
Session Title: [FA2] Advanced Modulation Format for NGA

Date: August 29, 2014 (Fri.)

Time: 10:15-11:45

Room: Room A

FA2-1

10:15-10:45

[Invited] Application of Hierarchical Modulation to Optical Access Network

Noriko Iiyama, Naotaka Shibata, Jun-ichi Kani, Jun Terada, and Hideaki Kimura (NTT Access Network Service System Laboratories, Japan)

FA2-2

10:45-11:00

Influence of I/Q Imbalance on Multi-level Modulated Signals Interleaved with Reference Light

Yasuhiro Okamura, Atsushi Takada (The University of Tokushima, Japan), and Masanori Hanawa (University of Yamanashi, Japan)

FA2-3

11:00-11:15

1.5- μ m, 10-Gbps 4-PAM VCSEL Transmission for Optical Access Networks

Jingjing Zhou, Changyuan Yu (National University of Singapore, Singapore), and Hoon Kim (KAIST, Korea)

FA2-4

11:15-11:30

Optical Transmission of Baseband OFDM in IM/DD System by PDM Based I/Q Channel Separation

Sun-young Jung, Sang-min Jung, and Sang-kook Han (Yonsei University, Korea)

FA2-5

11:30-11:45

Single Wavelength OFDMA PON Uplink Optical Beat Interference Noise Reduction Using RF Clipping Tone

Sang-min Jung, Seung-min Yang, Kyung-hak Mun, and Sang-kook Han (Yonsei University, Korea)