
Room C (Lotus Hall 3)

Session Title [TuC3] Optical Transmission 2

Session Chairs Ronald Freund (HHI, Germany), Jichai Jeong (Korea Univ., Korea)

Date July 13, 2010 (Tuesday)

Time 15:30-17:30

TuC3-1 15:30-16:00 [Invited] Optical Signal Processing Towards Optical Router

Yong Liu, Ligong Chen, Shangjian Zhang, Pinxiang Duan, Zengshou Peng, and Yongzhi Liu (Univ. of Electronic and Technology of China, China)

TuC3-2 16:00-16:30 [Invited] High Speed Optical Transmission R&D in ETRI

Kwangjoon Kim, Hwan Seok Chung, Sun Hyok Chang, Joon Ki Lee, Jyung Chan Lee, Sae-Kyoung Kang, Jong-Yoon Shin, and Jongho Kim (ETRI, Korea)

TuC3-3 16:30-16:45 PMD Insensitive CD Monitoring Based on RF Power Ratio in D8PSK and DQPSK Systems

Jing Yang (Nat'l Univ. of Singapore, Singapore), Changyuan Yu (Nat'l Univ. of Singapore and A*STAR Institute for Infocomm Research, Singapore), Linghao Cheng, Zhaohui Li (Jinan Univ., China), and Chao Lu (The Hong Kong Polytechnic Univ., Hong Kong)

TuC3-4 16:45-17:00 OSNR Monitoring Technique Based on Four-Wave Mixing for Polarization-Division Multiplex Transmission

J. Y. Huh, H. S. Chung (ETRI, Korea), Y. C. Chung (KAIST, Korea), and G. J. Kim (ETRI, Korea)

TuC3-5 17:00-17:15 Prime-Length M-Signatures Reconfiguration to Enhance Optical CDMA Confidentiality

Jen-Fa Huang, Chun-Ming Huang (Nat'l Cheng Kung Univ., Taiwan), Yao-Tang Chang (Kao Yuan Univ., Taiwan), and You-Da Dai (Nat'l Cheng Kung Univ., Taiwan)

TuC3-6 17:15-17:30 Optimization Scheme for Complete Second-Order PMD Compensation

Zhang Ruoran, Zhang Wenhui, Chen Zhiyong, Wang Huijiao (Guilin Univ. of Electronic Tech., China), Li Tangjun, Wu Honggang, JiA Nan, and Zhong Kangping (Beijing Jiaotong Univ., China)