

MaP Distinguished Lecture Series “Additive Manufacturing”

Spring Semester 2016

ETH Zurich Zentrum, HG E 1.1

every Tuesday from 16.15 - 18.00



23 February 2016

“The Big Picture” of AM - on the Way to Industrial Acceptance, Paradigm Changes & Great Challenges
Prof. Gideon N. Levy, TTA Technology Turn Around

1 March 2016

3D Printing for Industrial Applications - how Metal AM Can Help the Industry to Add Value to Their Products
Dr.-Ing. Bernhard Müller, Fraunhofer IWU

8 March 2016

Material Challenges for Selective Laser Sintering (SLS)
Dr. Manfred Schmid, ETH Zurich - inspire AG Innovation Center for AM Switzerland

15 March 2016

AM - Potential for the Automotive Industry beyond the Hype for 3D Printing
Dr.-Ing. Dominik Rietzel, BMW Group

22 March 2016

Economical & Technological Opportunities for Ramping Up of Industrial AM
Dr.-Ing. Olaf Rehme, Siemens AG

5 April 2016

Enabling AM Series Products & Parts
Prof. Mirko Meboldt, ETH Zurich - Product Development Group Zurich

12 April 2016

Processes, Materials & Computational Methods for Multifunctional AM
Prof. Richard Hague, University of Nottingham & EPSRC Centre for Additive Manufacturing

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19 April 2016

AM for Space Applications - the European Space Agency Perspective

Dr. Tommaso Ghidini, European Space Agency (ESA)

26 April 2016

AM of Polymer-Implants

Prof. Clemens Holzer, University of Leoben - Chair of Polymer Processing

3 May 2016

AM for Dental Applications

Dr. Lorenz Bonderer, Ivoclar Vivadent AG

10 May 2016

Digital Materiality

Prof. Fabio Gramazio, ETH Zurich - Chair of Architecture & Digital Fabrication

17 May 2016

AM: The next 25 Years

Prof. Hod Lipson, Columbia University - Mechanical Engineering Department

24 May 2016

3D Printing on the Micrometer Scale for Science & Applications

Dipl.-Phys. Martin Hermatschweiler, Nanoscribe GmbH

31 May 2016

Tailoring Hydrogels as Bioinks for Biofabrication

Prof. Jürgen Groll, University of Würzburg - Functional Materials in Medicine & Dentistry