



Innovation Booster – Project Presentations & Funding opportunities

The NTN Innovation Booster Additive Manufacturing (NTN 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 2021 the NTN IBAM funded 11 projects in the fields of AM post processing, AM in Medtech 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: Tuesday 05. July, 13:00 – 18:30

Place: ETH Zurich, Room CHN G 42, Universitätsstrasse 16, 8006 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
14:45	Project Pitchings Part 2 (ditto)
15:45	Coffee Break
16:15	Project Pitchings Part 3 (ditto)
17:00	Funding opportunities – Next steps - Tips
17:15	Networking Apéro

This workshop is open to experts from industry and academia as well as all interested parties. Participation is free of charge and is subject to the latest covid rules in place. The number of participants is limited. Please apply for registration on <https://ibam.swiss/registration2/> until 17. June 2022.

Project Details → Page 2

Project Pitchings Part 1

Project	Branch
<ul style="list-style-type: none">• Making AM parts gas leak tight	Material Analytics
<ul style="list-style-type: none">• Point-of-Care Design and Production of Cranial Implants	MedTech
<ul style="list-style-type: none">• ETCHellence: Investigation of a non-mechanical post-processing method	AM Post Processing
<ul style="list-style-type: none">• Photonic In-Situ Quality Monitoring of Additive Manufacturing	AM Research

Project Pitchings Part 2

Project	Branch
<ul style="list-style-type: none">• BIOSCO (BIOresorbable Surgical Corrective Osteotomy)	MedTech
<ul style="list-style-type: none">• SON - Shut-off nozzle for large-scale polymer pellet extrusion	Real Estate / Construction
<ul style="list-style-type: none">• Lost mold annealing of thermoplastic AM parts (LoMoAn)	AM & Casting
<ul style="list-style-type: none">• Exploring and research platform for advanced binder jetting	AM Research

Project Pitchings Part 3

Project	Branch
<ul style="list-style-type: none">• MagSca - Customized, biomimetic Magnesium Scaffold solutions for bone regeneration	MedTech
<ul style="list-style-type: none">• Performance increase of additively manufactured parts due to functionalization integration	AM Research
<ul style="list-style-type: none">• Minimally-invasive bioprinter	MedTech