



Room B (Lotus Hall 2)

Session Title [MoB2] Fibers and Fiber Devices

Session Chairs Kazuo Hotate (The Univ. of Tokyo), Kwanil Lee (KIST, Korea)

Date July 12, 2010 (Monday)

Time 16:20-18:20

MoB2-1 16:20-16:50 **[Invited] Fiber Optic Distributed Sensing for Smart Structures and Smart Materials**

Kazuo Hotate (The Univ. of Tokyo, Japan)

MoB2-2 16:50-17:20 **[Invited] Applications of Carbon Nanotube to Photonics**

Shinji Yamashita (The Univ. of Tokyo, Japan)

MoB2-3 17:20-17:35 **Dual Shape Large Core Single-Mode Fiber for High Power Applications**

Ajeet Kumar (GIST, Korea), Vipul Rastogi (IIT Roorkee-Roorkee, India), Youngjoo Chung, and Won-Taek Han (GIST, Korea)

MoB2-4 17:35-17:50 **Polarization Characteristics of Highly Birefringent Photonic Crystal Fiber with squeezed lattice**

Kyu Jin Hwang, Gil Hwan Kim, Kwanil Lee (KIST, Korea), Jin Woo Park (Korea Univ., Korea), and Sang Bae Lee (KIST, Korea)

MoB2-5 17:50-18:05 **Design of Single-Mode Large-Core Polymer Optical Fibers**

Ming-Yang Chen, Yong-Kang Zhang, Bing Sun, and Xiao-Xia Fu (Jiangsu Univ. Korea)

MoB2-6 18:05-18:20 **Gradient-Index Plastic Optical Fiber for All-Optical Gigabit Internet Infrastructure in Home/Office Network**

Chang-Won Park (Univ. of Florida, USA and Optimedia Inc., Korea), Omi Kwon (Optimedia Inc., Korea), Seung Sang Hwang (KIST, Korea), and So Young Lee (Shyn Korea Ltd., Korea)