

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 3rd, 2022

Time: 09h30 – 17h00

Place: SwissTech Convention Center, Auditorium A, 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/inet/>, 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/emsil/>, 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**