



PROGRAM

April 25, Wednesday

- 17.30-19.30 Registration at Telecom Future Centre
- 19.45-21.00 Welcome Cocktail at Hotel Bonvecchiati

April 26, Thursday

- 8.00-9.00 Registration at Telecom Future Centre**
- 9.00-9.15 Opening Ceremony**
Paolo Dario, General Chair
Mario Zen, General Co-Chair
- 9.15-10.45 Session 1**
Country and Region Review
- 9.15-9.30 Australia: Jason Chaffey
9.30-9.45 Benelux: Albert Van Den Berg
9.45-10.00 Canada: Daniel Gale
10.00-10.15 China: Zhaoying Zhou
10.15-10.30 European Commission: Augusto De Albuquerque
10.30-10.45 France: Chantal Khan-Malek
- 10.45-11.15 Coffee Break**
- 11.15-11.30 Germany: Roland Zengerle
11.30-11.45 India: Shiban K Koul
11.45-12.00 Japan: Isao Shimoyama
12.00-12.15 Korea: Young Ho-Cho
12.15-12.30 Mediterranean: Paolo Dario
12.30-12.45 Nordic: Per Ohlkers

12.45-13.00	Singapore: Albert Lu
13.00-14.00	Lunch
14.00-14.15	Switzerland: Nico De Rooij
14.15-14.30	Taiwan: Pei-Zheng Chang
14.30-14.45	United Kingdom: Geoffrey Beardmore
14.45-15.00	USA: Michael Gaitan
15.00-17.45	Session 2 Tools for Growth: Strategies, Cooperation, Infrastructures and Education
15.00-15.15	Andreas Lymberis, European Commission: Micro-nano systems: opportunities under EU framework program 7 for R&D
15.15-15.30	Sean Neylon, European Commission: MicroBioNano Research activities within the EU: vision from Nexus and outlook to the FP7
15.30-15.45	Gaetan Menozzi, MEMSCAP, Crolles, France: EURIPIDES: the EUREKA initiative for Smart Systems Integration
15.45-16.00	Carles Cané, Centre Nacional de Microelectrònica, Barcelona, Spain: European Technological Platforms: Example of how they are addressed at Spanish level
16.00-16.15	Summit picture
16.15-16.45	Coffee Break
16.45-17.00	H.W.M. Salemink, Delft University of Technology, Delft, The Netherlands: NanoNed, the Dutch Nanotechnology Program
17.00-17.15	Veli-Matti Airaksinen, Helsinki University of Technology, Finland: MICRONOVA: the Centre for Micro and Nanotechnologies
17.15-17.30	Dan Dascalu, IMT, Bucharest, Romania: NanoScale and NanoBio Labs developed by national networks: to be used at a regional scale
17.30-17.45	Karan Kaler, University of Calgary, Canada: MEMS, Microfluidics and Microsystems Initiatives and Innovations in Western Canada
17.45-18.00	Jong-Uk Bu, KAIST, Korea: Nano Clusters in Korea
18.15-19.15	Sunset Tour across St. Mark's Basin
20.30-23.00	Banquet at Palazzo Nani Bernardo

April 27, Friday

8.30-12.45

Session 3

From Research to Commercialization: Market, Industrialization and Standardization

8.30-8.45

Keiichi Aoyagi, Micromachine Center, Japan:

MEMS Industry Forum: Market, Standardization and Industry Development

8.45-9.00

Koichi Karaki, Olympus, Tokyo, Japan:

Recent Progress of MEMS and Nano Technology at Olympus

9.00-9.15

Ian Bates, RMIT University, Melbourne, Australia:

Commercialising Microtechnologies: A Funding Perspective

9.15-9.30

Stefan Finkbeiner, Bosh, Germany:

MEMS at Robert Bosch - From Automotive to Consumer

9.30-9.45

Norbert Fabricius, Karlsruhe Institute of Technology, Germany:

ISO and IEC Standardization Activities in the Field of Nanotechnology

9.45-10.00

Christine Neuy, IVAM Microtechnology Network, Dortmund, Germany:

The Special Needs of Small and Medium Enterprises in MEMS

10.00-10.15

Ron Lawes, Imperial College, London, UK:

Are High Aspect Ratio Techniques too Expensive for Cost Competitive Foundry Manufacture?

