

3rd International Symposium Additive Manufacturing (ISAM 2019) - preliminary program* -

January 29, 2019

Business Forum

Venue: Fraunhofer IWS Dresden

- 16:30 Christoph Leyens / Frank Brückner, Fraunhofer IWS Dresden
Welcome & Introduction
- 16:45 Reinhold Achatz, thyssenkrupp AG
Business Presentation 1
- 17:00 Carl Fruth, FIT Prototyping GmbH
Digital Factory @FIT – Industrial Additive Manufacturing
- 17:15 Jens Happe, Kühne + Nagel (AG & Co.) KG
3D-printing view from a logistic provider
- 17:30 Fr. Brickwede, Mobility goes Additive
Business Presentation 4
- 17:45 Christoph Blanc, TÜV Süd (to be confirmed)
Business Presentation 5
- 18:00 Refreshment break
- 18:15 Panel discussion
- 19:15 Open Lab & Networking at the Additive Manufacturing Center Dresden

January 30, 2019

Symposium

Venue: International Congress Center Dresden

Opening Day 1

- 09:00 Christoph Leyens, Fraunhofer IWS Dresden
Opening
- 09:20 Ibo Matthews, Lawrence Livermore National Laboratory, USA
Keynote
- 09:50 Ingomar Kelbassa, Siemens AG
Keynote: I AM SIEMENS – Industrialized Additive Manufacturing by Siemens
- 10:20 Coffee break with technical exhibition

Advanced processing and technologies

- 11:00 Pedro Almeida, Norsk Titanium, Norway
- 11:20 Renishaw UK
- 11:40 Fraunhofer IWS Dresden
- 12:00 Patrick Ohldin, Freemelt, Sweden
Open Source Electron Beam Powder Bed Fusion for Materials R&D
- 12:20 Lunch break with technical exhibition

13:30 ISAM elevator pitch content

14:15 Poster session with coffee

Materials and testing

- 15:20 Eric Klemp, Voestalpine Additive Manufacturing Center GmbH
Opportunities and Chances of AM with new kind of automotive-approach based on a hood-hinge
- 15:40 Philip Sperling, Yxlon International GmbH
- 16:00 Helmut Schober, ILL Grenoble, France
Non-destructive Investigation of strain by neutron diffraction
- 16:20 MTU Aeroengines (to be confirmed)
- 16:40 H.C. Starck GmbH (to be confirmed)

Evening reception (18:30 - 22:00)

Venue: Festungsmauern Dresden

Dinner speech: Powderbased 3D food printing technologies, Martijn Noort, Wageningen University

January 31, 2019

Symposium

Venue: International Congress Center Dresden

Opening Day 2

- 09:00 Best poster and best ISAM elevator pitch awards presentation
- 09:10 David Bourell, The University of Texas, Austin, USA
Keynote: Materials for Additive Manufacturing
- 09:40 Xiaoyan Zeng, HUST, China
Keynote: Laser Additive Manufacturing of Metals - Opportunity to Promote High-End Manufacturing Ability in China
- 10:10 Xinhua Wu, Monash University, Australia
Keynote: Process Development, Alloy Development and Qualification in Selective Laser Melting Process
- 10:40 [Coffee break with technical exhibition](#)

Pre- and post-processing

- 11:10 Anthony McLoughlin, Altair
Structural optimization - Releasing the potential of AM in the Design Process
- 11:30 *requested*
- 11:50 Tassilo Moritz, Fraunhofer IKTS
Co-sintering of Zirconia/Steel Material Hybrids - Requirements, Processing, and Characterization
- 12:10 Patee Allu, Flow Science, USA
CFD modelling advances in Additive Manufacturing
- 12:30 [Lunch break with technical exhibition](#)

Process control and quality

- 13:40 Precitec GmbH & Co. KG
- 14:00 Fraunhofer IWS Dresden
- 14:20 LPW Technology
- 14:40 Holger Perfahl, DMG Mori
- 15:00 [Coffee break with technical exhibition](#)

Applications

- 15:30 Johannes Gumpinger, ESA
- 15:50 Masahiro Onoi, Metal Technology Co. Ltd., Japan
Micro Sully jet Erosion assessment for Additive Manufacturing Products
- 16:10 Katja Schmidtke, Airbus
Qualification route of SLM additive manufacturing for aerospace applications
- 16:30 Takeshi Ishikawa, Sumitomo Heavy Industry High Matex, Japan
The build-up welding method with extremely low distortion for the steam turbine blade
- 16:50 Yannick Cadoret, Renault
- 17:10 Christoph Leyens, Fraunhofer IWS Dresden, Germany
Concluding remarks and farewell
- 17:20 End of the conference