

## MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 8<sup>th</sup>, 2018

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 **Ali H. Sayed**, *Dean of Engineering*, Welcome address
- 10h05-10h15 **Philippe Renaud & Philippe Flückiger** (<http://cmi.epfl.ch>), Introduction
- 10h15-10h45 **Julia Greer**, *(California Institute of Technology)*, Materials by design: 3-dimensional nano-architected meta-materials
- 10h45-11h15 **Franz Laermer**, *(Robert Bosch GmbH, Stuttgart)*, BOSCH microfabrication technologies shaping MEMS
- 11h15-11h45** **Break**
- 11h45-12h00 **Jürgen Brugger**, (<https://lmis1.epfl.ch/>), Nano-engineering using a heated scanned probe
- 12h00-12h15 **Niels Quack**, (<https://q-lab.epfl.ch>), Carving micro- and nanostructures in single crystal diamond
- 12h15-12h30 **Tobias Kippenberg**, (<https://k-lab.epfl.ch>), Quantum optomechanics and optical frequency combs with microresonators
- 12h30-14h45** **Lunch & Poster session**
- 14h45-15h00 **Demetri Psaltis**, (<https://lo.epfl.ch>), Microfluidic devices for electrolysis
- 15h00-15h15 **Elison Matioli**, (<http://powerlab.epfl.ch>), Nanoscale technologies for efficient power conversion
- 15h15-15h45** **Break**
- 15h45-16h00 **Philippe Renaud**, (<http://lmis4.epfl.ch>), From the lab to the fab: how simple technologies translate into innovative products
- 16h00-16h15 **Jamie Paik**, (<https://rrl.epfl.ch>), Soft origami robots
- 16h15-16h20 **Jochen Zimmer**, (<https://www.nanoscribe.de>), Materializing ideas by additive microfabrication
- 16h20-17h00** **Cocktails & Poster session**