

Session Title	Optical Transmitter 2	Session Code	4D1
Date and Time	July 4 (Wed.) / 08:30-10:00 (90')		
Place	Room D		
Session Chair	Kyoungsik Yu (KAIST)		

4D1-1 (Invited)

08:30-09:00 (30')

Heterogeneously Integrated III-V/Si Mach-Zehnder Modulator

T. Hiraki, T. Aihara, K. Hasebe, T. Fujii, K. Takeda, T. Tsuchizawa, T. Kakitsuka, H. Fukuda, and S. Matsuo
NTT Corp., Japan

4D1-2 (Invited)

09:00-09:30 (30')

Silicon-on-Chip Laser based on Bound States in the Continuum

Il-Sug Chung^{1,2}, Sushil Tandukar¹, and Alireza Taghizadeh¹
¹Technical Univ. of Denmark, Denmark, ²UNIST, Korea

4D1-3

09:30-09:45 (15')

High Performance and Reliable 1.3 μm

InAs Qu

Daehwan Jung¹, Robert Herrick², Justin Norman¹, Yating Wan¹, Arthur C. Gossard¹, and John E. Bowers¹
¹Univ. of California Santa Barbara, USA, ²Intel Corp., USA

4D1-4

09:45-10:00 (15')

High Speed Data Transmission under Voltage Modulation of Transistor Lasers

Chien-Ting Tung¹, Shu-Wei Chang², and Chao-Hsin Wu¹
¹Nat'l Taiwan Univ., Taiwan, ²Academia Sinica, Taiwan