ – 15⁴⁰ Closing remarks & best poster award

15⁴⁰ – 16⁰⁰ Good-bye coffee