

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 7th, 2019

Time: 09h30 – 17h00

Place: EPFL, Forum Rolex Learning Center, RLC E1 240

Program:

- 09h30-10h00** Coffees and Croissants, Distribution of Badges and Proceedings
- 10h00-10h15 **Philippe Renaud & Philippe Flückiger** (<https://cmi.epfl.ch/>), Introduction
- 10h15-10h30 **Heike Riel**, IBM Fellow, Department Head Science & Technology, IBM Research, Rüschlikon, S&T research - an overview
- 10h30-10h45 **Vivek Subramanian** (<https://laft.epfl.ch/>), Additive fabrication of electronics and MEMS: from printable materials to integrated systems
- 10h45-11h00 **Philip Moll**, (<https://qmat.epfl.ch/>), Quantum materials: new electronic functionality on the micron-scale
- 11h00-11h30** **Break**
- 11h30-11h45 **Olivier Martin**, (<https://nam.epfl.ch/>), Alloyed nanostructures and metasurfaces
- 11h45-12h00 **Guillermo Villanueva**, (<https://nems.epfl.ch/>), Piezoelectric suspended microchannel resonators
- 12h00-12h15 **Selman Sakar**, (<https://microbs.epfl.ch/>), Soft robotic microsystems for biomedical applications
- 12h15-14h30** **Lunch & Poster Session**
- 14h30-14h45 **Michael Graetzel**, (<https://ipi.epfl.ch/>), Mesoscopic photosystems for the generation of electricity and fuels from Sunlight
- 14h45-15h00 **Sandro Carrara**, (<http://icwww.epfl.ch/~scarrara/>), Very recent advances on memristive sensors: the born of a new field of research
- 15h00-15h30** **Break**
- 15h30-15h45 **Hatice Altug**, (<https://bios.epfl.ch/>), Nanophotonic metasurfaces for next-generation biosensors
- 15h45-16h00 **Yusuf Leblebici**, (<https://ism.epfl.ch/>), Next-generation non-volatile memory technologies and 3D integration
- 16h00-17h00** **Cocktails & Poster Session**