

## Nanoscience and Technology Opportunities in North-East Italy

One of the key components of the EuroNanoforum 2003 is to promote Nanotechnology awareness in the Friuli Venezia Giulia (FVG) region (North-East Italy). The local organizer of the event, Sviluppo Italia Friuli Venezia Giulia (FVG) has been the catalyst and coordinator in making it happen. Within the Framework of EuroNanoForum 2003, the International Nanotechnology Forum of Trieste (Trieste is the Capital city of the region) was launched with the mission of coordinating research activities, education and training in Nanoscience and Nanotechnology in the region. In addition, this consortium includes research institutions in the cross-border countries such as Slovenia and Austria. In particular, the Sviluppo Italia FVG facilitates technology transfer, partnerships between research institutions and industries nationally and internationally and incubating start-ups. The consortium aims at addressing the economic impact of Nanotechnology and to bridge the gap between research and commercialisation. The consortium gathers the technology incubators, industries, universities and national laboratories in the North-east Italian and its neighbouring countries such as Austria and Slovenia in order to integrate the resources for accelerating the nanoscience and technology development in the region. It addresses the Nanotechnology impact in the future economy through the synergy of all partners involved.

The first Italian Nanotechnology PhD course has been launched at the University of Trieste with participation from University of Udine and Venice.

The following table summarizes the key organizations involving in the Nanotechnology Forum of Trieste in the North-East of Italy:

Name	Specialty	Funding Source	Education	Website/Comment
Area Science Park	Incubator, Biotech, Instrumentation	Ministry of Education, University and Research		<a href="http://www.area.trieste.it">www.area.trieste.it</a> Largest Italian Science Park
Consorzio Friuli Innovazione	Network Consortium	Local Government		<a href="http://www.inchas.it/cfi/index.html">http://www.inchas.it/cfi/index.html</a>
DEMOCRITO S-INFM	Computational Nanoscience	Government		<a href="http://www.democritos.it">www.democritos.it</a>

ELETTRA Synchrotron Light Laboratory	Nanofabrication	Research AREA, National Institute for the Physics of Matter and National Research Council		<a href="http://www.elettra.trieste.it">www.elettra.trieste.it</a> Synchrotron Facility in Italy
SISSA/ISAS-ICTP	Computational Nanoscience specialising in Physics and mathematics and their applications in electronics and biosystems	Government	Graduate Studies in Nanoscience including PhD Programs	<a href="http://www.sissa.it/">www.sissa.it/</a> <a href="http://www.ictp.trieste.it">www.ictp.trieste.it</a>
Sviluppo Italia Spa	Investment Business Facilitator	Government		<a href="http://www.sviluppoitalia.it/sviluppoitalia/homepage?lang=en">http://www.sviluppoitalia.it/sviluppoitalia/homepage?lang=en</a>
TASC-INFM	Nanofabrication , Semiconductor Nanostructures	Government		<a href="http://www.tasc.infm.it">www.tasc.infm.it</a> Details of Nanoscience and Technology activities about TASC-INFM, please read Report No.34 at APNW site.
University of Trieste	Nano-Ceramics	Government	International Nanotechnology PhD Course (main coordinator)	<a href="http://www.units.it">www.units.it</a> Center of Excellence for Nanotechnology in Italy
University of Udine	Nano-Catalyst	Government	International Nanotechnology PhD Course	<a href="http://www.uniud.it">www.uniud.it</a>



Picture taken at the Press Point ELETTRA Synchrotron during the EuroNanoForum 2003

From left to right:

Patrick Vittet-Philippe (Media Coordinator from EC), Prof. Alessandro Trovarelli (Univ. of Udine), (President of AREA), Antonio Sfiligoj (Director of Sviluppo Italia FVG), Prof. Carlo Rizzuto (President of ELETTRA), Prof. Domenico Romeo (President of Univ. of Trieste), Prof. Erio Tosatti (SISSA and Deputy Director of ICTP), Prof. Giorgio Rossi (Director of TASC-INFN)