

## MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 5<sup>th</sup>, 2015

Time: 09h30 – 17h00

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

### Program:

- 09h30-10h00** Coffees and Croissants, Distribution of Badges and Proceedings
- 10h00-10h05 **Andreas Mortensen**, *Vice-provost for Research*, Welcome address
- 10h05-10h15 **Philippe Flückiger** (<http://cmi.epfl.ch>), Introduction
- 10h15-10h55 **Thomas Kenny**, *Stanford University, USA*, The long path from MEMS resonators to timing products
- 10h55-11h10 **Simon Henein** (<http://instantlab.epfl.ch/>), Mechanical design at the watch scale: invention, theory and materialization
- 11h10-11h45** **Break**
- 11h45-12h00 **Christophe Moser** (<http://lapd.epfl.ch>), Non conventional optical imaging
- 12h00-12h15 **Esther Amstad** (<http://smal.epfl.ch/>), Production of amorphous nanoparticles using a microfluidic nebulator
- 12h15-12h30 **Silvio Dalla Piazza** (<http://www.microcrystal.com/>), Quartz Tuning Forks: A high-volume, low-cost, high-tech MEMS product
- 12h30-14h00** **Lunch & Poster Session**
- 14h00-14h15 **Yves Bellouard** (<http://bellouard.eu/>), Tailoring material properties using ultrafast laser exposure: a step towards new micromanufacturing paradigms
- 14h15-14h30 **Félix Bussières** (<http://www.unige.ch/gap/qtech/>), Single-photon detectors using amorphous superconducting nanowires
- 14h30-14h45 **Elison Matioli** (<http://powerlab.epfl.ch/>), Nanostructured devices for energy efficiency applications
- 14h45-15h15** **Break**
- 15h15-15h30 **Ross Stanley** (<http://www.csem.ch/>), Microfabrication for photonics at CSEM
- 15h30-15h45 **Steffen Diez** (<http://www.himt.de/>), Maskless Lithography
- 15h45-17h00** **Cocktails & Poster Session**