

Pre-Registration Form

SINCS2011

☐ Mr. ☐ Mrs. ☐ Miss ☐ Dr. ☐ Prof.

Family Name _____

Given Name _____

Mailing Address _____

Zip Code _____

City _____

Country _____

Phone _____

Cell phone _____

Fax _____

e-mail _____

☐ I wish to attend the Symposium.

☐ I intend to submit a contribution

Oral ☐ Poster ☐

Title _____

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Sponsors:

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Organizer:

Shanghai Nanotechnology Promotion Center (SNPC)

Management:

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National Center for Nanoscience and Technology, China (NCNST)
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Professor Shi Liyi

Chief Scientist, SNPC

Director of International Relationship:

Professor Wei Gang

Director of China Engagement, CSIRO Materials Science & Engineering

Creating Cross-Boundary
Cooperation ("3C")

SINCS 2011

The 5th Shanghai International
Nanotechnology Cooperation
Symposium



October 30 - November 1, 2011
Shanghai, P. R. China

CALL FOR PAPERS

www.snpc.org.cn



3C Mission

SINCS2011 offers a unique forum for R&D, industry, venture capitalist and government policy makers to forge international collaborations, develop new technology opportunities, face new technology challenges, and deliver social and economic benefits from nanotechnology.

SINCS2011 is founded on the principle of "Creating Cross-Boundary Cooperation." It aims to promote mutual exchanges between the Shanghai community and the international community in the field of nanotechnology.

Plenary Session

In the plenary session, high profile guests will be invited to give presentations on government policy, innovation, education and future direction in nanotechnology.

Parallel Technical Sessions

Part I Nanomaterials & Applications

Session 1: Nanomaterials & Environment

Nanotechnology undoubtedly holds promise for improving the environment both by reducing waste materials, energy consumption and our dependence on non-renewable natural resources, and for cleaning up existing pollution.

Topics include:

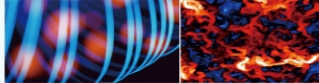
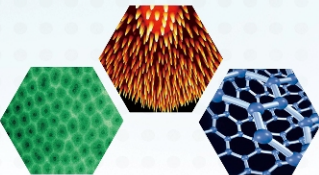
Nanoparticles substituting for hazardous chemicals, nanocatalysts dealing with air and water pollution, nanosensors monitoring the environment, multifunctional nanocomposites reducing chemical consumption, and risk assessment of nanomaterials.

Session 2: Nanomaterials & Automobile

Many automobile components can potentially be improved by nanotechnology. Nanotechnology provides the automotive industry with huge opportunity for innovation and may lead to many new automotive products.

Topics include:

Nano-coatings providing cars with new decorative and protective features, high performance nanowires, anti-bacterial and flame retardant nanofibers, high sensitivity nanosensors, as well as novel nanocomposites and devices improving car performance in areas such as energy saving, life and cost of service.



Session 3: Nanomaterials & Energy

Nanotechnology shows promising potential in all segments of the energy sector: production, storage, distribution and use with the potential to change the way we convert, store and utilize the world's energy supply.

Topics include:

Hydrogen technology, fuel cells, photovoltaics, batteries, supercapacitors, hybrid energy storage devices, advanced power plants and CO₂ capture and sequestration, novel concepts and systems for energy storage, transport and distribution networks.

Session 4: Other Nanomaterials & Applications

Any other aspects of nanomaterials not involved in the aforementioned scope are encouraged to be submitted to this session.

Part II Nanotechnology & Electronics

Nanotechnology is already widely spread in the field of microelectronics. Both novel nanomaterials and nanofabrication methods will undoubtedly bring breakthroughs to electronics.

Topics include:

Non-electronic materials and devices for next generation electronics, Advanced nanolithography, Bottom up approach and self assembly technology, Nanofabrication technology and equipment, Non-conventional Nanopatterning: Top-down/Bottom-up convergence, Nanoscale operation and tools, Nanophotonics and sub-wavelength optic devices.

Part III Nanobiotechnology & Medicine

The convergence of biotechnology and nanotechnology provides a wealth of opportunities for either improving existing or creating new medical and biomedical products.

Topics include:

Nanomedicine, drug delivery, medical imaging including quantum dots for medical examination and treatment, biomimetic sensors, bio-nano devices, nanofluidics, molecular imprinting and other nanobiotechnologies.

Part VI Nanometrology

Nanometrology sheds light on the atomic-scale structure and nature of assemblies of atoms and molecules, and gives insights on the compositional characterization of materials and control of their properties.

Topics include:

Nanometrology and transfer standards, measurements of nanosized objects, characterization methods and tools for nanosized systems.

Cross-Boundary Cooperation Discussion Session

The Cross-Boundary Cooperation Session is a very special part of SINCS. This session will include representatives of partnerships that emerged from SINCS2002, SINCS2004, SINCS2007, SINCS2009, introducing their collaboration achievements and sharing their cooperation experience.

Invitation

SINCS2011 is designed to update attendees on the most recent international nanotechnology advances and focus on nanotechnology R&D and its applications in industries, such as environmental protection, manufacturing and energy. Researchers with a range of disciplinary backgrounds will gather and share their research findings. With new breakthroughs in nanotechnology, the key challenge is to commercialize these new technologies and bring them to the consumer.

SINCS2011 will bridge the gap between technological advancement and market needs. The conference will also leave adequate time for fruitful discussions to be held between participants. Academic researchers, technology entrepreneurs, business development professionals and investors are invited to attend this informative event. One of the hot-spots of investment in Asia is Shanghai, the location for this conference, home to a strong concentration of related research, industries and commercial centers.

Paper Submission

All papers that are consistent with the above mission are welcome. We call for two types of presentations: Oral and Poster. Please submit your abstracts and if requested also manuscripts before the dates listed below. We recommend that you submit online. The Advisory Board will review all abstract submissions. Dependence upon the topic of your abstract and the number of incoming contributions, the Advisory Board will decide whether your paper is allocated as an oral or poster presentation and whether an offer is made for you to submit a manuscript for inclusion in the published proceedings. The society will inform you about the decisions of the Advisory Board. The accepted papers will be published in a special issue of the *Journal of Nano-Micro Letters (NML)* or the *Journal of Nano Biomedicine and Engineering (NBE)*.

Abstract metadata:

Title
Author
Affiliation
Abstract (one A4 page, no photograph)
Keywords (5-10 maximum)

Manuscript metadata:

Title
Affiliation (including address, fax and e-mail)
Abstract (less than 100 words)
Keywords (5-10 words)
Body
Reference
Type: the paper must be written in English and in Microsoft Word format

Key Dates:

July 15	Submission of abstracts
Sept. 10	Submission of manuscripts for proceedings
Oct. 30	Conference opening ceremony

Regular registration fees

For international delegates: US\$500
For domestic mainland delegates: RMB2000

Early registration fees (before 15 July 2011)

For international delegates: US\$450
For domestic mainland delegates: RMB1500

For detailed information, please refer to the website:

www.snpc.org.cn