



Future Normal in Semiconductor

2025년 2월 14일(금), 09:00-10:45

Room F(사파이어 I), 5층

V. Quantum Technology 분과

046_[FF1-V] Quantum Technology 2

좌장: 김진욱 박사(한국표준과학연구원), 인용섭 박사(ADD)

<p>초청 FF1-V-1 09:00-09:30</p>	<p>Thin-File Lithium Niobate Photonic Integrated Circuit for Quantum Technology Kiwon Moon, Guhwan Kim, Tetiana Slusar, Hong-Seok Kim, Jaegy Park, Jinwoo Kim, Jiho Park, Jin Tae Kim, Min-su Kim, and Jung Jin Ju Quantum Sensing Research Section, ETRI</p>
<p>FF1-V-2 09:30-09:45</p>	<p>Effects of Light-Induced Charging to Trapped Ions at Cryogenic Temperatures Junhee Cho, Sangsoo Han, Keumhyun Kim, Sehyeon Gwon, Hyegoo Lee, Yongha Shin, Myunghun Kim, and Moonjoo Lee Department of Electrical Engineering, POSTECH</p>
<p>FF1-V-3 09:45-10:00</p>	<p>Construction of an Optical Conveyor Belt and Optical Lattices in Atom-Cavity System Dowon Lee, Donggeon Kim, Uijin Kim, Taegy Ha, Eunchul Jeong, and Moonjoo Lee Department of Electrical Engineering, POSTECH</p>
<p>초청 FF1-V-4 10:00-10:30</p>	<p>Optomechanical Manipulation of Mechanical Fluctuations Mungyeong Jeong and Junho Suh Department of Physics, POSTECH</p>
<p>FF1-V-5 10:30-10:45</p>	<p>Thermodynamic Modelling of Energy Dissipation in Superconducting Qubits based on Multi-Physics Analysis Sung-Hyun Oh¹, Chang-Hyun Kim¹, Hyun-Woo Jung², and Eun-Ho Lee^{1,2} ¹Department of Mechanical Engineering, Sungkyunkwan University, ²Department of Smart Fab. Technology, Sungkyunkwan University</p>