

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 7th, 2013

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 | Benoît Deveaud-Plédran , <i>Dean of Research</i> , Welcome address |
| 10h05-10h15 | Philippe Renaud and Philippe Flückiger (http://cmi.epfl.ch), Introduction |
| 10h15-10h35 | Albert van den Berg (http://www.utwente.nl/ewi/bios), Micro- and nanofabrication for lab on a chip |
| 10h35-10h55 | Anna Fontcuberta i Morral (http://lmsc.epfl.ch), III-V nanowires for solar cells |
| 10h55-11h15 | Peter Pfluger (http://www.tronicsgroup.com/), Towards new devices through new MEMS/NEMS fabrication technologies |
| 11h15-11h45 | Break |
| 11h45-12h00 | Romuald Houdré (http://loeq.epfl.ch), Hollow photonic crystal structures for sensing and optical trapping |
| 12h00-12h15 | Davide Balma (http://lc.epfl.ch), PZT thin films for fast and low-voltage MEMS applications |
| 12h15-12h30 | André Mercanzini (http://www.aleva-neuro.com), From zone 1 to the human brain: How Aleva developed a medical device at CMi |
| 12h30-14h00 | Lunch & Poster Session |
| 14h00-14h15 | Matthias Lutolf (http://lscb.epfl.ch), Engineering hydrogel microfluidics for stem cell biology |
| 14h15-14h30 | Victor Brasch (http://k-lab.epfl.ch), Frequency comb generation in silicon nitride microresonators |
| 14h30-14h45 | Michael Fey (http://www.bruker.com), NMR on the micro scale: Challenges and solutions |
| 14h45-15h15 | Break |
| 15h15-15h30 | Herbert Shea (http://lmts.epfl.ch), Artificial muscles on a chip |
| 15h30-15h45 | Ivan Minev (http://lsbi.epfl.ch), Soft neural electrodes for mechanically challenging applications |
| 15h45-16h00 | Patrice Minotti (http://www.silmach.com), Airflow control using distributed servoMEMS actuators |
| 16h00-16h15 | Nigam Samal (http://www.veeco.com), Patterning of magnetic sensors and piezoelectric devices by ion beam etch |
| 16h15-17h00 | Cocktails & Poster Session |