



EPFL Center of
MicroNanoTechnology



Institute of microtechnology
university of neuchâtel

csem

centre suisse d'électronique
et de microtechnique



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 8th, 2007

Time: 09h30 – 16h30

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

Program:

- 09h30-10h00** Coffees and Croissants, Distribution of Badges and Proceedings
- 10h00-10h05 **D. Psaltis** (*Dean of the School of Engineering*), Welcome Address
- 10h05-10h15 **Ph. Renaud and Ph. Flückiger** (*CMI*), Introduction
- 10h15-10h45 **L. Lee** (*ETHZ*), Biologic ASICs & Quantum Nanoplasmonics for Systems Biology
- 10h45-11h15 **M. Puech** (*Alcatel Micro Machining Systems*), Fabrication of 3D Packaging Through-Silicon Via using DRIE
- 11h15-11h30** **Break**
- 11h30-11h45 **A. Mercanzini** (*EPFL*), Micro and Nanotechnologies for Implantable Neural Electrodes
- 11h45-12h00 **S. Buzzi** (*ETHZ*), Silver Direct Nanoimprinting for Photonics
- 12h00-12h15 **J. Thome** (*EPFL*), High Heat Flux Micro-Evaporators for Cooling of Microprocessors
- 12h15-12h30 **O. Frey** (*IMT*), Brain Implantable Biosensors Integrated on Silicon Microprobe Arrays
- 12h30-14h00** **Lunch & Poster Session**
- 14h00-14h15 **H. Lorenz** (*Mimotec SA*), Mechanical Microparts in LIGA and Silicon
- 14h15-14h30 **K. Moselund** (*EPFL*), Fabrication and Transport Properties of Gate-All-Around Silicon Nanowires
- 14h30-14h45 **Ch. Edouard** (*Flowdit*), Micro Vannes Dédiées au Contrôle d'Écoulement Aérodynamique: Construction et Applications
- 14h45-15h00** **Break**
- 15h00-15h15 **S. Rey-Mermet** (*EPFL*), Microfabricated Solid Oxide Fuel Cells
- 15h15-15h30 **Ph. Niedermann** (*CSEM*), Comlab as a Tool for Industrial MEMS Development
- 15h30-15h45 **K. Lister** (*EPFL*), Ebeam Lithography at CMI
- 15h45-16h00 **D. Rosenfeld** (*Swiss MNT Network*), Swiss MNT: a Step toward the Industry
- 16h00-16h30** **Cocktails & Poster Session**