

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 3rd, 2022

Time: 09h30 – 17h00

Place: SwissTech Convention Center, Auditorium B & C, CH-1024 Ecublens, <https://www.stcc.ch/>

Program:

09h30-10h00	Coffees and Croissants, Distribution of Badges and Proceedings
10h00-10h15	Philippe Renaud & Philippe Flückiger https://cmi.epfl.ch/ , Introduction
10h15-10h30	Pasquale Scarlino , https://www.epfl.ch/labs/hqc/ , Superconducting-semiconducting hybrid quantum technology
10h30-10h45	Christoph Merten , https://www.epfl.ch/labs/lbmm/ , Droplet microfluidics in antibody discovery, immune repertoire sequencing and personalized cancer therapy
10h45-11h00	Giulia Tagliabue , https://www.epfl.ch/labs/lnet/ , Nanoantennas for energy and optical devices
11h00-11h30	Break
11h30-11h45	Mitali Banerjee , https://www.epfl.ch/labs/lqp/ , Twisted graphene devices to explore many-body physics
11h45-12h00	Edoardo Charbon , https://www.epfl.ch/labs/aqua/ , Superconducting devices for quantum computing & sensing
12h00-12h15	Herbert Shea , https://www.epfl.ch/labs/lmts/ , Soft actuators for wearable haptics
12h15-14h30	Lunch & Poster Session
14h30-14h45	Fabrizio Carbone , https://www.epfl.ch/labs/lumes/ , Nano-engineering the wavefunction of fundamental particles
14h45-15h00	John Martin Kolinski , https://www.epfl.ch/labs/emsi/ , Control of interface mechanics through engineered micro-structure
15h00-15h30	Break
15h30-15h45	Christophe Galland , https://www.epfl.ch/labs/lqno/ , Molecules in plasmonic nanocavities for optomechanical transduction
15h45-16h00	Andras Kis , https://www.epfl.ch/labs/lanes/ , In-memory computing based on a 2D semiconductor
16h00-17h00	Cocktails & Poster Session