

Topics

- Novel Nanomaterials and Self-Organisation
- Surface Chemistry and Catalysis
- Molecular Self-Assembly
- Semiconductor Nanostructures
- Graphene and Carbon Nanotubes
- Nano-Optics
- Spintronics and Nanomagnetism
- Molecular and Nano-electronic
- Scanning Probe Microscopy and Instrumentation
- Nano-Biology and Nano-Medicine
- Nanosystems, Nanomechanics and Manipulation

Exhibition:

In addition to the scientific program, vendors will exhibit the latest equipment available for nanoscale measurement science and technology.

The exhibit will surround the poster presentations, providing many opportunities for discussions between attendees and vendors.

Fee and registration

The registration fee before March 30, 2012 is 550 € for regular participants and 400 € for students including social events. A limited number of grants will be available for selected students.

Registration details will be published at www.icnt2012.fr

Key deadlines

14 November 2011

Abstract submission and registration opening

24 February 2012

Abstract submission deadline

15 March 2012

Notification of acceptance sent to authors

30 March 2012

Early registration deadline

Map



Contact

For additional information contact : o.fornari@eps.org

[STM'12]

ICNT+2012

International Conference on Nanoscience + Technology

Scanning probe microscopies and related techniques

PARIS SORBONNE
23-27 JULY 2012

www.icnt2012.fr



About ICN+T 2012

Following Keystone, USA, in 2008 and Beijing, CHINA, in 2010, the 2012 International Conference on Nanoscience + Technology (ICN+T) will provide an international forum for discussion of the latest developments in **nanoscale science and technology** and recent advances in **scanning probe microscopy** and related techniques. In 2012, ICN+T will be held jointly with STM'12, in order to emphasize topics including **scanning probe microscopy/spectroscopy** and related **instrumentation**. This conference will also cover a range of topics in nanoscale science and technology, addressing the interdisciplinary, international nature of this exciting and rapidly growing field.

We look forward to seeing you at **ICN+T 2012** and welcoming you to the historical Paris-Sorbonne University in the "quartier latin".

On behalf of the organizing committee

Sylvie ROUSSET, CNRS, Université Paris Diderot, France (General chair)

Valentina EMILIANI, CNRS, Université Paris Descartes, France (co-chair)

Bernard PERRIN, CNRS, Université Pierre et Marie Curie, France (co-chair)

Plenary speakers

Albert FERT, 2007 Nobel prize in Physics (France)
Spintronics: Electrons, Spins, Computers and Telephones

Christoph GERBER, University of Basel (Switzerland)
AFM Technologies in Life Sciences

Andreas HEINRICH, IBM Almaden (USA)
Exploring the Magnetism of Spins on Surfaces

Satoshi KAWATA, University of Osaka (Japan)
Plasmonics: an Innovative Nanoscience for Nano-Imaging,
Nano-Analysis and Nano-Materials

Jean-Marie LEHN, 1987 Nobel prize in Chemistry (France)
Nanoscience and Nanotechnology: The Self-Organisation Approach
(to be confirmed)

Roland WIESENDANGER, University of Hamburg (Germany)
Atom-By-Atom Engineering of Tailored Nanomagnets and
Atomic-Scale Spintronic Devices



Venue

The Conference will be held in Paris historical center, in the famous Sorbonne amphitheatre for plenary sessions and close by, in the Cordeliers area for the parallel sessions and the poster sessions. A dinner cruise on the Seine river is scheduled in the conference program.

To visit France, an entry visa can be required. For applying for visa organizing committee will provide letter of invitation

Details will be published at www.icnt2012.fr



invited speakers

ANDO Toshio, Kanazawa University, Japan

ANTONIETTI Markus, MPI, Potsdam, Germany

BESENBACHER Flemming, Aarhus University, Denmark

BERNDT Richard, University of Kiel, Germany

BLUEGEL Stefan, Forschungszentrum Jülich, Germany

BRUNE Harald, EPFL, Lausanne, Switzerland

DONG Zhenchao, USTC, Hefei, China

ERNST Karl-Heinz, EMPA, Duebendorf, Switzerland

HILLENBRAND Rainer, CIC NanoGUNE, San Sebastian, Spain

GAMBARDELLA Pietro, ICN, Barcelona, Spain

GRÜTTER Peter, McGill University, Montreal, Canada

KERN Klaus, MPI for Solid State Research, Stuttgart, Germany

KOENRAAD Paul, TUE, Eindhoven, The Netherlands

LAUTERBACH Marcel, Université Paris Descartes, France

LIM Roderick, University of Basel, Switzerland

LOISEAU Annick, ONERA-CNRS, Chatillon, France

MAGNUSEN Olaf, University of Kiel, Germany

MEYER Gerhard, IBM, Zürich, Switzerland

NARASIMHAN Shobhana, JNCASR, Bangalore, India

NILIUS Niklas, Fritz Haber Institut, Berlin, Germany

ORON Dan, Weizmann Institute of Science, Israel

RODITCHEV Dimitri, INSP-CNRS, UMPC, Paris, France

RUGAR Dan, IBM Almaden, San José, USA

SANDOGHDAR Vahid, MPI for Science of Light, Erlangen, Germany

SCHEURING Simon, Institut Curie, Paris, France

SCHOENENBERGER Christian, SNI, Basel, Switzerland

SCHWARZ Udo, Yale University, USA

SCHWARZ Alexander, University of Hamburg, Germany

SIMMONS Michelle, UNSW, Sidney, Australia

STROSCIO Joseph, CNST, NIST, Gaithersburg, USA

VAN HULST Niek, ICFO, Barcelona, Spain

WERNSDORFER Wolfgang, Institut NEEL, Grenoble, France

WOLKOW Robert, University of Alberta, Canada

WULFHEKEL Wulf, Karlsruhe Institute of Technology, Germany

XUE Qi-Kun, Tsinghua University, Beijing, China

ZEPPENFELD Peter, Johannes Kepler University, Linz, Austria