



Session Title	Quantum Communication Devices	Session Code	5D3
Date and Time	July 5 (Thu.) / 14:00-15:30 (90')		
Place	Room D		
Session Chair	Hyun Do Jung (ETRI)		

### 5D3-1 (Invited)

14:00-14:30 (30')

#### Optical Components and System for Free-Space Quantum Key Distribution

Chun Ju Youn, Haesin Ko, Byung-Seok Choi, Joong-Seon Choe, Kap-Joong Kim, Jong-Hoi Kim, and Yongsoon Baek  
ETRI, Korea

### 5D3-2 (Invited)

14:30-15:00 (30')

#### Modern Tools for Classical and Quantum Communication with Vector Vortex Beams

Andrew Forbes  
Univ. of the Witwatersrand, South Africa

### 5D3-3

15:00-15:15 (15')

#### A Quantum Hacking Method without Eve's Detection and Generation Device

Min Soo Lee, Sang-Wook Han, and Sung Moon  
KIST, Korea

### 5D3-4

15:15-15:30 (15')

#### Spectral Correlation of Photon Pairs Generated in the Normal Group-Velocity-Dispersion Regime Beside Pump

Kyungdeuk Park, Dongjin Lee, Yoon-Ho Kim, and Heedeuk Shin  
POSTECH, Korea