

EuroNanoForum 2009

Announcement of the European and International Forum on Nanotechnology

EuroNanoForum 2009 **Nanotechnology for Sustainable Economy**

3-5 June, 2009
Prague, Czech Republic

organized by the Technology Centre of the Academy of Sciences of the Czech Republic with the support of the European Commission under the auspices of the Ministry of Education, Youth and Sports of the Czech Republic as an official event of the Czech Presidency of the Council of the European Union

Following the successful EuroNanoForum 2003 (Trieste), EuroNanoForum 2005 (Edinburgh) and EuroNanoForum 2007 (Düsseldorf) the **EuroNanoForum 2009** will showcase state of the art developments in nanosciences and nanotechnology and bring together excellent scientists with leading researchers, policymakers, investors and representatives from industry as well as civil society, fostering networking and knowledge transfer in Europe. Involving broad areas of nanotechnology research and development as well as its applications the Forum will create rather unique opportunity for researchers and industrial experts coming from diverse fields of science and technology to meet discuss and investigate new areas for mutual co-operation.

Focusing on „**Nanotechnology for sustainable economy**” the **EuroNanoForum 2009** will help to address several acute issues underlining sustainable development of the European society and industry, such as need for reduction in carbon emissions and fossil fuels dependence, substantial increase in energy and material production sustainability and efficiency, pollution control, clean water management and sustainable quality of life of the European citizen, through application of nanotechnology.

SCOPE

The 3 days conference programme with 5 parallel thematic sessions and poster session will cover the following thematic areas:

- * **Nanotechnology in Eco-& Energy-efficient industrial production**, with particular focus on Nano S & T applications in chemical sector, transportation, construction and textile industry
- * **Nanotechnology for Energy production and management**, such as photovoltaics, , hydrogen production and storage, fuel cells supercapacitors, efficient lightning and insulation
- * **Nanotechnology in Environmental protection and Pollution management**, including applications in pollution monitoring and remediation and water and waste management
- * **Future applications and new ideas in the range of Bionanotechnology, Nanomaterials and Nanoelectronics & Nanophotonics** for sustainable development of the European society and competitiveness of the European industry
- * **Nanotechnology education, standardization and ELSA¹ of nanotechnology**

¹ Ethical, Legal and Societal Aspects



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EXHIBITION

The conference will be accompanied by an industrial exhibition demonstrating different ways of industrial implementation nanotechnology into industrial products in the areas related to the main theme of sustainability and environment.

The conference will be also open to host exhibits of new and innovative concepts and services for responsible and sustainable development of nanotechnology.

PARALLEL EVENTS

The conference will be open to host a series of events aimed on fostering European RTD collaboration such as meetings of ERANETs and NoEs, WG meeting of ETPs and/or project related to the main theme of the conference.

Moreover, a joint brokerage event organized by NCP Networks in NMP and European Enterprise Network is planned to take place at the conference, providing the opportunity to search for partners for an RTD proposal for future NMP calls, offer expertise for a consortium building, offer an innovative technology, search for an innovative technology, search for a business partner etc.

Further to this an independent and unique set of outreaching and communication activities towards a general public, including art exhibitions and performance as well as a road show exhibition of the NanoTruck, themed „High-tech from NanoCosmos – a world of minute proportions”, will demonstrate the potential applications of nanotechnologies and their socio-economic benefits and risks.

FURTHER INFORMATION

All information will be available at the following website:

www.euronanoforum2009.eu

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