

**Small Talks (25m)**

1	Julia	Amoros Binefa	Noisy atomic magnetometry with Kalman filtering and measurement-based feedback
2	Motoki	Asano	Entropy production in two-mode continuous nonlinear feedback
3	Tarasa	Bell	Magneto-Mechanical Trapping of Micro-diamonds with Magnetic Feedback Cooling
4	Giovanni	Guccione	Stabilizing a coherent optical levitation system with photothermal cancellation
5	Niharika	Gunturu	Dynamical-constraint engineering via continuous measurement feedback control for computation with physical systems
6	Jannek	Hansen	Laser-based interferometric read out of a magnetically levitated superconductor
7	Mitsuyoshi	Kamba	Nanoscale feedback control of six degrees of freedom of a near-sphere
8	Eva	Kilian	Exploring Quantum Superpositions of Macroscopic Systems as Detectors for Particles
9	Yanan	Liu	Random Telegraph Noise Mitigation using Spectator Qubits
10	Alicia	Magann	Feedback-based quantum algorithms
11	Edwin	Ng	Minimal signal-to-noise requirements in measurement-feedback Ising machines
12	Fernando	Quijandria	Quantum error correction with dissipatively stabilized squeezed cat qubits
13	Markus	Rademacher	Control of levitated nanorotors for quantum optomechanics
14	Yugang	Ren	Linear feedback cooling of an array of levitated microparticles
15	Jordy	Santiago Condori	Verification of mechanical conditional squeezing near quantum regime
16	Jesse	Slim	Optical-to-mechanical state transfer by feedback in a silicon nitride optomechanical system
17	Shilu	Tian	Feedback cooling of cm sized levitated oscillators
18	Kseniia	Vodenkova	Quantum Optical Networks with Time Delays
19	george	Winstone	5D real time feedback of optically levitated micro disks for detecting high frequency gravitational waves
20	Inbar	Zohar	Real-time frequency estimation with a non-single-shot read-out quantum sensor