



Session Title	Photonic Integrated Circuits	Session Code	5D2
Date and Time	July 5 (Thu.) / 10:30-12:00 (90')		
Place	Room D		
Session Chair	Stefan Lischke (IHP)		

5D2-1 (Invited)

10:30-11:00 (30')

Photonic Integrated WDM Cross-Connects for Telecom and Datacom Networks

Nicola Calabretta, Kristif Prifti, and Xuwei Xue
Eindhoven Univ. of Tech., Netherlands

5D2-2 (Invited)

11:00-11:30 (30')

Monolithically Integrated SG-DBR tunable lasers for optical communications

Su Hwan Oh¹, Ki-Hong Yoon², Oh Kee Kwon¹, Ki Soo Kim¹, and Chul Wook Lee¹
¹ETRI, Korea, ²OE Solutions, Co., Ltd., Korea

5D2-3

11:30-11:45 (15')

Optical Phased Array based on Silicon Waveguides with Non-Uniform Widths

Jingye Chen¹, Yanling Sun², Shijie Wei², Xiang'e Han², and Yaocheng Shi¹
¹Zhejiang Univ., China, ²Xi'dian Univ., China

5D2-4

11:45-12:00 (15')

Monolithically Integrated Optical NAND Gate using Light-Emitting Transistors

Hsuan-Han Chen, Chi-Wei Wang, and Chao-Hsin Wu
Nat'l Taiwan Univ, Taiwan