

# MaP Distinguished Lecture Series “Additive Manufacturing”

Spring Semester 2017

ETH Zurich Zentrum, HG E 1.1

every Tuesday from 16.15 - 18.00



- 21 February **Olaf Diegel, Lund University**  
AM: A Reality Check
- 28 February **Paul Dalton, University of Würzburg**  
High Resolution Electrohydrodynamic AM Technologies
- 7 March **Candice Majewski, University of Sheffield**  
Pushing the Boundaries of Polymer Sintering
- 14 March **Patrik Hoffmann, EPFL & Empa**  
Physical Limits of Laser 3D Printing of Metals & Ceramics
- 21 March **Claudio Semini, Istituto Italiano di Tecnologia (IIT)**  
Towards the Next Generation of Agile Legged Robots through AM
- 28 March **Skylar Tibbits, Massachusetts Institute of Technology (MIT)**  
Self-Assembly & Programmable Materials
- 4 April **André R. Studart, ETH Zurich**  
3D Printing of Bioinspired Materials
- 11 April **Andrea Lovera, FEMTOprint SA**  
3D Printing Platform Turning Glass into Innovative Monolithic Micro-Systems
- 25 April **Marco Ritz, TRUMPF Maschinen AG**  
3D Printing Starts in Your Head
- 2 May **Markus Müller, Sonova**  
AM & Mass Customization in the Hearing Aid Industry
- 9 May **Michael C. McAlpine, University of Minnesota**  
3D Printing Functional Materials & Devices
- 16 May **Kristina Shea, ETH Zurich**  
Achieving the Full Potential of 3D & 4D Printing with Computational Design
- 23 May **Matthias Hoebel, GE Power**  
Direct Metal Laser Melting for Gas Turbine Applications
- 30 May **Axel Kruse, Sauber Motorsport AG**  
Rapid Prototyping in Formula 1