

Time	Speaker/Title	Chair
9:00-9:10	Opening remarks	蔡定平主任
9:10-9:50	管希聖教授 (NTU) Electrons tunneling through quantum dot systems: Conditional counting statistics and cavity quantum electrodynamics	關肇正教授 (AS)
9:50-10:30	陳啟東教授 (AS) Superconducting Qubits and Graphene Mechanical Resonators Coupled to Electromagnetic Cavities	
10:30-10:40	Coffee Break	
10:40-11:20	林敏聰教授 (NTU) Spin- and Defect-Characteristics of Quasi-Particle Interference in Emergent Materials	陳煜璋教授 (NCTU)
11:20-12:00	吳玉書教授 (NTHU) The VOI-based valleytronics	
12:00-13:00	Lunch	
13:00-13:40	簡紋濱教授 (NCTU) The Important Role of Coulomb Interactions Played in Two- Dimensional Materials	包淳偉教授 (AS)
13:40-14:20	張之威教授 (NTU) Non-Fourier Thermal Conduction and its Quantum Implication	
14:20-15:00	李偉立教授 (AS) Quantum anomalous Hall phase in magnetic topological insulator	
15:00-15:10	Coffee Break	
15:10-15:50	李尚凡教授 (AS) Simulation results on highly anisotropic spin wave transmission through ferromagnetic domain walls and its interplay with domain wall motion	唐毓慧教授 (NCU)
15:50-16:30	黃斯衍教授 (NTU) Manipulation of pure spin current by the thermal transport	
16:30-16:40	Coffee Break	
16:40-17:20	梁啟德教授 (NTU) Quantum transport in graphene-based devices	
17:20-18:00	季威教授 (RUC) Interlayer couplings & manipulation of magnetism in 2D materials	