



Room C (Lotus Hall 3)

Session Title [MoC1] Optical Transmission 1

Session Chairs Sun Hyok Chang (ETRI, Korea), Eiji Yoshida (NTT Corps., Japan)

Date July 12, 2010 (Monday)

Time 14:00-16:00

MoC1-1 14:00-14:30 [Invited] Coherent Optical Modulation and Demodulation
Kazuro Kikuchi (The Univ. of Tokyo, Japan)

MoC1-2 14:30-15:00 [Invited] DFT-Spread OFDM for Optical Communications
William Shieh, Yan Tang, and Brian S. Krongold (The Univ. of Melbourne, Australia)

MoC1-3 15:00-15:15 Clock Recovery Based on In-Band Pilot for 160 Gbps OTDM Signal
Shangjian Zhang (UESTC, China), Fausto Gomez-Agis (Eindhoven Univ. of Tech., The Netherlands), Yong Liu, Yongzhi Liu (UESTC, China), Nicola Calabretta, Eduward Tangdionga, and Harm. J. S. Dorren (Eindhoven Univ. of Tech., The Netherlands)

MoC1-4 15:15-15:30 Multi-Rate Transmission Performance of 100-Gb/s QPSK Based Modulation Format in 10/40/100 Gb/s Hybrid Systems
Hwan Seok Chung, Sun Hyok Chang, and Kwangjoon Kim (ETRI, Korea)

MoC1-5 15:30-15:45 SPM-induced Power Gain in Optical Subcarrier-multiplexed Transmission Systems
Kyoungsoo Kim, Jaehoon Lee, and Jichai Jeong (Korea Univ., Korea)

MoC1-6 15:45-16:00 Configuration of Time-Division Interferometer for Stability Enhancement of One-Way QKD System
Jeong-sik Cho, Sae-kyoung Kang, and Kwangjoon Kim (ETRI, Korea)