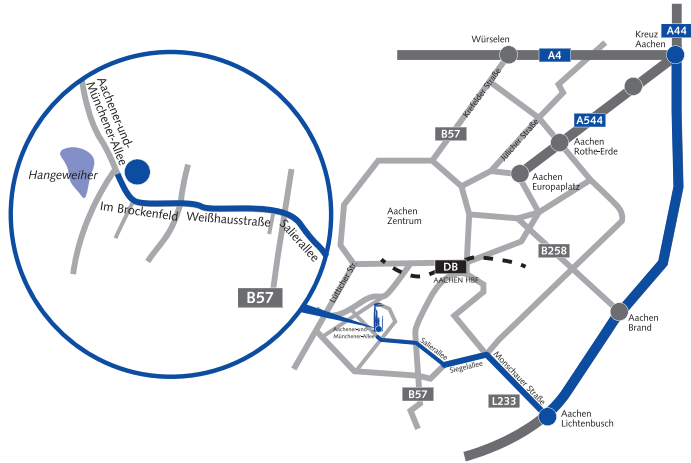


2019

Further information and registration:
www.3d-valley.com



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3D Valley Conference
17.9.2019
www.3d-valley.com

Stand: 09.2019



3D Printing in the industrial sector: Evolution in Production and Development

Aachen and its universities have established themselves as strongholds of research and development in the field of additive manufacturing. This year for the fourth time, leading experts from science and research as well as high-ranking representatives from the industry will meet at the 3D Valley Conference to discuss the latest developments in the field of 3D printing and additive manufacturing methods.

The 3D Valley Conference provides an exciting environment for participants from a wide variety of industries, including mechanical engineering, automotive and aerospace, to share their knowledge. In addition to a high-caliber lecture program, visitors can also look forward to an industrial exhibition as well as an excursion behind the scenes at the RWTH Campus.



Tuesday, 17.9.2019	
09:00 – 09:20	Welcome
09:20 – 09:40	Keynote I Michael F. Bayer, General Director, Chamber of industry and commerce (IHK) Aachen
09:40 – 10:00	Keynote II Wilfried von Rath, MAN Energy Solutions <i>"Additive manufacturing at MAN Energy Solutions – strategic aspects"</i>
10:00 – 10:30	Award of the Big Five Award for Additive Manufacturing by Prof. Dr.-Ing. Andreas Gebhardt, FH Aachen
Plenar-Session I	
10:30 – 11:00	Philipp Bruckbauer, Airbus <i>"Scalmalloy® – From waste to high performance in additive manufacturing"</i>
11:00 – 11:30	Sebastian Piegert, Siemens AG
11:30 – 12:00	Annika Bohlen, Bremer Institut für angewandte Strahltechnik <i>"Effects of the time-temperature cycles on a steel used for tools during the laser powder deposition welding"</i>
Lunch	
Exhibitor session with short pitches	
13:00 – 13:30	Session 1: Metallic 3D printing in industry
13:30 – 15:30	Session 2: 3D printing with plastics
13:30 – 13:50	Dr. Wilhelm Meiners, Trumpf GmbH & Co.KG <i>"Additive production systems by Trumpf (tbd)"</i>
13:30 – 13:50	Philipp Steitz, Enactus e.V. <i>"3D printing upper limb prostheses"</i>
13:50 – 14:10	Peter Jain, Desktop Metal <i>(Requested)</i>
13:50 – 14:10	Michael Eichmann, Stratasys Ltd. <i>"Multi-material color system and the expansion to new material properties"</i>
14:10 – 14:30	Gerhard M. Backes, DAP RWTH Aachen <i>"Problem solving with Laser Metal Deposition (LMD) by Laser Powder Bed Fusion (LPBF)"</i>
14:10 – 14:30	Sebastian Krell, SK Industriemodell GmbH <i>"Injection molded prototype parts and small volume series parts (tbd)"</i>
14:30 – 14:50	Dr.-Ing. Sebastian Bremen, Fraunhofer ILT <i>"New machine concepts for local additive manufacturing"</i>
14:30 – 14:50	Stefan de Groot, PROTIQ GmbH <i>"Increasing productivity by using digitization and automation in additive manufacturing of technical plastics"</i>
14:50 – 15:10	3D printing in automotive engineering, N.N.
14:50 – 15:10	Johannes Austermann, IKV RWTH Aachen <i>"Challenges and potentials of large area Additive Manufacturing"</i>
15:10 – 15:30	Dr. Horst Hill, Deutsche Edelstahlwerke, <i>"The balancing act: from metal powder production to mass steel production"</i>
15:10 – 15:30	Marko Gehlen, Kunststoff Institut Lüdenscheid <i>"Use of three-dimensionally printed plastic tool inserts"</i>
Pause	
Plenar-Session II	
16:00 – 16:20	Harry Dirrigl, Additive Industries, <i>"Accelerating additive manufacturing with process automation and integration"</i>
16:20 – 16:40	Lars Bertenbreiter, Hewlett Packard <i>"Additive manufacturing - vision today, reality tomorrow"</i>
16:40 – 17:00	Closing Dr. Kristian Armtz, ACAM GmbH Dr. Günter Bleimann-Gather, TEMA AG
Wednesday, 18.9.2019	
09:00 – 12:00	Excursion to the research location Aachen