

Room G (Miami), 2F

Chair: Heedeuk Shin (POSTECH)

Tu2G

June 30 (Tue), 2026

Quantum Communication and Photonic Devices

10:15-11:45

Tu2G-1 Invited 10:15-10:45

Silicon-Based Heterogeneous Integrated Quantum Photonic Chips

Gong Zhang
Zhejiang University

Tu2G-2 Invited 10:45-11:15

Continuous-Variable Entanglement-Assisted Quantum Communication and Quantum Chip

Xiaolong Su, Siyu Ren, Xuezhi Zhu, Meihong Wang
Shanxi University

Tu2G-3 11:15-11:30

Fully Integrated PIC-Based Phase-Encoding QKD Transmitter Packaged in a CFP2 Module

Junsang Oh, Joong-Seon Choe, Byung-Seok Choi, Ju Hee Baek, Chun Ju Youn
Electronics and Telecommunications Research Institute

Tu2G-4 11:30-11:45

1.3 km Free-Space Entanglement-Based QKD with Polarization-Entangled Photons

Taewon Kim, Hyeokin Kang, Gibeon Gu, Jaeyoon Kim, Heonoh Kim, Young-Jin Kim
Korea Advanced Institute of Science and Technology