

Session Title	Advanced Optical Devices 1	Session Code	5D4
Date and Time	July 5 (Thu.) / 16:00-17:30 (90')		
Place	Room D		
Session Chair	TBA		

5D4-1 (Invited)

16:00-16:30 (30')

Optimized Optical Devices for Active Integrated Quantum Photonics Applications

Ching Eng Png, Jun Rong Ong, Thomas Y. L. Ang, Alagappan Gandhi, and Soon Thor Lim
Inst. of High Performance Computing, Singapore

5D4-2 (Invited)

16:30-17:00 (30')

Electro-Absorption Modulator for Advanced Modulation Format

U. Mankong^{1,2}, P. Mekbungwan¹, K. Inagaki², and T. Kawanishi^{2,3}

¹Chiang Mai Univ., Thailand, ²Nat'l Inst. of Information and Communications Tech., Japan, ³Waseda Univ., Japan

5D4-3

17:00-17:15 (15')

A Simple Route Towards Heat Resistant Halide Perovskite-based Optoelectronics

In Soo Kim¹ and Alex B. F. Martinson²

¹KIST, Korea, ²Argonne Nat'l Lab., USA

5D4-4

17:15-17:30 (15')

Cavity-Dumped Mode-Locked Picosecond Alexandrite Single Pulse Laser with Double Trigger System

Hee Dong Yang^{1,2}, Byunghuck Moon¹, Ju Han Lee², and Young Min Jhon¹

¹KIST, Korea, ²Univ. of Seoul, Korea