

# 2011

## INTERNATIONAL CONFERENCE ON

# SOLID STATE

# DEVICES AND MATERIALS

Conference — September 28-30, 2011

Short Course & Workshop — September 27, 2011

Place — Aichi Industry & Labor Center (WINC AICHI)

### SCOPE OF CONFERENCE

#### CORE AREAS

- 1 Advanced LSI Processing & Materials Science  
(Chair: T. Nabatame, NIMS)
- 2 Advanced Interconnect / Materials Technology and Characterization  
(Chair: S. Ogawa, AIST)
- 3 CMOS Devices / Device Physics  
(Chair: H. Wakabayashi, Sony Corp.)
- 4 Advanced Memory Technology  
(Chair: M. Moniwa, Renesas Electronics Corp.)
- 5 Advanced Circuits and Systems  
(Chair: S. Sugawa, Tohoku Univ.)
- 6 Compound Semiconductor Electron Devices and Related Technologies  
(Chair: S. Tanaka, Shibaura Inst. of Tech.)
- 7 Photonic Devices and Optoelectronic Integration  
(Chair: M. Tokushima, AIST)
- 8 Advanced Material Synthesis and Crystal Growth Technology  
(Chair: H. Hibino, NTT Basic Res. Labs.)
- 9 Physics and Application of Novel Functional Devices and Materials  
(Chair: K. Ono, RIKEN)
- 10 Organic Materials Science, Device Physics, and Applications  
(Chair: H. Usui, Tokyo Univ. of Agri. & Tech.)

#### STRATEGIC AREAS

- 11 Micro/Nano Electromechanical Systems and Bio/Medical Analyses  
(Chair: K. Sawada, Toyohashi Univ. of Tech.)
- 12 Spintronics Materials and Devices  
(Chair: M. Yamamoto, Hokkaido Univ.)
- 13 Application of Nanotubes, Nanowires, and Graphene  
(Chair: J. Motohisa, Hokkaido Univ.)
- 14 Photovoltaics & Power Semiconductor Devices  
(Co-Chair: N. Usami, Tohoku Univ.)  
(Co-Chair: M. Ishiko, Toyota Central R&D Labs.)

### Extended Deadline

Paper Deadline—June 13, 2011

Late News Paper Deadline—August 8, 2011

Sponsored by

THE JAPAN SOCIETY OF APPLIED PHYSICS

Technical-Cosponsored by

IEEE Electron Devices Society

Secretariat-SSDM 2011

c/o Inter Group Corp.

TEL:+81-3-5549-6909

FAX:+81-3-5549-3201

E-mail:ssdm\_secretariat@intergroup.co.jp

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

#### Organizing Committee

- Chairperson  
S. Zaima (Nagoya Univ.)
- Vice-Chairperson  
K. Kyuma (Mitsubishi Electric Corp.)

#### Steering Committee

- Chairperson  
M. Hori (Nagoya Univ.)
- Vice-Chairperson  
T. Oomori (Mitsubishi Electric Corp.)

#### Program Committee

- Chairperson  
T. Fukui (Hokkaido Univ.)
- Vice-Chairperson  
S. Miyazaki (Nagoya Univ.)  
H. Yamaguchi (NTT Basic Res. Labs.)  
Yoon-Ha Jeong (POSTECH)



SSDM  
2011