

# Editorial



It is my great pleasure to announce the publication of a special JSTS issue on the 13th Korean Conference on Semiconductors (KCS 2006) held in Jeju, from February 23 to 24, 2006. Among the 591 outstanding papers presented at the conference, 10 papers have been chosen by a committee to be published in the special issue of JSTS.

The first and second paper are “Fabrication and Electrical Properties of Local Damascene FinFET Cell Array in Sub-60nm Feature Sized DRAM” and “Low Voltage Program/Erase Characteristics of Si Nanocrystal Memory with Damascene Gate FinFET on Bulk Si Wafer” in the section of Device Technology, CMOS & Interconnect Reliability, Simulation & Modeling, 3rd paper is “High Speed Pulse-based Flip-Flop with Pseudo MUX-type Scan for Standard Cell Library” in the section of System LSI Design, 4th paper is “Effects on Optical Characteristics of GaN Polarity Controlled by Substrate” in the section of Quantum Electronics & Compound Semiconductors, 5th paper is “Color STN(CSTN) LCD Driver Integrated Circuit with Sense Amplifier of Non-Volatile Memory” in the section of Display, Sensors & MEMS, 6th paper is “Growth and Characterization of InGaN/GaN MQWs on Two Different Types of Substrate” in the section of Materials Growth & Characterization, 7th paper is “Hydrogen Ion Implantation Mechanism in GaAs-on-insulator Wafer Formation by Ion-cut Process” in the section of Thin Film Technology, 8th paper is “Nanoscale Floating-Gate Characteristics of Colloidal Au Nanoparticles Electrostatically Assembled on Si Nanowire Split-Gate Transistors” in the section of Nano-Science and Technology, 9th paper is “DC Characteristics of P-Channel Metal-Oxide-Semiconductor Field Effect Transistors with  $\text{Si}_{0.88}\text{Ge}_{0.12}(\text{C})$  Heterostructure Channel” in the section of Quantum Electronics & Compound Semiconductors, and 10th paper is “Structure-related Characteristics of SiGe HBT and 2.4 GHz Down-conversion Mixer” in the section of Device Technology, CMOS & Interconnect Reliability, Simulation & Modeling.

I would like to express my gratitude to all the authors for submitting these excellent papers.

Bowoo Kim  
Guest editor

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