

Competitiveness and cooperation for converging technologies

Third MINOS-EURONET Strategy Forum

Nanoelectronics, Photonics and Micro- and Nano- Systems Technologies (MNST)
for European knowledge-based economy.



Kraków, Poland, September, 6-7, 2007

The Forum was organized by the Institute of Electron Technology (ITE), MINOS-EURONET network and MINAS Polish Scientific Network with honorary patronage of the Ministry of Science and Higher Education and European Commission, DG Information Society - Components and Systems.

Forum agenda was focused on strategy issues of R&D in the area of nanoelectronics and MNST. The implementation of knowledge into economy through transnational cooperation and coordination of local, regional and transnational research and development initiatives were predominantly addressed. These issues are of extreme importance for the New Member States on their ambitious way to strengthen their emerging economies and integrate them with European market. The Forum was linked to the **IX-th National Scientific Conference on Electron Technology ELTE'07**, <http://www.elte2007.agh.edu.pl/> in order to enable participants of scientific conference to attend this strategy and policy event as well as start and prolong direct contacts with researchers of similar or complementary research interests representing successful FP projects in order to co-operate in future 7FP ICT calls.

Invited speakers represented European Commission, national and regional political bodies responsible for supporting research, and European Technology Platforms as well as organizations coordinating 6 FP funded Networks of Excellence and Integrated Projects: **Dirk Beernaert**, European Commission, Head of Nanoelectronics Unit - DG Information Society - Dir. G. Components and Systems **Jaroslav Mizera**, Council of Science, Ministry of Science and Higher Education, Poland, **Jean Tkaczuk**, Midi Pyrenees, France, Recherche, Head of Transferts de Technologies, **Henri Rajbenbach**, European Commission, Directorate General Information Society and Media, **Nina Etela**, Nordic Innovation Centre, **Ana Almansa**, MINAM Technology Subplatform, **Juan Hernani**, General Manager, EUROBUGA, Basque Government Agency for International Research. Bilbao, Spain, **Carles Cane**, Centre Nacional de Microelectronica, Barcelona, Spain **GOOD FOOD NoE**, **Tomasz Miroslaw** - EPoSS European Technology Platform, **Roland Brandenburg**, FFG Austria - MNT-ERA.NET network, **Fabio Coccetti**, LAAS-CNRS, Toulouse, France - AMICOM NoE, **Sven Holmstrom**, KOC University, Istanbul, Turkey, **Gaetan MENOZZI** - EURIPIDES Office, **Janusz Marszalec**, Innovatech Consulting, Warsaw, Poland, **John Winfield**, Microelectronics Support Centre, Rutherford Appleton Laboratory, United Kingdom - EURORACTICE initiative, **Werner Brenner**, Vienna University, Austria - ASSEMIC NoE, Rebeca Simpson, GOSPEL NoE, **Chris Matthews**, Cardiff University, UK- 4M NoE

The **first Forum session** was devoted to the strategic issues of **innovation policy**. The European strategic innovative policy is essential to pursue Lisbon Agenda objectives. The presentations given by the EC representatives and the Polish Ministry of Science explained the objectives and gave details of procedures created for supporting innovative cooperation:

1. *Strategy for reinforcement of Polish research and development area in the field of nanosciences and nanotechnologies*, Prof. **Jaroslav Mizera**.
2. *Nanoelectronics and Microsystems in ICT Calls for Applicants in FP7*, **Dirk Beernaert**.
3. *Micro and nano-system technologies, photonic components and subsystems - Funding opportunities in the ICT programme*, **Henri Rajbenbach**.

During **second session** the scheduled bilateral strategic meetings with cooperation initiatives took place in order to establish or deepen contacts as well as to discuss and plan joint efforts enhancing innovative MNST cooperation particularly focused for NMS: Forum participants exploited the opportunities for face to face contacts with the coordinators of existing EU-funded projects and discuss potential partnering and possible offers of cooperation or expressions of interest for future collaboration:

EURIPIDES - EUREKA Cluster for Packaging & Integration of μ Devices&Smart Systems, **ASSEMIC** - Advanced Methods and Tools for Handling and Assembly in Microtechnology, **GOOD FOOD** - Micro-Nanotechnologies in food and beverage, **GOSPEL** - European Network of Excellence in Artificial Olfaction, **4M** - Multi Material Manufacture Network of Excellence, **EPoSS** - European Technology Platform on Smart Systems Integration, **MINAM** - The European Technology Platform for Micro- and Nano-manufacturing, **MNT-ERA.NET** - Micro-and Nanotechnology European Research Area Network,



Dirk Beernaert, European Commission, Head of Unit Nanoelectronics