
Session Title: [TC1] Photonic Device Technology

Date: August 28, 2014 (Thu.)

Time: 13:30-15:00

Room Room C

TC1-1

13:30-14:00

[Invited] Silicon Photonics Optical DeMUX Technology for WDM Applications

Seok-hwan Jeong (PETRA, Japan)

TC1-2

14:00-14:30

[Invited] Mach-Zehnder Modulators with Active Y-branch Structure for Precise Lightwave Control

Hirochika Nakajima, Yuya Yamaguchi (Waseda Univ., Japan), Tetsuya Kawanishi (NICT, Japan), and Masayuki Izutsu (JSPS-SF/Waseda Univ., Japan)

TC1-3

14:30-14:45

Stable Wavelength Switching within 50 ns Using Tunable Distributed Amplification (TDA-) DFB Lasers

Hirokazu Onji, Shota Takeuchi, Yudai Tatsumoto, Kazutoshi Kato (Kyushu University, Japan), Nobuhiro Nunoya, Makoto Shimokozono, and Hiroyuki Ishii (NTT Corporation, Japan)

TC1-4

14:45-15:00

Effect of Wavelength Detuning on Hysteresis Width of Single Mode Fabry-Perot Laser Diode and Its Impact on the Realization of Optical SR Latch

Bikash Nakarmi and Yong Hyub Won (KAIST, Korea)