



Swiss
Advanced Manufacturing
Community Events



SAMCE 2024

October 31, FHNW, Brugg-Windisch

The Swiss Advanced Manufacturing Community Events ([SAMCE](#)) provide a platform to unite and to connect scientists with sparking ideas. Together we want to build a strong scientific advanced manufacturing community in Switzerland. We have a dense and diversified program – see below - with different modules described in more detail on our [website](#).

We invite active participants who strive for scientific exchange and who are prepared to share and discuss ideas, to collaborate with colleagues across disciplines and institutions. We are looking for contributions for the following 12 topics:

Production Technologies



Additive Manufacturing / 3D Printing



Coating and Printing



Light-induced and Laser Processing



High Precision Machining and Forming



Nano-Fabrication



Joining

Cross-Technology Topics



Sustainable Manufacturing Technologies



Product Development and Design



Process and Quality Monitoring and Control



Robots, Automation, and Learning Systems



Characterization, Modelling and Simulation



Functionality Integration















Registration

The participation in [SAMCE 2024](#) is **free of charge**, but the number of participants is limited. Registrations with proposals for a contribution are prioritized. Please [register online](#) and submit your short abstract by **28 August 2024**.

A joint initiative of SATW, ETH Zürich, EPFL, Empa, PSI and the Strategic Focus Area Advanced Manufacturing



Preliminary Program

09:30		Registration and Welcome Coffee
10:00		UNITE Welcome and introduction
10:10		INSPIRE A visionary keynote to present the bigger picture
PRODUCTION TECHNOLOGIES (parallel sessions)		
10:45		ENTER Introduction to session topics
10:55		IGNITE Investigators show how they cross borders & enter new territory
11:20		CONNECT Scientists present you a challenge they are currently facing in their research
11:45		EXCHANGE Discussions with session speakers
12:15		Lunch Break 12:45-13:15 Optional Lab Tours at Inst. of Product & Production Engineering
13:30		INSPIRE A visionary keynote to present the bigger picture
14:05		DISCUSS Small group discussions about key challenges and technological breakthroughs
CROSS-TECHNOLOGY TOPICS (parallel sessions)		
15:00		ENTER Introduction to session topics
15:10		IGNITE Investigators show how they cross borders & enter new territory
15:35		CONNECT Scientists present you a challenge they are currently facing in their research
16:00		EXCHANGE Discussions with session speakers
16:30		CONCLUDE What have we learned and what next? - Award ceremony
17:00		End of conference
17:30		ENJOY Enjoy our community with drinks, food and an evening activity