

Session Title	Photonics Devices 3	Session Code	6E1
Date and Time	July 6 (Fri.) / 08:30-10:00 (90')		
Place	Room E		
Session Chair	Antonella Bogoni (Scuola Superiore)		

6E1-1 (Invited)

08:30-09:00 (30')

All-Optimized Integrated Microwave Photonic Bandstop Filter

Yang Liu¹, Jason Hotten¹, Amol Choudhary¹, David Marpaung², and Benjamin J. Eggleton¹

¹Univ. of Sydney, Australia, ²Univ. of Twente, Netherlands

6E1-2 (Invited)

09:00-09:30 (30')

PLC-based Mode Controlling Devices for Mode-Division-Multiplexing

Takeshi Fujisawa¹, Taiji Sakamoto², Takashi Matsui², Kyozo Tsujikawa², Kazuhide Nakajima², and Kunimasa Saitoh¹

¹Hokkaido Univ., Japan, ²NTT Corp., Japan

6E1-3

09:30-09:45 (15')

Demonstration of on-Chip Mode Conversion, Multiplexing and Demultiplexing using Cascaded MMI Couplers on InP Substrate

Zhaosong Li^{1,2}, Dan Lu^{1,2}, Yiming He^{1,2}, Hongyan Yu^{1,2}, Xuliang Zhou^{1,2}, and Jiaoqing Pan^{1,2}

¹Chinese Academy of Sci., China, ²Univ. of Chinese Academy of Sci., China

6E1-4

09:45-10:00 (15')

Directly Inscribed Mode (de)Multiplexer over C-Band based on Tapered Mode-Selective Coupler

Xiao Xu, Lin Ma, and Zuyuan He

Shanghai Jiao Tong Univ., China