
Session Title: [FB4] Optical Transport in Networking

Date: August 29, 2014 (Fri.)

Time: 14:30-16:00

Room Room B

FB4-1

14:30-15:00

[Invited] 1-Exabit/s-km Super-Nyquist-WDM Transmission Using Multi-Core Fibers

Koji Igarashi (KDDI R&D Laboratories, Inc, Japan)

FB4-2

15:00-15:15

Analysis of PAM-N (N=4, 5, 6, 7, and 8) Signals Operating at 103.125 Gbps for Next Generation Ethernet

Joon Young Huh, Joon Ki Lee, Sae-kyung Kang, and Jyung Chan Lee (ETRI, Korea)

FB4-3

15:15-15:30

A Study of Rapid Defragmentation by Re-assigning Spectrum to Fewer Paths in Elastic Optical Networks

Hitomi Yoshimura, Sota Yoshida, and Takashi Mizuochi (Mitsubishi Electric Corp., Japan)

FB4-4

15:30-15:45

Design and Implementation of Correlation-based Optical Time-Domain Reflectometer Transceiver

Hun Sik Kang, Seung Il Myong, Jong Hyun Lee, and Jyung Chan Lee (ETRI, Korea)

FB4-5

15:45-16:00

The Four Wave Mixing Effects in Quantum Key Distribution Based on Conventional WDM Network

Lichao He, Jianing Niu, Yongmei Sun, and Yuefeng Ji (Beijing University of Posts and Telecommunications, China)