

# **2006 IEEE Nanotechnology Materials and Devices Conference**

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## **1. CONVENTION HALL B**

**10:00 ~ 11:55 I. New Devices beyond CMOS**

*Chair : Prof. Moon-Ho Jo, POSTECH*

**From Superlattices to Quantum Dots : Progress of Semiconductor Nanostructures and their Device Applications**

Prof. Hiroyuki Sakaki, Univ. of Tokyo, Japan

**11:55 ~ 13:10 Lunch**

## **2. CONVENTION HALL B**

**13:10 ~ 15:00 II-A. Nanodevices & Circuit**

*Chair : Prof. Jong-Ho Lee, Kyungpook National Univ.*

**Devices and Circuits of the Nanoscale**

Prof. Sandip Tiwari, Cornell Univ., USA

**15:00 ~ 15:10 Coffee Break**

**15:10 ~ 17:00 II-B. Bio-nanoelectronics**

*Chair : Prof. Hyungjun Kim, POSTECH*

**Enabling a New Paradigm of IT – acquiring Information and Executing on Information**

Prof. Jimmy Xu, Brown Univ., USA

## **3. CONVENTION HALL C**

**13:10 ~ 15:00 III-A. Nanomaterials & Structure**

*Chair : Prof. Ki-Bum Kim, Seoul National Univ.*

**Nanostructured Materials for Efficient Energy Harvesting and Storage**

Prof. Guozhong Cao, Univ. of Washington, USA

**15:00 ~ 15:10 Coffee Break**

**15:10 ~ 17:00 III-B. Spintronics**

*Chair : Prof. Moonsuk Yi, Pusan National Univ.*

**Spintronic Materials & Devices**

Prof. Sang-Ho Lim, Korea Univ., Korea

## **4. CONVENTION HALL B**

**17:00 ~ 18:15 IV. Nano Hub**

*Chair : Prof. Byeong-Joo Lee, POSTECH*

**Network for Computational Nanotechnology**

Prof. Gerhard Klimeck, Purdue University, USA