



제 32회 한국반도체학술대회

The 32nd Korean Conference on Semiconductors

2025년 2월 12일(수)-14일(금) | 강원도 하이원리조트

Future Normal in Semiconductor

2025년 2월 14일(금), 15:10-17:10

Room G(사파이어 II+III), 5층

V. Quantum Technology 분과

073_[FG3-V] Quantum Technology 3

좌장: 이문주 교수(포항공대), 김진욱 박사(한국표준과학연구원)

<p>초청 FG3-V-1 15:10-15:40</p>	<p>양자 플랫폼을 통한 양자 알고리즘 활용 사례 정현철 노르마</p>
<p>초청 FG3-V-2 15:40-16:10</p>	<p>Single Photon Sources for Quantum Computers Donghan Lee¹, Yudong Jang¹, Daehyun Ahn², Hyunju Ahn³, and Jindong Song⁴ ¹Bright Quantum Inc., ²NIST, ³Department of Electrical Engineering, Penn State University, ⁴Center for Quantum Tchnology, KIST</p>
<p>초청 FG3-V-3 16:10-16:40</p>	<p>광집적회로 기반 양자암호통신의 새로운 기회 노광석 주식회사 큐심플러스</p>
<p>FG3-V-4 16:40-16:55</p>	<p>Design of Focusing Grating Coupler for Ion Trap Quantum Computing Chip Jaewoo Kim¹, Chiyeon Kim², Youngmin Kim¹, Taehyun Kim², and Donghwan Ahn¹ ¹Kookmin University, ²Seoul National University</p>
<p>FG3-V-5 16:55-17:10</p>	<p>Development of a Near-Concentric Cavity for an Ion-based Quantum Network Node WON Jongcheol, MOON Youngil, Lee Hyunjoon, KIM Donggeon, HA Taegy, LEE Dowon, JEONG Eunchul, KIM Uji, and LEE Moonjoo Department of Electrical Engineering, POSTECH</p>