



Program

15.00 Welcome & Introduction

15.10 INSPIRE



A visionary keynote to present the bigger picture and ask: what if?!

[Clémence Golinelli | Ellen MacArthur Foundation](#)

15.25 IGNITE



Young investigators show how they cross borders & enter new territory.

[Alvaro Charlet | EPFL](#)

*3D Printing of Strong and Tough Load-bearing Double Network
Granular Hydrogels*

[Oscar Santoliquido | SUPSI](#)

Insight Stereolithography of Ceramic-based Components

[Giulio Masinelli | Empa](#)

Developing Control Loop for Advanced Manufacturing Using AI

[Nevena Paunovic | ETH Zurich](#)

3D Printing of Customized Biodegradable Stents

[Kishan Thodkar | ETH Zurich](#)

*Advanced Functionalization Techniques for Low-dimensional Material-based
Devices & Sensors*

[Livia Zumofen | ZHAW](#)

*Laser Powder Bed Fusion of Steel for Quenching and Tempering: From
Parameter Study to Application*

16.00 DISCUSS



Small group discussions about key success factors of technological breakthroughs led by our moderators:

[Esther Amstad | EPFL](#)

[Gioele Balestra | HEIA-FR](#)

[Markus Bambach | ETH Zurich](#)

[Olga Fink | ETH Zurich](#)

[Jakob Heier | Empa](#)

[Christofer Hierold | ETH Zurich](#)

[Christophe Moser | EPFL](#)

[Dorina Opris | Empa](#)

[Alberto Ortona | SUPSI](#)

[Nabil Ouerhani | HES-SO](#)

[Ralph Rosenbauer | ETH Zurich](#)

[Daniel Seiler | FHNW](#)

[Sebastian Siol | Empa](#)

[Giulia Tagliabue | EPFL](#)

[Mark Tibbitt | ETH Zurich](#)

[Anna Valente | SUPSI](#)

16.15 Break

16.25 CONNECT



Connect with scientists to collaborate and solve challenges they are facing.

[Manuel Biedermann | ETH Zurich](#)

Design Automation for Additive Manufacturing

[Nicholas Hendricks | CSEM SA](#)

Printed Sensors from Additive Manufacturing Techniques

[Ramon Iten | OST](#)

Reduction of Demolding Forces in Injection Molding by Modifying the Mold Surface

[Judith Ng | Empa & ETH Zurich](#)

*Engineering Nano-architected Surfaces to Steer Soft and Hard Tissue Interactions
on Tissue Level Dental Implants*

[Luca Luceri | SUPSI](#)

Towards Emotion-Driven Training and Practices in Virtual Reality

[Krzysztof Wiczerzak | Empa](#)

The High-throughput Exploration of New Materials' Hyperspace

16.45 MEET



Expand your network and meet with 12 other participants - how? You will see!

17.10 End