



Room B (Lotus Hall 2)

Session Title [TuB2] OPTO Electronic Devices

Session Chair Yong-Won Song (KIST, Korea)

Date July 13, 2010 (Tuesday)

Time 10:50-12:20

TuB2-1 10:50-11:20 [Invited] Nanoscale Light Sources for On-chip Optical Interconnects

Kyoungsik Yu (KAIST, Korea), Amit Lakhani, and Ming C. Wu (Univ. of California, Berkeley, USA)

TuB2-2 11:20-11:50 [Invited] Reconfigurable Optical Interconnect Architecture using an OPTO-VLSI Processor for High-Performance Optical Networks

Yong Tak Lee, Young Min Song (GIST, Korea), Feng Xiao (Edith Cowan Univ., Australia), and Kamal Alameh (Edith Cowan Univ., Australia and GIST, Korea)

TuB2-3 11:50-12:05 Implementation of 40Gb/s DPSK Modulator with Highly Flexible PCB Interconnection

Jyung Chan Lee, Joon Ki Lee, Sae-Kyoung Kang, and Kwangjoon Kim (ETRI, Korea)

TuB2-4 12:05-12:20 High-Responsivity 10 Gbps 100% Ge-on-Si Photodetector Operating near $\lambda \sim 850$ nm

Ki-Seok Jang, Sanghoon Kim, In Gyoo Kim, Jiho Joo, and Gyungock Kim (ETRI, Korea)