



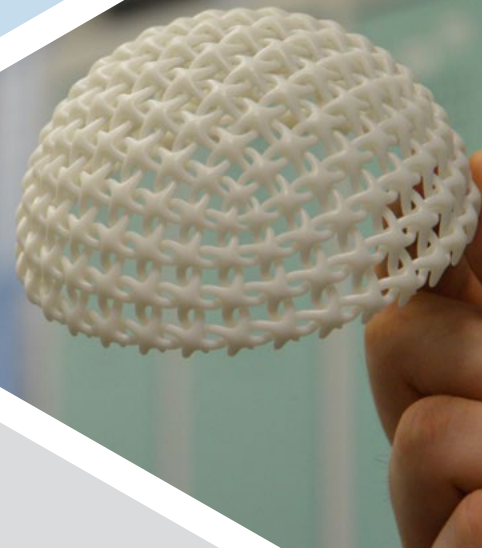
September 27 – 28, 2018

Museum Arbeitswelt

Wehrgrabengasse 7, 4400 Steyr (AT)

www.addit2018.org

contact@addit2018.org



Add+it 2018

The Add+it 2018 offers a platform for science and industry to discuss topics all across additive manufacturing and innovative technologies. International experts from more than ten different countries will share their knowledge in several talks and 2 parallel sessions with 4 topics to show what additive manufacturing offers today and what can be expected in the future. Scientific talks on Thursday, September 27 are followed by the symposium dinner held at the "Orangerie".

On Friday, September 28, plenary lectures and time to networking will complete the Add+it 2018 program. The parallel sessions will provide opportunities to share ideas and discuss technical details related to additive manufacturing. On Friday afternoon a farewell lunch will offer room for dialogue between the Add+it attendees - take the opportunity to meet experts from R&D and industry!

"Nature of Innovation"

The Add+it 2018 takes place during the current innovation process in Upper Austria, named "Nature of Innovation". The idea behind this process is to combine the core characteristics of the region: Nature and Innovation. Within this innovation process several events will be organized.
www.nature-of-innovation.com

ADD+IT 2018 (September 27 - 28, 2018)

KEYNOTE SPEAKERS*



W. H. Bittner



Prof. Dr. P. Dickens



Prof. Dr. R. Escobar



Prof. N. Hopkinson



M. Milazzo



Dr. T. Medeiros Araujo



L. Oelbrandt



Assoc. Prof. Dr. A. Ovsianikov



Brian Steinhobel



Prof. Dr. Z. Zhou

SESSION SPEAKERS*



Dr. S. Gruber



Dr. A. Haider



M. Harnisch, PhD



M. Haslinger



B. Heiden



Prof. FH Dr. J. Jacak



A. Kreuzer



Prof. Dr. M. Kristiansen



O. Lietaer



DDr. M. Malek



W. Mildner



V. Miron



H. Oberlacher



D. Plos



Dr. I. Prinz



Dr. L. Schranzhofer



G. Stelef



Dr. H. Wanzenböck



F. Wasserfall



K. Wildfellner



Dr. A. Willert

PROGRAM

Thursday,
September 27, 2018

9:30 B2B-Meetings - <https://addit2018.b2match.io/>

11:30 Registration - www.addit2018.org

12:30 Opening, welcome & agenda

Prof. Dr. Z. Major, JKU IPPE | W. Hauser, Vice Mayor of the city of Steyr | C. Breitschopf, CEO PROFACTOR

12:40 The role of inkjet to enabling high volume Additive Manufacturing

Prof. Neil Hopkinson, Xaar

13:15 Massive-scale Production of Polyimide Nanofiber and Its Potential Applications in FRPs

Prof. Zhongfu Zhou Ph.D. D.Phil., School of Materials Science and Engineering, Shanghai University

13:50 Additive Manufacturing for Bio-Composites: new challenges and opportunities for tissue engineering

Mario Milazzo, PhD, The BioRobotics Institute, Scuola Superiore Sant'Anna

14:30 Networking & exhibition

15:10 Parallel Session I

Additive Manufacturing for Medical Applications*

Integrated Electronics*

Intersection of Making and Manufacturing in MedTech: 3D printing vs proto-molding

Dr. Iris Prinz, STRATEC Consumables GmbH

Additive Manufacturing for Radiotherapy - Development of a non-invasive Patient Fixation Device

Veronika Miron, Johannes Kepler University Linz

Stereolithography in the medical field. State of the art and future prospects

Dr. Simon Gruber, W2P Engineering

Applications of 3D-Printing OMFS
DDr. Michael Malek, KUK Linz

Diskussion, World Cafe

* in cooperation with



Printed Functional Materials Enable New Applications

Dr. Andreas Willert, Fraunhofer Institute for Electronic Nano Systems ENAS

From 2D printed to 3D-printed structural electronics

Wolfgang Mildner, OE-A (Organic and Printed Electronics Association), MSWtech

Design Toolchain and Slicing Process for the Integration of Electronics into FDM Printed Objects

