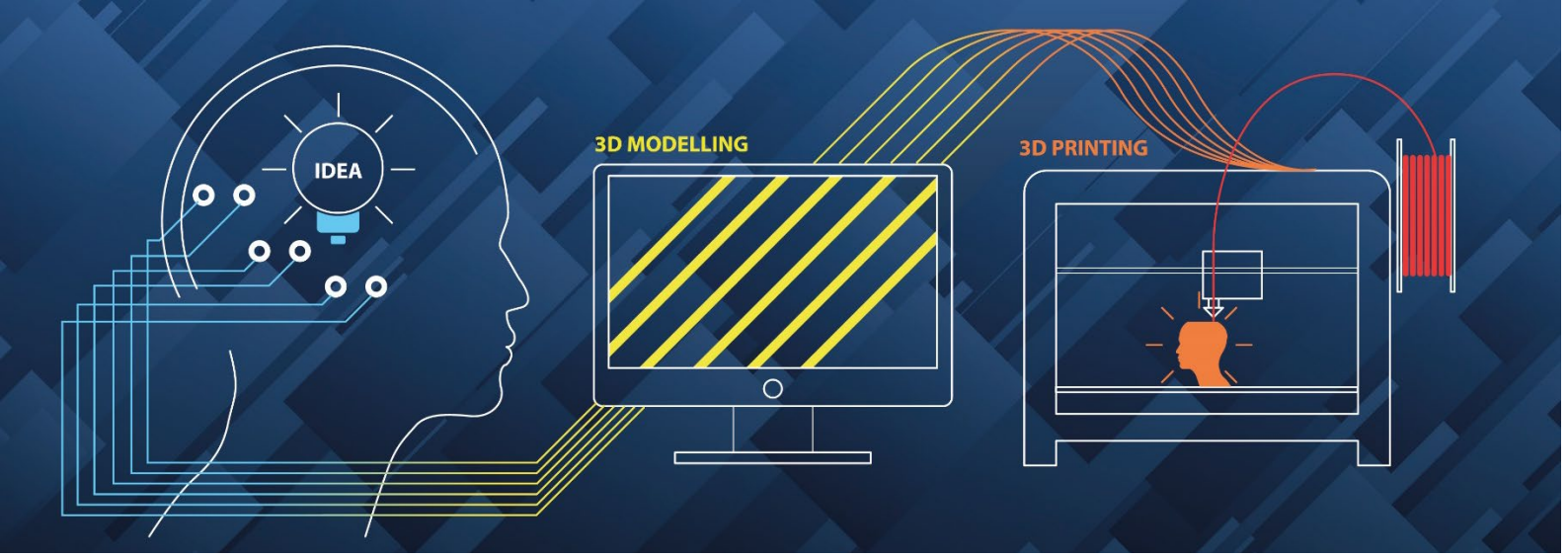

Innovation Booster – Project Presentations & Funding opportunities

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 2022 the NTN IBAM funded 13 projects in the fields of AM in food, in microtech and photonics, and 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: **Thursday 06. July 2023, 13:00 – 18:30**

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

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/registration3/ until 30 June 2023.

Project Details → Page 2

Project Pitchings Part 1

Project	Branch
• Advanced manufacturing of gastric delivery system for micronutrient supplementation	MedTech / Agro-Food
• 3D printed food for patients at the children's hospital	MedTech / Agro-Food
• BatPAM - Reduce cost and lead time of battery packs for space using 3D printing	Engergy
• Application of blue laser in laser powder bed fusion process	AM Research

Project Pitchings Part 2

Project	Branch
• Additive manufacturing and recycling of a thermoplastic composite aerospace part	Circular Economy / Aerospace
• ComSiComSa - 3D Composite Sintering with Compliant Salt Molds	AM Research
• 3D printed individualized shoes by the implementation of different construction in foamed TPU	MedTech
• Precipitated Polymer Powders for Additive Manufacturing	AM Research

Project Pitchings Part 3

Project	Branch
• Increase interlayer cohesion with thermal treatment	AM Research
• Enhancement of dry lubrication properties enabled by additive manufacturing	AM Research
• Carbon Capture on algorithm based highly efficient three-dimensional ceramic surfaces	Circular Economy
• Additive manufacturing of complex products from the construction sector	AM Research / Building Industry