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Room B (Lotus Hall 2)

**Session Title** [TuB3] Optical Switching and Network

**Session Chair** HwanSeok Chung (ETRI, Korea)

**Date** July 13, 2010 (Tuesday)

**Time** 15:30-17:30

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**TuB3-1** 15:30-16:00 **[Invited] Future Prospects of Optical Transport Network Beyond OADM Ring Network Era**

Tetsuo Takahashi, Mitsunori Fukutoku, and Akio Sahara (NTT, Japan)

**TuB3-2** 16:00-16:30 **[Invited] Semiconductor Photonic Integrated Switches and Buffers for Optical Packet Routing**

Takuo Tanemura, Ibrahim Murat Soganci, and Yoshiaki Nakano (The Univ. of Tokyo, Japan)

**TuB3-3** 16:30-16:45 **Demonstration of Packet-Optic Integrated Transport System**

Jiwook Youn, Bupjoong Kim, Wooyoung Choi, Hyunjae Lee, Hongju Kim, and Jaehoon Yu (ETRI, Korea)

**TuB3-4** 16:45-17:00 **A Novel Iterative Clustering Steiner Tree Algorithm for Optimal Resource Reservation in Hose Based VPN**

Dong Wang, Yunfeng Peng, and Keping Long (Univ. of Electronic and Technology of China, China)

**TuB3-5** 17:00-17:15 **Multi-Degree Optical Node for Effective Utilization of Optical Transponders in WDM Mesh Networks**

Sun Hyok Chang, Hwan Seok Chung, and Kwangjoon Kim (ETRI, Korea)

**TuB3-6** 17:15-17:30 **An Intelligent Services-Aware Generalized Optical Burst Assembly Mechanism Enabling Multi-Services Transmission**

Sili Peng, Xiaolong Yang, Jing Zhou, Keping Long, and Zhen Liu (Univ. of Electronic and Technology of China, China)