

AM-Trends – Insights & Workshop Event

The Innovation Booster Additive Manufacturing (IBAM) and CSEM invite you to learn more about the state of AM technology and discuss upcoming trends with experts in a short workshop.

The keynote speakers **Dr.-Ing. Thomas Studnitzky from the Fraunhofer Institute** for Manufacturing Technology and Advanced Materials IFAM from Dresden and **Prof. Bianca Maria Colosimo from the Politecnico di Milano**, Dep. of Mechanical Engineering will show you the possibilities that additive manufacturing can offer today and in the near future before the parallel group discussions.

A CSEM lab tour at 11:00 can also be booked by a limited number of participants.

Date: Wednesday 5th June 2024, 11:00 or 13:00 – 18:00

Place: [Auditorium EPFL, Rue de la Maladière 71, 2000 Neuchâtel](#)

Program

- 11:00 CSEM lab visit (max. 24 persons - first come first serve)
- 12:00 Sandwich Lunch for lab visitors
- 13:00 Welcome coffee / Networking
- 13:30 Welcome by CSEM & IBAM
- 13:45 **Keynote 1: Prof. Bianca Maria Colosimo, Politecnico di Milano**
In-situ data mining in AM and Bioprinting - Opportunities & Challenges for the twin transition
- 14:10 **Keynote 2: Dr.-Ing. Thomas Studnitzky, Fraunhofer Institute IFAM**
Metal AM: Well-known vs. emerging technologies: Status, challenges & prospects
- 14:35 **Q & A with the Keynote speakers**
- 15:00 Coffee break
- 15:30 **4 breakout sessions on different topics**
 - Additive micro-manufacturing & AM in electronics industry
 - Multimaterial applications: areas of use and recycling / upcycling solutions
 - Smart AM parts: function integration, shape memory, micro-robots
 - New AM technologies: standardization, less cost, no post processing, mass production
- 16:30 Summary of the breakout sessions results
- 17:10 Discussion round
- 17:45 Apéro / Networking

Participation in the event is free of charge. As there are only a few visitor parking spaces available, we recommend traveling by public transport to Neuchâtel.

Please register via <https://ibam.swiss/registration8/> by 19. May 2024. Only the first 24 registrations can be considered for the lab visit at CSEM!