



Innovation Booster – Project Presentations & Funding opportunities

The Innovation Booster Additive Manufacturing (IBAM) wants to unlock the huge potential which additive manufacturing, also called 3 D printing, offers for interested actors from industry, research and society.

In 2023 the IBAM funded 12 projects in the fields of AM and sustainability, in construction and in other areas. The project teams created, tested and validated promising applications and product ideas with existing and new technologies and materials.

Be inspired by these innovative project teams and learn how these exciting projects can be further promoted.

Date: Tuesday, July 2, 2024, 13:00 – 18:30

Place: ETH Zurich, HG D 5.2, Rämistrasse 101, 8092 Zurich

Program

13:00	Welcome & Introduction
13:10	Overview funding opportunities
13:30	Project Pitchings Part 1 (7' presentation, 3' Q&A, 5' funding opportunities)
14:30	Coffee Break
15:00	Project Pitchings Part 2 (ditto)
16:00	Coffee Break
16:30	Project Pitchings Part 3 (ditto)
17:30	Funding opportunities – Next steps – Tips
18:00	Networking Apéro

This workshop is open to experts from industry and academia as well as all interested parties. Participation is free of charge. The number of participants is limited. Please apply for registration on <https://ibam.swiss/registration9/> until **28 June 2024**.

Project Pitchings Part 1

Project	Branch
<ul style="list-style-type: none">• Micro precision 3D printing of copper	AM Research
<ul style="list-style-type: none">• Production and processing of modified powders for SLM technology	AM Research
<ul style="list-style-type: none">• Development of novel cartilage scaffolds for the in utero management of spina bifida	MedTech
<ul style="list-style-type: none">• Sustainability Labeling System for Additive Manufacturing Value Chains	Circular Economy

Project Pitchings Part 2

Project	Branch
<ul style="list-style-type: none">• UPSALA: Upgrading Production Scraps to Advanced Aluminium Alloys	Circular Economy
<ul style="list-style-type: none">• Carpal prosthesis 2.0	MedTech
<ul style="list-style-type: none">• Development of an open-source software platform for multi-axis 3D printing	AM Research
<ul style="list-style-type: none">• Development of a co-extruded, conductive filament with a flexible outer shell	AM Research

Project Pitchings Part 3

Project	Branch
<ul style="list-style-type: none">• Novel X-ray detector for real-time quality control in EBAM	AM Research
<ul style="list-style-type: none">• Green-State Surface Finishing Techniques for 3D Printed Concrete, Mortar, and other Malleable Materials	Building Industry
<ul style="list-style-type: none">• Foldcast SlabX. Paper formworks for optimized concrete elements	Building Industry
<ul style="list-style-type: none">• Low-carbon Surface Finishing for Earth-based Additive Manufacturing	Building Industry