



[Nanomaterial XRD Analysis](#)

Discover micro and nanostructural aspects of your materials
www.PANalytical.com

[Server Applications](#)

Get Updates About AMD Partnerships, Upcoming Events & More. Get Info.
www.amd.com/businesssolutions

[Nanoscale Materials](#)

Stanford Graduate Certificate. How to make advanced nano products
scpd.Stanford.edu

[PhD in Nanomaterials](#)

Study for a PhD in Nanostructures at the University of Manchester
www.manchester.ac.uk/materials

Article Tools

- Printer-friendly
- E-mail this article
- Comment on this article
- Daily News Email Digest
- News Feeds

What is Nanotechnology?

Find out all about nanotechnology and raise your "nano IQ."

Project Management

Easy & Speedy Project Management only with Microsoft Project. Try Now

News > Nanowerk Research and General News >

Posted: November 26, 2008

New facility in Belgium aims to boost consolidation of nanosciences in Europe

(*Nanowerk News*) On Friday 28 November, the [European Theoretical Spectroscopy Facility](#) (ETSF) is to be inaugurated in Louvaine, Belgium, the aim being to boost the consolidation of nanoscience in Europe.

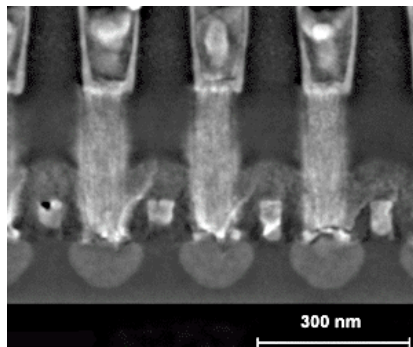
The ETSF is made up of ten nodes, i.e. ten European scientific groups, all leaders in the field of modelling and analysis of nanometric-scale processes. The Spanish ETSF node, directed by Professor of Physics at the University of the Basque Country (UPV/EHU), Ángel Rubio, is located at the José Mari Korta R+D+I Centre on the San Sebastian (Gipuzkoa) campus. Mr Rubio also holds one of the two Vice-Presidencies of ETSF (responsible for Scientific Development).

Financed by the EU Infrastructure Programme I3 and by various national agencies, ETSF can be described as the equivalent, in the field of numerical theory and simulation of a large-scale scientific infrastructure, to the synchrotron. The novelty lies in that its headquarters, located at the Catholic University of Louvaine, acts as a coordination centre for the nodes that make it up and not as the physical places where research activity actually takes place.

As regards its activities, ETSF is specialised in the explanation, simulation and prediction of phenomena related to the electronic and optical properties of materials, in order to find out, for example, what materials are the most suitable for solar panels or digital mediums.

The basic aim is the provision of services to the scientific community, both in the academic and business world, devoted to basic research, innovation and development of nanometric devices and processes. The UPV/EHU node is also specialised in the design of new nanotechnological, molecular electronic and biophysical devices.

Source: >*European Theoretical Spectroscopy Facility*



Research and General News

(click here for Business News)

Green Energy Summit 2009 program now available
Posted: Dec 16th, 2008

Biological nanocoating technology improves surgical implants
Posted: Dec 15th, 2008

Lethal 'lint brush' captures and kills cancer cells in the bloodstream
Posted: Dec 15th, 2008

Efficient method to measure conductance of individual carbon nanotubes in batches
Posted: Dec 15th, 2008

Electric nanotechnology yarn enables smart textiles to detect blood
Posted: Dec 15th, 2008

Fingerprints from crime scenes will soon reveal drug abuse
Posted: Dec 15th, 2008

Researchers watch cellular fission machine in real time
Posted: Dec 15th, 2008

11-megapixel micro-mirror array for high-end industrial applications
Posted: Dec 15th, 2008

Researchers create new class of fluorescent dyes to detect reactive oxygen species in vivo
Posted: Dec 15th, 2008

Scientific output in nanoscience increased by nearly 16% per year during the last decade
Posted: Dec 15th, 2008

U.S. Agricultural Research Service demonstrates nanotechnology for food safety
Posted: Dec 15th, 2008

OECD nanotechnology update on current safety developments
Posted: Dec 15th, 2008

Inaugural 'back of the envelope' award funds nanotechnology sensor research
Posted: Dec 15th, 2008

China announces milestone in ultracold atom research and quantum information storage technologies
Posted: Dec 15th, 2008

Synthesizing gold nanoparticles with imidazolium salts opens up new uses in medicine and alternative energy
Posted: Dec 15th, 2008

Rochester biologist modifies theory of cells' engines
Posted: Dec 15th, 2008

NanoEthics journal features nanotechnology human enhancement and societal challenges
Posted: Dec 15th, 2008

Chemical engineers use carbon nanotubes to monitor chemotherapy, detect toxins at the single-molecule level
Posted: Dec 14th, 2008

Breakthrough achieved in the production of double-walled carbon nanotubes
Posted: Dec 14th, 2008

Bangalore Nano National Award goes to Prof. Dipankar Chakravorty
Posted: Dec 13th, 2008


Comments

Name

E-mail (Will not appear online)

Comment

To prevent automated Bots from spamming, please enter the text you see in the image below in the appropriate input box. Your comment will only be submitted if the strings match. Please ensure that your browser supports and accepts cookies, or your comment cannot be verified correctly.




Submit Comment

PhD in Nanomaterials

Study for a PhD in Nanostructures at the University of Manchester
www.manchester.ac.uk/materials

Nanoscale Materials

Stanford Graduate Certificate. How to make advanced nano products
scpd.Stanford.edu

SolidWorks tech positions

Consider joining the tech team of a SolidWorks solutions provider!
www.solidengineerjobs.co.uk

Project Management

Microsoft Project 2007 Trusted by Project Managers World Over. Try!
EasierWithProject.com/Microsoft

Grid Computing Whitepaper

Simplify the deployment of scalable applications. Free Grid White Paper
www.appistry.com

[Privacy statement](#) | [Terms of use](#) | [Contact us](#) | [Home](#) | [Sitemap](#) | [Advertise with us](#)
The contents of this site are copyright ©2008, Nanowerk LLC. All Rights Reserved