10.15-10.30

Yeau-Ren Jeng, National Chung Cheng University, Taiwan:

Nanotechnology National Program and Its Impacts on Nano-enabled Industries

10.30-11.00

Coffee Break

11.00-11.15

Star Ruey-Shing Huang, National Tsing Hua University, Hsinchu, Taiwan:

First Decade Taiwan MEMS: From Academic to Industry Development

11.15-11.30

Gaetan Menozzi, MEMSCAP, Crolles, France:

MEMSCAP: set for growth

11.30-11.45

Henning Wicht, WTC, Germany:

MEMS industry analysis 2007 - 2010: Changes in the Supply Chain

11.45-12.00

Pascal Ancy, ST Microelectronics, Crolles, France:

RF-MEMS & Micro-Nano integrated platforms: development within European projects

- 12.00-12.15 **Roberto De Nuccio, ST Microelectronics, Milan, Italy:**
MEMS for consumer market
- 12.15-12.30 **Bruce Alton, Micralyne Inc, Alberta, Canada:**
The Global MEMS Supply Chain: A Foundry's Perspective
- 12.30-12.45 **Androula Nassiopoulou, IMEL/NCSR Demokritos, Greece:**
Micro&Nano: The Greek micro-nano technology and MEMs Network
- 12.45-14.00 Lunch and Meeting of Chief Delegates**
- 14.00-18.45 Session 4
New Concepts and Technologies**
- 14.00-14.15 **John Moreland, NIST, USA:**
Chip Scale Atomic Clocks
- 14.15-14.30 **Wengang Wu, Beijing University, China:**
Three dimensional nano-assembly by focused ion-beam-stress-introducing technique
- 14.30-14.45 **Jiao Jiwei, Chinese Academy of Science, Shanghai, China:**
Fabrication and Characterization of Nano ElectroMechanical Structures at SIMIT
- 14.45-15.00 **Reiner Wechsung, MicroParts GmbH, Dortmund, Germany:**
Potentials of Micro-Nano-technologies for Biomedical Applications
- 15.00-15.15 **Thomas Gessner, FhG-IZM, Berlin, Germany:**
Smart Systems Integration - Introduction of new activities of the Fraunhofer Alliance Microelectronics
- 15.15-15.30 **Vincent Lin, Touch Micro-system Technology, Taiwan:**
The Evolution of Miniature Opto-mechanics Device
- 15.30-16.00 Coffee Break**
- 16.00-16.15 **Ki-Hun Jeong, KAIST, Seoul, Korea:**
3D Polymer Micromachining for Omni-directional Sensor Arrays
- 16.15-16.30 **Marco Lazzarino, CNR-INFM, Trieste, Italy:**
The twin cantilever approach to the single molecule detection

16.30-16.45	Hyung Dong Kang, Samsung Electro-Mechanics, Korea: Direction of the Development of Next Electronic Components
16.45-17.00	Masao Arakawa, Matsushita Electric Works, Japan: Wafer Level Packaging Technology at Matsushita Electric Works
17.00-17.15	Koichi Imanaka, OMRON Corporation, Japan: Recent Activity on Micro/Nano Technology at OMRON Corporation
17.15-17.30	Iikka Tittonen, TKK, Finland: Rapid Prototyping Process for SOI Based MEMS Devices
17.30-17.45	Markku Tilli, Research Okmetic Oyj, Finland: MEMS Optimized Silicon Material
17.45-18.00	Terry Lee, SST Wireless Inc., Delta, Canada: Integrated Wireless Smart Sensors & Micro-nano Generators
18.00-18.15	Bingchu Cai, Shanghai Jiao Tong University, China: Some CNT-related fundamental technologies and its application- breath sensors-
18.15-18.30	Chenyang Xue, North University of China, China: The application of MEMS Devices in dangerous chemical transportation
18.30-18.45	Conclusions and presentation of MMS '08
18.45-20.00	Farewell Party at Telecom Future Centre

April 28, Saturday

Technical Tours

9.30-12.30	NanoFab, Marghera
8.30-18.00	ITC, Trento