
Room B (Lotus Hall 2)

Session Title [TuB1] Special Device

Session Chairs Kwang Yong Song (Chung-Ang Univ., Korea), Shinji Yamashita (The Univ. of Tokyo, Japan)

Date July 13, 2010 (Tuesday)

Time 09:00-10:30

TuB1-1 09:00-09:30 **[Invited] Ultrafast Pulsation of Fiber Lasers by Carbon Nanostructures**
Yong-Won Song (KIST, Korea)

TuB1-2 09:30-09:45 **Simultaneous Inverted and Non-inverted Outputs All-optical Flip-flop Using Fabry-Perot Laser Diodes**
M. Rakib Uddin, Tran Quoc Hoai, Bikash Nakarmi, and Yong Hyub Won (KAIST, Korea)

TuB1-3 09:45-10:00 **APC Receptacle Type Cooled RSOA-TOSA for WDM-PON Transceiver**
Eun-Gu Lee, Seung-Hyun Cho, Jong-Hoon Lee, Jie-Hyun Lee, Han Hyub Lee, Byoung-Seok Choi, Dong-Churl Kim, O-Kyun Kwon, Sang-Soo Lee (ETRI, Korea), Min-Ho Song, and Jeong-Soo Kim (Phovel, Korea)

TuB1-4 10:00-10:15 **Beam-Propagation Analysis of Switched Directional Couplers Using Reverse-Proton-Exchanged LiNbO₃ Waveguides**
Shoji Kakio, Takahisa Sugisawa, and Yasuhiko Nakagawa (Univ. of Yamanashi, Japan)

TuB1-5 10:15-10:30 **Improvement of Efficiency for Red Resonant-Cavity Light-Emitting Diodes using Periodic Gain Medium with Modified Electron Stopped Layers**
V. V. Lysak (Chonbuk Nat'l Univ., Korea), C. Y. Park, K. W. Park, and Y. T. Lee (GIST, Korea)