

# 2010

## INTERNATIONAL CONFERENCE ON

# SOLID STATE

# DEVICES AND MATERIALS

Conference — September 22-24, 2010

Place — The University of Tokyo  
(Hongo Campus)

### SCOPE OF CONFERENCE

#### CORE AREAS

- 1 Advanced Si Processing & Materials Science  
(Chair: J. Yugami, Renesas Electronics Corp., Vice Chairs: S. Miyazaki, Hiroshima Univ., B. H. Lee, GIST)
- 2 Advanced Interconnect /3-D Integration Science  
(Chair: M. Kadera, Toshiba Corp., Vice Chairs: M. Matsuura, Renesas Electronics Corp., J. Gambino, IBM)
- 3 CMOS Devices/Device Physics  
(Chair: H. Wakabayashi, Sony Corp., Vice Chairs: D. Hisamoto, Hitachi, F. Boeuf, STMicro)
- 4 Advanced Memory Technology  
(Chair: A. Nitayama, Toshiba Corp., Vice Chairs: M. Moniwa, Renesas Electronics Corp., M. J. Tsai, ITRI)
- 5 Advanced Circuits and Systems  
(Chair: S. Sugawa, Tohoku Univ., Vice Chairs: T. Koide, Hiroshima Univ., J. C. Guo, National Chiao Tung Univ.)
- 6 Compound Semiconductor Electron Devices and Related Technologies  
(Chair: T. Hashizume, Hokkaido Univ., Vice Chairs: S. Tanaka, Shiba Inst. of Tech., E. Y. Chang, National Chiao Tung Univ.)
- 7 Photonic Devices and Optoelectronic Integration  
(Chair: M. Tokushima, AIST, Vice Chairs: Y. Ishikawa, The Univ. of Tokyo, J. Michel, MIT)
- 8 Advanced Material Synthesis and Crystal Growth Technology  
(Chair: A. Yamada, Tokyo Tech, Vice Chairs: H. Hibino, NTT Basic Res. Labs., R. Notzel, Eindhoven Univ. of Tech.)
- 9 Physics and Application of Novel Functional Devices and Materials  
(Chair: K. Ono, RIKEN, Vice Chairs: Y. Uraoka, NAIST, Y. Yeo, National Univ. of Singapore)
- 10 Organic Materials Science, Device Physics, and Applications  
(Chair: K. Kato, Niigata Univ, Vice Chairs: H. Usui, Tokyo Univ. of Agri. & Tech., C. K. Song, Dong-A Univ.)

#### STRATEGIC AREAS

- 11 Micro/Nano Electromechanical and Bio-Systems (Devices)  
(Chair: I. Yamashita, NAIST, Vice Chairs: K. Sawada, Toyohashi Univ. of Tech., S. A. Contera, Univ. of Oxford)
- 12 Spintronic Materials and Devices  
(Chair: K. Ando, AIST, Vice Chairs: M. Yamamoto, Hokkaido Univ., J. Zhao, Chinese Academy of Sciences)
- 13 Application of Nanotubes, Nanowires, and Graphene  
(Chair: J. Motohisa, Hokkaido Univ., Vice Chairs: Y. Ohno, Nagoya Univ., S. Hwang, Korea Univ.)
- 14 Photovoltaics & Power Semiconductor Devices  
(Chair: M. Ishiko, Toyota Central R&D Labs., Vice Chairs: N. Usami, Tohoku Univ., P. Mawby, Univ. of Warwick)

Paper Deadline—May 7, 2010

Late News Paper Deadline—July 26, 2010

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