

Sunday, May 2

19.00 - 21.00 Welcome cocktail at Grand Hotel Mercure Président

Monday, May 3

8.00 - 9.00 Registration at Grand Hotel Mercure President

9.00 - 9.15 Opening Ceremony

1. Country Review

- 9.15 Ian Bates, Australia
RMIT University
- 9.30 Albert Van Den Berg, Belgium
University of Twente
- 9.45 Dan Gale, Canada
Canadian Microelectronics Corporation
- 10.00 ZhaoYing Zhou, China
Tshinghua University
- 10.15 Piotr Grabiec, European Delegation / Poland
Institute of Electron Technology
- 10.30 Coffee Break
- 11.00 Emmanuel Bigler, France
ENSMM & FEMTO-ST
- 11.15 Roland Zengerle / Henning Wicht, Germany
IMTEK / WTC
- 11.30 Shibani K Koul, India
IIT - Indian Institute of Technology Dehli
- 11.45 Igal Klein, Israel
Israeli Society of MOEMS, DDR&D, RAFAEL
- 12.00 Takayuki Hirano, Japan
Micromachine Center
- 12.15 Young-Ho Cho, Korea
Digital Nanolocomotion
- 12.30 Paolo Dario, Mediterranean Region
SSSA - CRIM Lab

Programme

- 12.45 Henrik Jacobsen, Nordic Region
Vestfold University College
- 13.00 Lunch
- 14.00 Siak Piang Lim, Singapore
National University of Singapore
- 14.15 Nico de Rooij, Switzerland
University of Neuchatel
- 14.30 Chih-Kung Lee, Taiwan
National Taiwan University
- 14.45 Geoff Beardmore, United Kingdom
Myriad Technology
- 15.00 Michael Gaitan, USA
NIST Semiconductor Electronics Division
- 15.15 Coffee Break
2. Government policy, National programs and Infrastructures
- 15.45 Strategy in 'integrated Micro-Nano-Systems': From add-on
to silicon into a new research field and emerging new
industry
Dirk Beernarert, European Commission
- 16.00 NEXUS / EURIMUS
Gaëtan Menozzi, France
MEMSCAP SA, Chairman of NEXUS and EURIMUS
- 16.15 Major new infrastructure facility and an associated R&D
programme
Geoff Beardmore, UK
Myriad Technology
- 16.30 CNRS basic research on Micro and Nanotechnologies
Michel de Labachellerie, France
CNRS - FEMTO-ST
- 16.40 Accelerating Innovation: the MINATEC initiative
David Holden, France
CEA-Léti/MINATEC
- 16.50 Military applications of Microsystems policy and strategy
in France
Xavier Grison, France
DGA

3. Education

- 17.00 Microtechnology education in Norway
Per Ohlkers, Nordic Region
Vestfold University College, Norway
- 17.15 Multimedia tool for understanding and explaining
microsystems
Philippe Fisher, Switzerland
FSRM
- 17.30 Networking on behalf of education and training in micro
and nano technologies
Dan Dascalu, European delegation
National Institute for R&D in microtechnologies, Romania
- 17.45 Comparison of Australian microtechnology postgraduate
masters programs with European programmes
Ian Bates, Australia
RMIT University
- 18.00 End of day 1
- 19.00 Departure for dinner at Château de Sassenage

Tuesday, May 4

4. Industrial developments in MNT (Micro & Nano Technologies)

- 8.45 A case study on SENSOROR AS - The long way from R&D to volume production
Henrik Jacobsen, Nordic Region
Vestfold University College, Norway
- 9.00 Top down nanotechnology: assembly based manufacturing
Tom Cellucci, USA
Zyvex
- 9.15 MEMSCAP Publicly listed company
Jean Michel Karam, France
MEMSCAP SA
- 9.30 MEMS for watches
Nico De Rooij, Switzerland
University of Neuchâtel
- 9.45 MOEMS - Finding the way getting through industrial technologies
Shiu Sche, Taiwan
Neostones Microfabrication Corporation
- 10.00 Make MEMS an industry
Dacheng Zhang, China
Institute of Microelectronics, Pekin University, First MEMS Co. Ltd.
- 10.15 MASMICRO: Integration of manufacturing systems for mass manufactures of miniature/microproducts
Thomas Maillard, European Delegation
CEDRAT Technologies, France
- 10.30 Coffee break
- 11.00 Creating a successful MEMS company: a case study
Chris Lumb, Canada,
MICRALYNE Inc.
- 11.15 The expectations on integrated MEMS devices in ITS vehicles
Kunihiko Hara, Japan
DENSO Corporation

- 11.30 Commercialization issues for the emerging micro-
Nanosystems Industry
David Tolfree, United Kingdom
Technopreneur Ltd.
- 11.45 Wafer engineering for MEMS
Veli Matti Airaksinen, Nordic Region
HUT, Finland
- 12.00 MEMS projects in TeraOpt
Miriam Hershkovitz, Israel
TeraOpt
- 12.15 Development of the AECM microtechnology systems at
RMIT: A case study
Ian Bates / Jason Chaffey, Australia
RMIT University
- 12.30 Industrial infrastructure and services for micro /
nanotechnologies - A world wide assessment
Patric Salomon, Germany
4M2C Patric Salomon GmbH
- 12.45 Status of the MEMS industry
Jean Christophe Eloy, France
Yole Développement
- 13.00 Lunch

5. Future Outlook - Advanced research in MNT

- 14.00 Promoting microfluidics as a new research strategy
Yong Chen, France
ENS - CNRS/LPN
- 14.15 Heading towards nano-bio: the reality check
Ed Bell, United Kingdom
Crown Microsystems
- 14.30 Human++: Autonomous sensors for health and comfort
monitoring
Chris Van Hoof, Benelux Region
IMEC, Belgium
- 14.45 MEMS and Nanotechnology in ITRI
Tung-Chuan Wu, Taiwan
MIRL/ITRI

- 15.00 Integration of European research in Multi-Material Micro
Manufacture within the EC FP6 programme
Stephan Dimov, European delegation
Cardiff University, Scotland
- 15.15 Prospects in microfluidics
Anne Marie Gué, France
CNRS/LAAS
- 15.30 Making contacts to individual molecules
Peter Grutter, Canada
Mc Gill University
- 15.45 Coffee break
- 16.15 Short comments on biochemistry
Toshiro Shimoyama, Japan
Olympus Corporation
- 16.30 Comb Drive actuator for optical applications - Case study
Slava Krylov, Israel
Tel Aviv University
- 16.45 Tool based micro and nano machining
Lim-Siak Piang, Singapore
National University of Singapore
- 17.00 Nano on micro devices
Isao Shimoyama, Japan
University of Tokyo
- 17.15 From Lab-on-Chip to Lab-in-a-Cell
Albert Van Den Berg, Benelux Region
University of Twente, The Netherlands
- 17.30 Biochips : trends and challenges
Pierre Puget, France
CEA-Léti
- 17.45 End of day 2
- 19.00 Departure for dinner at La Bastille

Wednesday, 5 May - Technical Tour

Programme