



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 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

12⁴⁰ – 13⁴⁰ Lunch

Session 3 | Biomedical Applications

13⁴⁰ – 14¹⁰ Paul Dalton, University of Wuerzburg, *High-resolution 3D Printing via Melt Electrowriting*
Roman Major, Institute of Metallurgy and Materials Science PAS

14¹⁰ – 14³⁰ *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

14³⁰ – 15³⁰ *Partners presentations of their latest achievements in Additive Manufacturing (full list of presentations will be published later)*

15³⁰ – 16⁰⁰ Coffee break

Session 4 | Novel Applications

16⁰⁰ – 16²⁰ 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

16²⁰ – 16⁴⁰ Sahil Panjwani, Singapore University of Technology and Design
Photopolymer Formulation for Microstereolithography 3D-Printing and Ultra-Fast High-Efficiency High-Resolution Fabrication of Microlenses

16⁴⁰ – 17⁰⁰ Łukasz Żrodowski, Warsaw University of Technology
4D printing of metallic glass composites

Networking Session

19⁰⁰ – 23⁰⁰ Conference dinner



THURSDAY, 19 September 2019 (Day 2)

Session 5 | Workshops (building B-4)

9⁰⁰ – 10⁰⁰ Partners workshops

Session 6 | Young scientists posters session (building B-4)

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

11¹⁰ – 11⁴⁰ Coffee break

Session 7 | 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 Zakręcki, AGH Kraków
Laser Metal Deposition application as a new concept of maintenance according to the industry 4.0 idea

13⁰⁰ – 14⁰⁰ Lunch

Session 8 | 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 Krzysztof Kardach, Omni3D
3D Printing in Automotive Industry

15²⁰ – 15⁴⁰ Marta Flisykowska, Academy of Fine Arts in Gdańsk, Poland
Clay printing - Earth experiments on Martian clay simulant

15⁴⁰ – 16⁰⁰ Closing remarks & best poster award

16⁰⁰ – 16³⁰ Good-bye coffee