



Room C (Lotus Hall 3)

Session Title [TuC1] Special Session

Session Chairs Jichai Jeong (Korea Univ., Korea), June-Koo Kevin Rhee (KAIST, Korea)

Date July 13, 2010 (Tuesday)

Time 09:00-10:30

TuC1-1 09:00-09:15 **Integration and Simplification of QoS Guarantee and Multicasting for a New-Generation Network**

Kenji Fujikawa (NICT, Japan) and Masataka Ohta (Tokyo Inst. of Tech., Japan)

TuC1-2 09:15-09:30 **High-Energy Efficient Layer-3 Network Architecture Based on Solitary Universal Cloud Router and Optical Aggregation Network**

Hidetoshi Takeshita, Daisuke Ishii, and Naoaki Yamanaka (Keio Univ., Japan)

TuC1-3 09:30-09:45 **Implementation of Hierarchical QoS Mechanism on PBB-TE System**

Wonkyoung Lee, Chang-Ho Choi, Taesik Cheung, Sun-Me Kim, and Ho-Young Song (ETRI, Korea)

TuC1-4 09:45-10:00 **32 Gbaud Real-Time FPGA-Based Multi-Format Transmitter for Generation of Higher-Order Modulation Formats**

Jonas Hilt, Markus Nölle, Lutz Molle, Matthias Seimetz, and Ronald Freund (Heinrich-Hertz-Institut, Germany)

TuC1-5 10:00-10:15 **1.25/10.3-Gbit/s Dual-rate Burst-Mode Receiver with Automatic Bit-rate Discrimination Circuit for Coexisting PON Systems**

Kazutaka Hara, Shunji Kimura, Hirotaka Nakamura, Naoto Yoshimoto, and Hisaya Hadama (NTT Corp., Japan)

TuC1-6 10:15-10:30 **Performance Test of Ultra-Compact Waveband Cross-Connect Module**

Kiyo Ishii, Hiroshi Hasegawa, Ken-ichi Sato (Nagoya Univ., Japan), Masayuki Okuno (NTT Electronics, Japan), and Hiroshi Takahashi (NTT Corp., Japan)