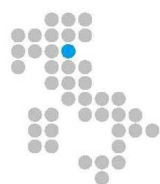


CALL FOR PAPERS & CALL FOR WORKSHOPS



Nanotech**ITALY**2012

INTERNATIONAL SHOWCASE FOR NANOTECHNOLOGIES

PROMOTING
RESPONSIBLE
INNOVATION

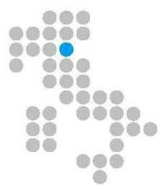
International Conference, Venice, November, 21-23, 2012

Nanotechnologies, in connection with the other EU Key Enabling Technologies (KETs), are recognized as the drivers to address the challenges indicated by **Horizon 2020** and also by the **Italian National Research Programme**.

The three day event, organized by AIRI/Nanotec IT, the National Research Council (CNR), the Istituto Italiano di Tecnologia (IIT) and Veneto Nanotech, will highlight how nanotechnologies can contribute to answer these challenges and promote competitiveness and responsible innovation in a variety of strategic sectors that will shape future growth. The leading themes will be:

- **Advanced materials for improved use of resources:** industrial manufacturing, processes and production; multifunctional, lightweight materials; multisector sustainable solutions.
 - *Surface technologies, CNT, grafene, nanodiamonds and other carbon based nanomaterials; nanocomposites; nanoporous materials and aereogels; nano-cyristalline metals, metal oxides; nanofibers; nanometrology, etc.*
- **Health Care:** improving the lifelong health and wellbeing of all
 - *In vitro and in vivo diagnostics; therapeutics and theranostic; personalised medicine; biostructures; biosensors, etc. Focus on cancer and ageing society (degenerative and cardiovascular diseases, regenerative medicine).*
- **Intelligent and connected world:** developing next generation nanodevices and nanosystems
 - *Nanoelectronics, organic electronics; magneto-electronics; magnetic storage and memory devices, MEMS/NEMS, nanophotonics, nano-robotics; etc.*
- **Energy and environment:** greener products and processes for a sustainable development
 - *Energy storage, saving, conversion and production; (environmental) sensing; site remediation. Focus on water preservation and purification.*
- **Made in Italy & Cultural Heritage:** nanotechnologies to support national leading hedge sectors, reshape traditional productions and preserve and protect the cultural heritage
 - *Conservation of cultural heritage; safety & quality of food and other bio-based products; textiles, fashion & luxury goods; mechatronics, etc.*
- **Safety, ethics and societal impacts**
 - *Risk management; nanotoxicology; regulation & standards ,ethical and societal issues, etc.*





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The Conference will offer

- The latest developments at world level of nanotechnologies across these key industrial sectors
- A comprehensive picture of nanotechnologies activities in Italy
- Innovation and business practices
- Governance and policy actions
- Matchmaking and networking opportunities

Call for papers

Contributions should address scientific and industrial developments in the above areas and can be in the form of an oral presentation or a poster. The abstracts will be reviewed by a Scientific Committee composed of representatives of national and international private and public research and industry.

Deadline: July 13th, 2012

Call for workshops

Contributions should aim to present, during a dedicated workshop, activity and results of EU, national, regional research and innovation projects addressing the themes of the Conference.

Proposals will be reviewed by the Scientific Committee. The selected workshops will be included in the program and dissemination material of NanotechItaly.

The proponents are expected to define workshop program (duration about 2 hours), invite and follow-up with the speakers, collect the related abstracts and coordinate the workshop onsite. Conference premises and services will be made available by NanotechItaly, upon a minimum guaranteed participation or reimbursement of the costs (details available upon request).

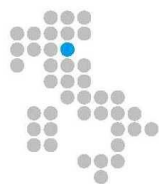
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Horizontal issues

Space will be available (in the exhibition area) for presentation of information about the following topics:

- Educational and communication initiatives on Nanotechnologies
- Intellectual Property (IPR) and Nanotechnologies





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Exhibition area

Different type of exhibition stand will be available. Information will be provided upon request.

Matchmaking

Bilateral meetings provide a perfect opportunity for nanotech professionals to exchange knowledge and information, to share and discuss ideas, to evaluate potential (international) collaboration, and to find future business or project partners. Meetings can be pre-arranged with all Conference participants through a dedicated matchmaking service delivered by APRE, Agency for the Promotion of European Research.

Attendees

An average of more than 500 participants a year attended the past 4 editions of NanotechItaly, which included representatives of national and international leading edge companies, universities, research centres, business and government organizations from more than 20 countries worldwide. In 2011, there has been 3 Introductory Lectures, 110 oral presentations and 134 poster presentations, 13 exhibitors, side events and presentations from 6 EU projects (Nanofutures, ObservatoryNano, NanoSustain, NanoCom, Keen Regions, NanoCode).

The 2011 edition has been held under the Distinguished Patronage of the President of the Italian Republic.

Past editions

Information available at: http://www.nanotechitaly.it/?page_id=124&lang=it

Venue

The NH Hotel Laguna Palace Convention Center, Viale Ancona, 2 30172, Venezia Mestre (Italy)

Event management

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