



ÉCOLE POLYTECHNIQUE  
FÉDÉRALE DE LAUSANNE

## MicroNanoFabrication Annual Review Meeting

Date: Tuesday May 10<sup>th</sup>, 2005

Time: 09h00 – 17h00

Place: Salle Polyvalente, Centre Est, CE 1 515

### Program:

- 09h00-09h30** Coffees and Croissants, Distribution of Badges and Proceedings
- 09h30-09h40 **Prof. G. Margaritondo** (EPFL, Vice President for Academic Affairs),  
Welcome Address
- 09h40-09h50 **Prof. Ph. Renaud** (CMI) & **Ph. Flückiger** (CMI), Introduction
- 09h50-10h30 **J. Kitching** (NIST, Boulder, CO, USA), Microfabricated Atomic Clocks
- 10h30-11h00 **Prof. U. Staufer** (IMT), Scanning Force Arthroscopy
- 11h00-11h30 **M. Tormen** (CSEM), Tunable Diffractive Gratings
- 11h30-12h00 **Prof. O. Martin** (EPFL-STI-NAM), Controlling Light at the Nanoscale using  
Plasmonics
- 12h00-13h30** **Lunch & Poster Session**
- 13h30-13h50 **Prof. H. Shea** (EPFL@IMT), Designing MEMS for Reliability
- 13h50-14h10 **M.-A. Dubois** (CSEM), RF and Piezo Components
- 14h10-14h30 **Th. Braschler** (EPFL-STI-LMIS4), Playing with Microfluids, Gels and Cells
- 14h30-15h00** **Break & Poster Session (IMT & CSEM)**
- 15h00-15h20 **L. Vaccaro** (IMT), Microfabricated Probes for Near Field Optical Microscopy:  
Physical and Technological Challenges
- 15h20-15h40 **F. Cardot** (CSEM), Fuel Cell Cores
- 15h40-16h00 **J. Perruisseau** (EPFL-STI-LEMA), Distributed MEMS Variable True-Time Delay  
Lines
- 16h00-17h00** **Cocktails & Poster Session (EPFL)**