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INTERNATIONAL CONFERENCE ON

**SOLID STATE**

**DEVICES AND MATERIALS**

Conference

**September 24–26, 2008**

Short Course & Special Events

**September 23, 2008**

Place

**Tsukuba International Congress Center, Japan  
(EPOCHAL TSUKUBA)**

**THE 40<sup>TH</sup> ANNIVERSARY**

**“Device and Material Innovations  
for Novel System Integration”**

**Special Events at the 40<sup>th</sup> Anniversary**

- An extra DVD and a hardcover book will be distributed for all participants
- Electronic archiving of past 40 years' SSD & SSDM all papers in the DVD
- “40 years of SSDM, Past, Present and Future (Tentative)” in the book

**Paper Deadline—May 8, 2008**

**Late News Paper Deadline—July 28, 2008**

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**THE JAPAN SOCIETY OF APPLIED PHYSICS**

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**IEEE Electron Devices Society**

Secretariat-SSDM 2008

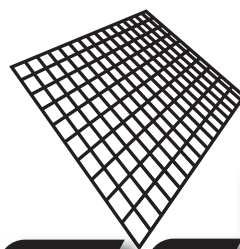
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**ssdm**  
**2008**

**Web Site : <http://www.ssdm.jp>**



## **Preliminary Announcement**

### **2008 International Conference on Solid State Devices and Materials (SSDM 2008) The 40th Anniversary**

**Date: September 23-26, 2008 (Short Course and Special Events: September 23, 2008)**

**Place: Tsukuba International Congress Center (EPOCHAL TSUKUBA), Japan**

The 2008 International Conference on Solid State Devices and Materials (SSDM 2008; The 40th anniversary) will be held from September 23, Tuesday, through September 26, Friday, at Tsukuba International Congress Center (EPOCHAL TSUKUBA), 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. This year we celebrate the 40th anniversary of SSDM and make a plan to enjoy the conference.

After the 30th anniversary 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 nine sub-committees in Core Areas and four 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 and special events at the 40th anniversary will precede the conference on Tuesday, September 23.

## **Papers will be solicited in the following areas (=Subcommittees) for SSDM2008**

### **Core Areas**

- I: Advanced Gate Stack / Si Processing Science
- II: Characterization and Materials Engineering for Interconnect 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**

- X: Organic Materials Science, Device Physics, and Applications
- XI: Micro/Nano Electromechanical and Bio-Systems (Devices)
- XII: Spintronic Materials and Devices
- XIII: Applications of Nanotubes and Nanowires

### **※CONFERENCE LANGUAGE**

The official language of the conference is English.

## **IMPORTANT DATES**

First Announcement	December, 2007
Second Announcement	March, 2008
Deadline for Abstracts	May 8, 2008
Deadline for Late News Papers	July 28, 2008

## **CONFERENCE CHAIRS**

### **ORGANIZING COMMITTEE**

- Chairperson  
T. Shibata (Univ. of Tokyo)
- Vice-chairperson  
M. Koyanagi (Tohoku Univ.)

### **STEERING COMMITTEE**

- Chairperson  
T. Mogami (Selete)
- Vice-chairperson  
S. Samukawa (Tohoku Univ.)

### **PROGRAM COMMITTEE**

- Chairperson  
H. Ohno (Tohoku Univ.)
- Vice-chairpersons  
S. Chung (NCTU)  
K. Wada (Univ. of Tokyo)  
S. Kimura (Hitachi, Ltd.)

## **FURTHER INFORMATION**

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

Secretariat for SSDM 2008

c/o Inter Group Corp.

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