

Poster Session 1 (Tuesday, May 28)

1. Brennan Dizdar, Towards strong coupling in single electron on helium systems
2. Bunpei Masaoka, Integration of superconducting quantum circuits using stacked structures
3. Qi-Yang Zhou, Fabrication and characterization of Josephson junction device using patterned optical masks
4. Daiku Kikuchi, Control center-of-mass motion of a single nanoparticle using the laser polarization
5. Seiya Shinkawa, Observation of center-of-mass motion using backscattered light from optically trapped nanoparticles
6. Ka Wing Yip, Developing experimental setup for electrons floating on the surface of solid neon
7. Kun Zuo, Progress on single electron on solid neon
8. Oleksiy Rybalko, Towards detection of spin qubits on solid neon
9. Mayer Feldman, Confining electrons in lithographically defined quantum dot arrays
10. Tiffany Liu, Electron mobility measurements on thin film across mm long transport line
11. Mincheng He, Dislocation multiplications and structural phase transitions in hcp ^4He
12. Schriganesh Neeramoole, Calculation of electron wavefunction for the case of few electron bubbles using finite difference method
13. Ying-Hsi Wu, Resistor-based generation and detection of second sound to study turbulence in radial counterflow in superfluid helium-4