



MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 16th, 2006

Time: 09h30 – 16h30

Place: EPFL, Salle Polyvalente, Centre Est, CE 1 515

Program:

- 09h30-10h00** Coffees and Croissants, Distribution of Badges and Proceedings
- 10h00-10h15 **Ph. Renaud and Ph. Flückiger (CMI)**, Introduction
- 10h15-10h45 **P. Minotti (Silmach SA)**, Some academic & industrial challenges dealing with micromechanics and nomadic systems
- 10h45-11h00 **N. Wyrsh (IMT)**, Amorphous silicon based devices for micro-systems
- 11h00-11h15 **A. Dommann (CSEM)**, Possible collaboration models in the field of MEMS with the CSEM
- 11h15-11h30** **Break**
- 11h30-11h45 **W. Driesen (EPFL)**, Comb drive actuator for mm³ robots and other LSRO projects at CMI
- 11h45-12h00 **D. Briand (IMT)**, Solid propellant micro-thruster
- 12h00-12h15 **D. Badila (EPFL)**, Silicon-on-Insulator MEM Bulk Lateral Resonators with Deep Submicron Transduction Gaps
- 12h15-12h30 **Ch. Hinderling (CSEM)**, High aspect ratio structures from nanoscale etch-masks based on block-copolymer micelles
- 12h30-14h00** **Lunch & Poster Session**
- 14h00-14h15 **U. Lehmann (EPFL)**, DNA handling in a droplet-based magnetic Lab-on-a-Chip
- 14h15-14h30 **V. Linder (IMT)**, Microfluidic Toolbox for the Study of Mammalian Cells
- 14h30-14h45 **S. Mouaziz (EPFL)**, Cantilevers released with HF vapor
- 14h45-15h00** **Break**
- 15h00-15h15 **B. Boser (Berkeley)**, BSAC highlights
- 15h15-15h30 **N. Schneeberger (Debiotech SA)**, Debiotech's Drug Delivery Micro-Devices
- 15h30-15h45 **O. Zorlu (EPFL)**, Fluxgate-Type Magnetic Microsensors
- 15h45-16h30** **Cocktails & Poster Session**