

Important Dates

- 2nd Announcement and **September, 2004**
Call for Paper (only on Web site)
- Abstract Deadline **June 30, 2005**
(via E-mail)
- Acceptance Notice **September 14, 2005**
(via E-mail)
- Advanced Registration **October 14, 2005**
(only on Web site)
- Manuscript Deadline **October 14, 2005**
(via Online Submission of e-JSSNT)
- Conference **November 14-17, 2005**

Homepage

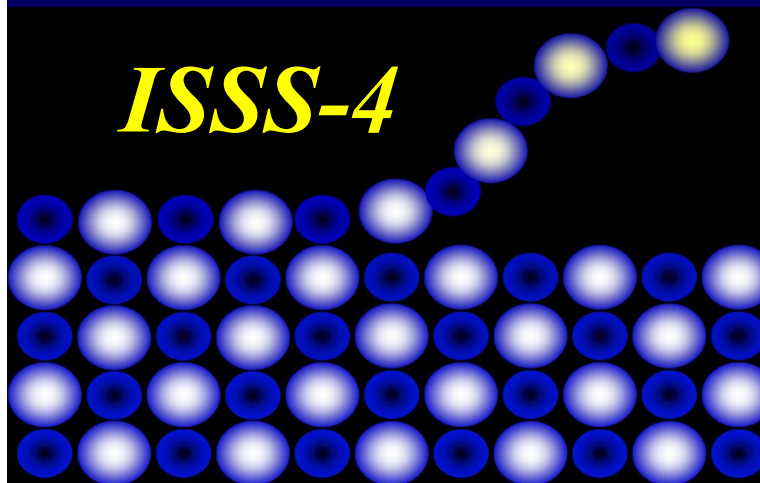
For updated information, visit our Web site: <http://www.sssj.org/iss4>
The 2nd announcement and Call for Paper will be on our Web site only.

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International Symposium on Surface Science and Nanotechnology

ISSS-4



First Circular

November 14 – 17, 2005

Omiya Sonic City
Saitama, Japan

Organized by
The Surface Science Society of Japan



Scope and Background

ISSS-4 is the 4th in a series of international symposia organized by The Surface Science Society of Japan every five years. This symposium highlights the recent achievements in the fields of nanoscience and nanotechnology based on the surface-science techniques. Major topics include theory and dynamics, fabrication and application of nano-structures and nano-materials, novel characterization methods, and chemical and biological applications. Interdisciplinary studies and discussion on the future directions of the fields are strongly encouraged.

International Advisory Committee

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Topics

Theory and dynamics

- Theoretical approaches to surface- and nano-structures and properties
- Dynamical phenomena at surfaces

Design, control, fabrication, properties and physics

- Atomic-scale controlled surfaces, thin films and nanostructures
- Nano Materials (nano-tubes, nanowires, nanoparticles, nano-dots etc.)
- Self-assembly and self-organization for nanostructure formation, and characterization
- Micro/nano-fabrications for device applications: ULSI fabrication processes, electronic, magnetic and optical devices
- Device applications of bio, metal, ceramics and hybrid, and organic films

Novel characterization methods

- Characterization of novel surface/interface- and nano-structures
- Tools and standards for micro/nano analysis

Chemistry and Biology

- Colloidal chemistry and nano chemistry (supramolecules, biomaterials, and membrane)
- Surface chemistry and catalysis
- Photochemical Reactions at Surfaces
- Biological applications of nanotechnology and surface science

Language

English is the official language of the Symposium.

Organizing Committee

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Vice-Chair	R. Oiwa <i>ULVAC-PHI</i>
Vice-Chair	M. Iwatsuki <i>JEOL</i>

Audit

Proceedings

The proceedings of ISSS-4 will be published in the **e-Journal of Surface Science and Nanotechnology**. All papers will be subject to peer review. Since the journal is solely an electronic journal, the papers are individually, and rapidly, published on the Web immediately after acceptance, and are unaffected by delays in other papers. There are no page limitations or fees for color figures. Detailed information and instructions for manuscript preparation are on the journal Web page <http://www.sssj.org/ejsnt>. After all papers are published on the Web, a compilation CD-ROM will be sent out to all participants by August 2006: there will be no printed version.

Abstract Submission

A one page abstract (A4 size, 297 × 210mm) is required for each presentation. It should contain the title of paper, author(s), affiliation, postal address, e-mail address of the corresponding author, and main text. The abstract should be in Word or PDF format (less than 1 MB in size), and sent to iss4-prg@srt.u-tokyo.ac.jp as an attached file. **The deadline for abstract submission is June 30, 2005.** The author is requested to declare the preferred presentation form (oral or poster) in the e-mail. The corresponding author will be informed of acceptance by September 14, 2005.

Accommodation

Accommodation in hotels near the symposium site will be available. The information will be announced on the Web page.

Symposium Site

The Symposium will be held at an Auxiliary Hall and International Conference Rooms in **Omiya Sonic City, Saitama** (<http://www.sonic-city.or.jp/en/>), which is located next to JR Omiya Station. Omiya station is reachable within 30 min from Tokyo Station and also by JR Narita Express trains direct from Narita Airport.

