

Tuesday March 18th

MEMS AND NANOTECHNOLOGY THROUGH SCIENCE AND APPLICATIONS

SCIENTIFIC DAY OF NANOWAL The Wallonia network for nanotechnologies

- 9:30 AM** Welcome to participants
- 10:00 AM** Introductory word – Prof. Bernard Nysten, *Université catholique de Louvain, Belgium*
- 10:10 AM** « From Microelectronics to Microsystems » – Prof. Jean-Pierre Raskin, *Université catholique de Louvain, Belgium*
- 11:00 AM** Coffee Break
- 11:20 AM** « RF-MEMS : An enabling technology for reconfigurable radio front-ends » – Dr Harrie Tilmans, *IMEC, Belgium*
- 12:00 AM** « Acousto-electric MEMS : Simulation and Implementation » – Dr Sylvain Ballandras, *CNRS FEMTO-ST, France*
- 12:40 PM** Sandwich lunch with posters and demonstrations session
- 2:00 PM** « New generation of atomic force probes based on resonators for operation in a liquid medium »
Dr Lionel Buchaillot, *Institut d'Electronique, de Microélectronique et de Nanotechnologie, France*
- 2:40 PM** « Special issues in the integration of microsystems for medical implants » – Dr Hercules Pereira Neves, *IMEC, Belgium*
- 3:20 PM** NanoWal closing session – Prof. Bernard Nysten
- 3:30 PM** Parallel sessions with Coffee Break :
– NanoWal General Assembly
– Posters and demonstrations session
- 4:30 PM** Welcome to Microsystems Chair participants

INAUGURAL SESSION OF THE MICROSYSTEMS CHAIR

- 5:00 PM** Introductory session by Professor Laurent Francis
- 5:20 PM** « RF MEMS at EADS : concept, designs, and applications »
by Dr Bernhard Schönlinner, Research Scientist at EADS Innovation Works, Germany
- 6:00 PM** « MEMS industry and market overview » by Jérémie Bouchaud,
Vice-President of Market Research at WTC Wicht Technologie Consulting, Germany
- 6:40 PM** Closing session and Best Poster Award by Professor Bernard Coullie
- 6:50 PM** Walking cocktail and networking

If you wish to present a poster or a demonstration,
inform us during your registration.
The organisers will then contact you back for practical arrangements.



Auditorium Sainte Barbe, place Sainte Barbe
B-1348 Louvain-la-Neuve, Belgium
Access : follow indication panels « NanoWal – MEMS Chair »
Parking P11 - Sainte Barbe, GPS coordinates: 50° 40.067 N, 4° 37.295 E

Please reply **before the 7th of March 2008**, by e-mail (cath.dumont@uclouvain.be),
by fax (+32 10 47 31 95), by phone (+32 10 47 31 26) or by internet
(<http://www.uclouvain.be/chair-microsystems>).

ACCESS FREE OF CHARGE, REGISTRATION MANDATORY

The Microsystems Chair is supported by the

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