

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 2nd, 2017

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** (<http://cmi.epfl.ch>), Introduction
- 10h15-10h30 **Johannes Classen**, (*Robert Bosch GmbH, Reutlingen*), Advanced surface micromachining process – a first step towards 3D MEMS
- 10h30-10h45 **Fabien Sorin**, (<http://fimap.epfl.ch>), Scalable micro-fabrication over 2D substrates, fibers and fabrics via viscous flow engineering
- 10h45-11h00 **Stéphanie Lacour**, (<http://lsbi.epfl.ch>), Engineering elasticity in thin film materials and devices
- 11h00-11h30** **Break**
- 11h30-11h45 **Bart Deplancke**, (<http://deplanckelab.epfl.ch>), Microfluidic applications in regulatory genomics
- 11h45-12h00 **Georg Fantner**, (<http://lbni.epfl.ch>), Hybrid multi layer MEMS devices for nano- and bio-sensing
- 12h00-12h15 **Nicolas Grandjean**, (<http://laspe.epfl.ch>), III-nitride photonic crystal cavities
- 12h15-14h30** **Lunch & Poster Session**
- 14h30-14h45 **Erdem Alaca**, (<http://home.ku.edu.tr/~ealaca>), Silicon nanowires: Monolithic fabrication in thick SOI and systems integration
- 14h45-15h00 **Adrian Ionescu**, (<http://nanolab.epfl.ch>), Technologies for energy efficient computing and sensing at 100 mV
- 15h00-15h30** **Break**
- 15h30-15h45 **Valentin Flauraud**, (<http://lmis1.epfl.ch>), Single digit nanofabrication to control light at the nanometer scale
- 15h45-16h00 **Michael Zervas**, (<http://www.ligentec.com>), Silicon nitride photonic integrated circuits
- 16h00-17h00** **Cocktails & Poster Session**