
Session Title: [TC2] Mobile Optical Networks

Date: August 28, 2014 (Thu.)

Time: 15:15-17:15

Room Room C

TC2-1

15:15-15:45

[Invited] Wireless Signals Transport in Fiber-Wireless Links: Digitized versus Analog

Christina Lim, Yizhuo Yang, and Ampalavanapillai Nirmalathas (The University of Melbourne, Australia)

TC2-2

15:45-16:15

[Invited] Mobile Optical Network for Future Radio Access

Tomohiro Taniguchi, Takayuki Kobayashi, Shigeru Kuwano, Jun-ichi Kani, Jun Terada, and Hideaki Kimura (NTT Corporation, Japan)

TC2-3

16:15-16:30

Investigations of EVM Performance Degradations Caused by Nonlinearity in Mobile Fronthaul Architecture Based on IFOF Technology

Seung-hyun Cho, Hwan Seok Chung, Chan Gyo Han, Sangsoo Lee, and Jong Hyun Lee (ETRI, Korea)

TC2-4

16:30-16:45

Downlink Transmission Timing Shift in Mobile Fronthaul for TDD Radio Access Network

Takahiro Kubo, Takahiro Asai, and Yukihiro Okumura (NTT DOCOMO, INC., Japan)

TC2-5

16:45-17:00

Design of an FPGA Based Visible Light Communication System

Yinjie Jia, Minglun Zhang, Yongqing Huang, and Yangan Zhang (Beijing University of Posts and Telecommunication, China)

TC2-6

17:00-17:15

SRS Induced Power Depletions of WDM Signals by a High Power OTDR Signal in Mobile Fronthauls

Eon-sang Kim (University of Science and Technology, Korea), Han Hyub Lee, Jyung Chan Lee, and Sang Soo Lee (ETRI, Korea)