

Session Title	Silicon Photonics 2	Session Code	4E3
Date and Time	July 4 (Wed.) / 14:00-15:30 (90')		
Place	Room E		
Session Chair	Sangin Kim (Ajou Univ.)		

4E3-1 (Invited)

14:00-14:30 (30')

Silicon Photonics Device Technologies for On-Chip WDM Applications

Seok-Hwan Jeong
Photonics Electronics Technology Research Association, Japan

4E3-2 (Invited)

14:30-15:00 (30')

Silicon Photonics for Radio-Frequency Signal Processing

Linjie Zhou, Xinyi Wang, Jiayu Jing, Liangjun Lu, and Jianping Chen
Shanghai Jiao Tong Univ., China

4E3-3

15:00-15:15 (15')

Optical Absorption and Free Carrier Dynamics in MoS₂-on-Silicon Waveguide

Yi Wang¹, Ming Feng², and Hon Ki Tsang¹
¹The Chinese Univ. of Hong Kong, China, ²Nankai Univ., China

4E3-4

15:15-15:30 (15')

Mode Evolution in Cladding-Modulated Si Photonics Waveguide Gratings

You-Cheng Lu, Ya-Ching Liang, Chong-Jia Wu, and Yung-Jr Hung
Nat'l Sun Yat-sen Univ., Taiwan