

industrial technologies 2010

integrating nano, materials and production

European focus on nano, materials and production technologies in Brussels

Brussels 7th September 2010 – The major European conference Industrial technologies 2010 takes place on 7-9 September at the Tour & Taxis conference and expo center in Brussels. Focusing on the integration of nanotechnologies and nanosciences, materials and production technologies, it gathers over 1000 participants, including senior executives from leading EU companies and research-intensive SMEs, as well as senior EU policy makers, and key researchers and scientists from industry and public research organisations.

Industrial technologies of tomorrow

Today, applications of nanotechnologies and nanosciences can be found everywhere. For example, in products like sunscreens and clothing and in the production of solar cells and microprocessors. New discoveries with important applications in industry and potentially high impact on our society appear regularly but a range of obstacles are currently slowing-down the much needed innovation in industry. On top of that, while developing new manufacturing technologies, materials and nanotechnologies, industry also has to take into account more and more safety and environmental sustainability.

- What are the future perspectives for industry with newly developed manufacturing technologies, materials and nanotechnologies?
- What are the future social, environmental sustainability and competitiveness perspectives of the European manufacturing industry?
- How can industrial innovation be promoted and how will industry face the new challenges and obstacles?

Innovation through greater integration across disciplines

In three days of plenary sessions Europe's key scientific experts, entrepreneurs and decision makers will share their vision on how better to bring disciplines together, pool resources, and harness research towards industrial applications and successful innovations.



Complementary parallel sessions will focus on confronting experiences and innovative approaches in order to overcome challenges such as skills and education, IPR and technology transfer, the human dimension, employment, energy and climate change. In addition an important exhibition will demonstrate key European projects, particularly in the areas of nanosciences and nanotechnologies, as well as innovative production processes.

Key issues addressed

Some of the key issues and questions addressed will include :

The role of European standards to support transfer of innovation to industry

How to enhance pre-normative research in EU research and innovation programmers? How to remove obstacles for innovation, facilitate trade and increase market acceptance with help from standardization? How to improve interactions between industry, research and standardization bodies?

The key role of industrial technologies in the area of health

Biomedical applications of nanotechnology are already providing significant benefits for patients, for example by allowing earlier detection and diagnosis of diseases and by providing better targeted therapies with fewer side-effects. In this area, the conference will look at the role played by the European Technology Platform for Nanomedicine in identifying these opportunities and stimulating the creation of public-private research consortia.

The role of Research & Innovation for Environment and Climate Change

Nanotechnologies and innovative materials have already demonstrated strong potential to lower emissions, reduce material and energy consumption and increase the recycling of materials and energy. The conference will look at how successful European manufacturers are designing and deploying sustainable production systems that have a minimal unfriendly effect on environment and society, and use technological development to build commercial opportunities

About Industrial technologies 2010

The Industrial Technologies Conference is organized by the Belgian EU Presidency (represented by Walloon and Flemish Regions), Sirris and Agoria in cooperation with the European Commission. It aims to be an international forum where industry, research organizations, universities as well as policy makers will meet and discuss possibilities for cooperation and proposals for improved integration in the near future.

More information on the Conference on www.industrial-technologies2010.eu

Contact

Marie-France Rousseau
Communication manager Sirris

- Marie-France.Rousseau@sirris.be
- +32 498 91 94 56