Florens Wasserfall, University of Hamburg

Monoscribe- inkjet printed interconnection for thin-film photovoltaics

Martina Harnisch, PhD, Sunplugged

* in cooperation with



16:40 Networking & exhibition

17:20 The UK Strategy for AM and 3D Printing

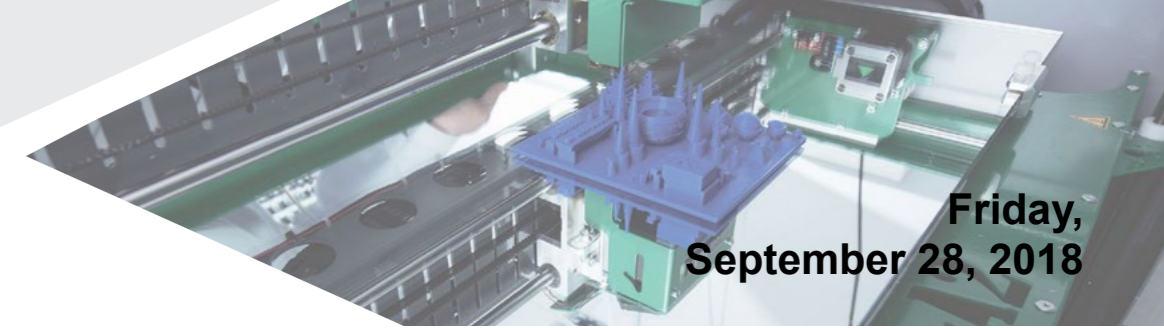
Prof. Phill Dickens, University of Nottingham, Centre for Additive Manufacturing (CfAM)

17:55 Industrial Design and Additive Manufacturing: Past Present Future

Brian Steinhobel, Steinhobel Design (Pty) Ltd

18:30 Closing of day 1

19:30 Dinner at the restaurant „Orangerie“ sponsored by



Friday,
September 28, 2018

08:15 Welcome coffee

08:30 Opening, welcome & agenda

08:40 Development of multifunctional polymer-based materials for large volume additive manufacturing

Prof. Dr. Ramon Escobar Galindo, Universidad de Cádiz, Materials and Nanotechnology for Innovation

09:15 Additive manufacturing of ophthalmic lenses: the way forward for smart eyewear

Leo Oelbrandt, Sr. VP Systems R&D, Luxexcel NV

09:50 New Generation of 3D Printing Polymer Materials for Extrusion Based Processes

Dr. Thiago Medeiros Araujo, Lehmann & Voss & Co. KG

10:25 Networking & exhibition

11:00 Parallel Session II

Micro/Nano Additive Manufacturing

Material Development

Predictive simulation tools of additively manufactured composite parts using Digimat

Olivier Lietaer, e-Xstream Engineering

How to beat the resolution limit of light with electron beams – Additive 3D Manufacturing on the Nanoscale

Dr. Heinz Wanzenböck, TU Wien

3D-Nil on optical elements

Michael Haslinger, PROFACTOR

Selective surface smoothing – a nice work around solution for fast nanoscale 3D printing

Prof. Dr. Magnus Kristiansen, Institute of Polymer Nanotechnology, University of Applied Sciences and Arts Northwestern Switzerland

Additive Manufacturing in Microfluidics

Prof. FH Dr. Jaroslav Jacak, FH OÖ

3D-FLM printing of polymers filled with short and continuous fibers

Dr. Andreas Haider, Kompetenzzentrum Holz

3D Printing of robots and luminaires – A glimpse into future possibilities of polyjet printing

Gil Shelef, Stratasys & Leo Schranzhofer, PROFACTOR

Development of a foamable 3D printing ink

Andreas Kreuzer, Johannes Kepler University Linz

Economic advantage of HP-MultiJet Fusion in tool shop production and engine prototyping

Kurt Wildfellner, BRP Rotax
Daniel Plos, Techsoft

From Continuous Fiber Composite 3D-Printing to Video Enhanced Learning Applications

Bernhard Heiden & Hannes Oberlercher, Carinthia University of Applied Sciences

12:30 Networking & exhibition

13:00 Strategic Management in times of Digitization and Global Shifts

Werner H. Bittner, Umdasch Group Ventures GmbH

13:35 High-resolution 3D Printing

Assoc. Prof. Dr. Aleksandr Ovsiyanikov, Institute of Materials Science and Technology, TU Wien

14:10 Awarding ceremony of school competition & closing of day 2 & farewell lunch

ORGANIZER



PROFACTOR is a non-profit, applied research company located in Steyr and Vienna and is involved in research and development for industrial production technologies. PROFACTOR focuses its research on two main topics. The progress in industrial assistance systems and the establishment of additive micro/nano manufacturing is for the competitiveness of the „Factories of the Future“ of fundamental importance. PROFACTOR acts as an interface between science and industry. Since the year 1995 PROFACTOR has demonstrated in more than 1,700 projects what can be created with applied production research. More than 400 customers, ranging from small businesses to enterprises have trusted PROFACTOR so far.

PROFACTOR GmbH
 Functional surfaces and nanostructures
 DI Daniel Fechtig, PhD
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 A-4407 Steyr-Gleink
www.profactor.at



The Institute for Polymer Product Engineering (IPPE) was established in 2009 in the frame of the Polymer Technology and Engineering Program at the Johannes Kepler University Linz (JKU). The institute contributes to the BSc and MSc education programmes and to research activity of the faculty on the field of polymer product engineering. In general, the institute deals with the various aspects of the design, the virtual and real prototyping and the structural integrity assessment of components made from various polymeric materials. The real prototyping covers the application of various generative manufacturing methods, the investigations of the materials used and the development of novel design methodologies.

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ADMINISTRATIVE AND GENERAL INFORMATION

Registration and Fees

Information on registration is available on the conference website.

The registration form should preferably be completed online: www.addit2018.org

Registration fees and included services (Price in EUR excl. 20% VAT)	Early Registration until: August 31, 2018	Late Registration until: September 21, 2018	On-site Registration September 27, 2018	Accommodation	Car parking fee	Add+it 2018 Thu: September 27, 2018 09:30 – 22:00 (incl. B2B-Meetings and Dinner)	Add+it 2018 Fri: September 28, 2018 08:30 – 15:00 (incl. Lunch)
Regular participants	380,-	450,-	500,-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Students	150,-	150,-	200,-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Session speakers	250,-	250,-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Plenary speakers	0,-	0,-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Invited Customer	300,-	380,-	400,-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Imprint

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