



## *Preliminary Announcement*

# 2006 International Conference on Solid State Devices and Materials (SSDM 2006)

**Date: September 12-15, 2006 (Short Course: September 12, 2006)**

**Place: PACIFICO YOKOHAMA, Japan**

The 2006 International Conference on Solid State Devices and Materials (SSDM 2006) will be held from September 12, Tuesday, through September 15, Friday, at PACIFICO YOKOHAMA, Japan.

This conference is one of the most important and prestigious international conferences held in Japan. The SSDM has provided a good opportunity to present and discuss key aspects of solid state devices and materials since it started in 1969. From the 1999 conference, program sub-committees have been established to further advance the SSDM conference activity. This organizational change has led to higher quality paper selection, which results in a higher level of presentations and discussions in the various potential subject areas. The conference has 9 sub-committees in Core Areas and 2 sub-committees in Strategic Areas, as shown below, which are continuously focused on pointing out the future directions in solid state devices and materials research. In addition to the main conference program, one-day short courses will precede the conference on Tuesday, September 12, which offer tutorial lectures on interesting topics.

Papers are solicited in the following areas (=sub-committees) for SSDM 2006:

### Core Areas

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- I: Advanced Gate Stack / Si Processing Science
- II: Characterization and Materials Engineering for Device Integration
- III: CMOS Devices /Device Physics
- IV: Advanced Memory Technology
- V: Advanced Circuits and Systems
- VI: Compound Semiconductor Circuits, Electron Devices and Device Physics
- VII: Photonic Devices and Device Physics
- VIII: Advanced Material Synthesis and Crystal Growth Technology
- IX: Physics and Applications of Novel Functional Materials and Devices

### Strategic Areas

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- X: Organic Materials Science, Device Physics, and Applications
- XI: Micro/Nano Electromechanical and Bio-Systems



## CONFERENCE LANGUAGE

The official language of the conference is English.

## IMPORTANT DATES

First Announcement	December, 2005
Second Announcement	March, 2006
Deadline for Abstracts	May, 2006
Deadline for Late News Papers	July, 2006

## CONFERENCE CHAIRS

### *Organizing Committee Chair*

Hiroyuki Sakaki  
Univ. of Tokyo

### *Steering Committee Chair*

Toshiro Hiramoto  
Univ. of Tokyo

### *Program Committee Chair*

Yoshiro Hirayama  
NTT

## FURTHER INFORMATION

Those who are interested in receiving further information, including the call for papers, are requested to contact:

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