**2nd Announcement and Call for Paper**

Abstract Deadline: June 30, 2008 (online only)

Acceptance Notice: September 9, 2008 (via E-mail)

Advanced Registration: October 9, 2008 (online only)

Manuscript Deadline: October 9, 2008 (via Online Submission of e-JSSNT)

Symposium: November 9-13, 2008

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**International Symposium on Surface Science and Nanotechnology**

**ISSS-5**

November 9 – 13, 2008

International Conference Center

Waseda University

Tokyo, Japan

Organized by

The Surface Science Society of Japan

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**Scope and Background**

ISSS-5 is the 5th in a series of international symposia organized by The Surface Science Society of Japan. 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.

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Theory, structure and dynamics
- Theoretical approaches to surface/interface- and nano-structures and properties
- Surface structures: atomic and electronic structures, and surface vibrations
- Surface dynamics: adsorption, desorption, reaction, and diffusion

Fabrications and physical properties
- Atomic-scale controlled surfaces/interfaces and self-organized nanostructures
- Nano-materials: nanotubes, nanowires, nanoparticles, and nanodots
- Fabrication processes: epitaxy, deposition, etching, cleaning, thin-film growth
- Device applications of metal, ceramics, organic, and hybrid films

Characterization methods
- Characterization of surfaces, interfaces and nanostructures
- Tools and standards for micro/nano-analysis
- Scanning probe microscopy

Surface chemistry
- Colloid chemistry and soft materials: supramolecules, macromolecules, and liquid crystal
- Electrochemistry, photochemistry and catalysis
- Self-assembly and self-organization for nanostructure formation, and characterization

Biological applications of surface science and nanotechnology
- Nanobioprocess, biosurfaces and biointerfaces
- Bio-diagnostics, bioassays and biosensors

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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 submit via the web page. The deadline for abstract submission is June 30, 2008. The author is requested to declare the preferred presentation form (oral or poster) on the web. The corresponding author will be informed of acceptance by September 9, 2008.

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 International Conference Center in Waseda University, Tokyo (http://www.waseda.jp), which is located next to Tokyo Metro Tozai-Line Waseda station. Waseda station is reachable within 30 min from Shinjuku station via JR Takadanobaba station.

The proceedings of ISSS-5 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.