

EuroNanoForum 2003 Held in Trieste Dec. 9-12, 2003

The EuroNanoForum 2003 was held recently at the Congress Centre located by the downtown seaside of the beautiful city Trieste, North East of Italy. The opening ceremony and keynote lectures were held at the Giuseppe Verdi Theatre, main music opera theatre of Trieste city. Information about Trieste City, Scientific Community, Event program and other related to the event is available at their portal site http://www.euronanoforum2003.com/index_en.php.

The event was very professionally organized especially in terms of logistics and conference program design and topics. EuroNanoForum 2003 was the joint initiative of both the European Commission (http://europa.eu.int/comm/research/industrial_technologies/index_en.html) and the Sviluppo Italia Friuli Venezia Giulia (FVG) (<http://www.sviluppoitalia.it/sviluppoitalia/homepage?lang=en>) and was co-organized by regional government Regione Autonoma Friuli-Venezia Giulia together with the local scientific community including the Sincrotrone Electtra (www.elettra.trieste.it), TASC-INFM (www.elettra.trieste.it), SISSA (www.sissa.it/) and others. Details of Nanoscience and Technology activities in Trieste region will be included in a separate upcoming report at APNW site.

The event attracted over a thousand participants from all over Europe, North America and Japan. Participants include policy makers, government officials, R & D community, students, industrialists, investors and of course journalists. There were about 20 exhibitors shown in the below table categorized by the author:

Region	Name	Category
Austria	Konstantin Technologies	Metallurgy, Coating, Robotics
	Microelectronic Cluster	Microelectronics, ICT
	NANONET Styria- The Nanotechnology Initiative of the Austrian Province of Styria	Network
European-wide	Central European Initiative (CEI), Trieste	Government
	EBN- European Business and Innovation Centre Network, Belgium	Business, Network
	European Commission Research Directorate Central-“Nanotechnologies, Materials, Production” and CORDIS www.cordis.lu	Government, Policy
	FP6 National Contact Points- Thematic Priority 3 Nanotechnologies, Materials, Production	Government, Network
Germany	Nanogate Technologies GmbH	Composites, Ceramics, Powders

	ROBOSEM OFFIS	Microrobotics, Control Engineering
Italy	A.P.E Research S.r.l	SPM instrumentation
	Area Science Park	Government, Network
	Friulia S.p.A. Finanziaria Regionale Friuli- Venezia Giulia	Government, Investment
	LILIT Group- Laboratorio TASC-INFM	Government, R & D
	MBE Nanomaterialia	Nanophased Materials
	Sviluppo Italia Spa	Government, Investment, Business Development
	Trieste Chamber of Commerce-the ICT Desk "Trieste On-line"	Government, Information Portal
	Veneto Nanotech	Government, Network, R & D, SME Incubation, Training
Japan	New Energy and Industrial Technology Development Organization (NEDO)	Government, Network
The Netherlands	Kluwer the Language of Science	Publishing

In particular NEDO from Japan took the largest and most outstanding stand at the exhibition area showing its R & D activities of the large national program on Nanomaterials managed by its Nanotechnology and Materials Development Department. Details of Japanese participation will appear in the upcoming article at APNW site.

There were 1000 young students participated in the NanoTechYoung initiative on Dec. 10th during EuroNanoForum 2003 special session `Young and Careers`. This Is run by the organizer local Sviluppo Italia FVG in order to develop the awareness of Nanotechnology among university and high school students. Details of this initiative can be found at the site http://www.euronanoforum2003.com/sez_news_en.php.

The event include quite a substantial poster session demonstrating R & D work in topics such as fundamental Nanosciences; Society Aspects and Communication; Research, Industrial, Innovation & Entrepreneurship, Financing Instruments; Infrastructure, Equipment and Metrology; Nano-Manufacturing and Instrumentation; Functional Materials; Nanoelectronics; Health & Medicine; Energy; and Nano-robotics and NEMS. In particular the Nanoscience session contributed about 1/3 posters. Majority of the posters were contributed from Italian research community. The rest were contributed from other European countries (including Germany, Switzerland, France, Belgium, UK, the Netherlands, Sweden, Finland, Ireland, Greece, Portugal, Poland, Romania, Serbia,

Croatia, Hungary, Turkey, and Slovenia), Mexico, Canada, South Africa, Japan and Korea. Switzerland, France, Slovenia and Croatia had quite substantial contributions.

E. Andreta, Director of “Industrial Technologies”, Research Directorate-General, European Commission, made the opening speech for the EuroNanoforum 2003. He pointed that Nanotech has been set in the EC’s priority policy making and that the 6th Framework program opens to proposals from the world and EC funds proposals from outside EU including South Africa and other developing countries such as China. Dr Andreta stressed that knowledge belongs to humanity, not individual country.

The opening speeches were also given by the Governor of Regione Friuli-Venezia Giulia Italy (the Regional government around Trieste of Italy) Mr R. Illy (the owner of the Illy coffee in Italy), Deputy Ministry for Education, University and Research Italy Mr G. Possa, and the video address from the President of the EC for Research Ph. Busquin.

The oral presentations focuses on topics such as basic Nanosciences(chaired by A. Fursenko, First Deputy Minister of Industry, Russia), Societal Aspects and Communication (chaired by Mike Roco from NSF USA), International Co-operation (chaired by E. Andreta), Accession Countries and Associated States (chaired by S.Gaber, Minister of Education, Science and Sport, Slovenia), Education and Training (chaired by A. De Maio, Commissioner of CNR Italy) and other topics such as Research, Industrial, Innovation & Entrepreneurship, Financing Instruments; Infrastructure, Equipment and Metrology; Nano-Manufacturing and Instrumentation; Functional Materials; Ambient Intelligence, Nanoelectronics; Nanobiotechnology for Health; Energy; Nano-robotics and NEMS and Optics and Photonics.

The event has very high level governmental attendance and presentations including Nanotech overview on Israel presented by the Nobel Laureate S. Peres, Slovenia, South Africa, Switzerland, UK, Italy, Brazil, Japan, Russia, EC, USA, and other participating countries. Other Nobel Laureates Sir H. Kroto and S. Iijima gave impressive plenary talks on Fullerenes and Carbon Nanotubes.

Please visit the EuroNanoforum2003 site for details of the program at <http://www.euronanoforum2003.com>.

There are a number of additional programs organized by the organizers from EC (Media Coordinator Patrick Vittet-Philippe) and Sviluppo Italia FVG (led by Antonio Sfiligoj) including the Press Presentation give by Riccardo Illy, Ezio Andreta, and Massimo Caputi (CEO of Sviluppo Italia); Press Point at the Opening Ceremony held at the Verdi Theatre presented by Teruo Kishi (VP of the Science Council of Japan), Sir Harry Kroto, Mihail Roco, and Helmut Schmidt (Director of Inst. of New Materials Germany); Visit of the Sincrotrone Facilities and Presentations on Nanotechnology in Trieste region (Details will be address in the upcoming article at APNW); The Incredible Potential of Nanotechnology addressing the topics on molecular motors, applications to transport sector and energy issues; and finally the Nanotechnology in Health & Medicine addressing topics on instrumentation and tools, tissue engineering and pharmaceutical applications.



Dr Ezio Andreta giving the opening speech on Dec. 9th 2003 at the Verdi Theatre of Trieste.



Opening Press Point on Dec. 9th. From left to right (Teruo Kishi, Sir Harry Kroto, Mihail Roco, and Helmut Schmidt. The very right person is the EC Media Coordinator Patrick Vittet-Philippe).