



Session Title	Optical Transmitter 1	Session Code	3D2
Date and Time	July 3 (Tue.) / 16:00-17:30 (90')		
Place	Room D		
Session Chair	Nicola Calabretta (TU/e)		

3D2-1 (Invited)

16:00-16:30 (30')

Modeling Depletion-Type Si Ring Modulators

Woo-Young Choi¹, Minkyu Kim¹, Myungjin Shin¹, Byung-Min Yu¹, Christian Mai², Stefan Lischke², and Lars Zimmermann²

¹Yonsei Univ., Korea, ²IHP, Germany

3D2-2 (Invited)

16:30-17:00 (30')

Ultra-Low-Power Microring Modulators for PAM and WDM Links

Wei Shi and Yelong Xu
Université Laval, Canada

3D2-3

17:00-17:15 (15')

A Wavelength Stabilization Integrated Circuit for 25-Gb/s Si Micro-Ring Modulator

Min-Hyeong Kim¹, Lars Zimmermann², and Woo-Young Choi¹

¹Yonsei Univ., Korea, ²IHP, Germany

3D2-4

17:15-17:30 (15')

An Actively Mode-Locked Laser based on a 5th Order Micro-Ring Resonator

Qihong Wu¹, Yuhua Li², Shaohao Wang³, Qian Li¹, and Sai Tak Chu²

¹Peking Univ., China, ²City Univ. of Hong Kong, China, ³Fuzhou Univ., China