



**JSTS**

## **Journal of Semiconductor Technology and Science**

### **Call Papers for**

### **September 2006 Special Issue on Compound Semiconductors for Industrial Applications**

Journal of Semiconductor Technology and Science will publish a special issue of “Compound Semiconductors for Industrial Applications”. In special, it will provide an overview of recent industrial progress in the field of Compound Semiconductor Devices and Circuits, Process Technology and Market Trends as well as emerging fields strongly related to the recent Nano Technologies. It is intended to serve as a vehicle for summarizing and highlighting the major development that have occurred over the past few years.

#### **Topics**

##### **1. Industrial Progress in Compound Semiconductor Devices and Circuits**

- Solid State Lighting Technologies
- Monolithic Microwave Integrated Circuits (MMIC's) and Novel Approaches in Wireless Communications
- Mass Production-Ready Process Technologies
- Emerging Markets of Compound Semiconductors

##### **2. Nano-Technologies – Now Digital Applications?**

- Compound Semiconductors for High-Speed Digital Applications
- Low Power/High Speed Digital Circuits using Quantum Devices
- Marriage with Silicon Nano Technologies

Authors wishing to have their contributions considered for publication in this Special Issue, which will be published in September 2006 issue, are invited to submit an electronic copy of their manuscripts to Editor Prof. Jae-Eung Oh, at no later than **June 30, 2006**. Manuscripts should be submitted in free style double spaced MS word format as an e-mail attachment. See <http://www.jsts.org> for detail. Both regular papers as well as letters are welcome.

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