

July 13th, 2024			
Time	Session Details	Speaker(s)	Chair
09:00-09:30	Precision measurement for open systems by non-hermitian linear response	Peng Xu (Zhengzhou University)	Chen Wang (Zhejiang Normal University)
09:30-10:00	Coherent Raman assisted narrow linewidth laser	Dazhi Xu (Beijing Institute of Technology)	
10:00-10:20	Tea Break and Group Photo (Xinglin Building, Room 203)		
10:20-10:50	Quantum energy transport and nonclassicality of photons in light-matter interacting devices	Chen Wang (Zhejiang Normal University)	Haiping Hu (Institute of Physics, Chinese Academy of Sciences)
10:50-11:20	Few-magnon excitations in a frustrated spin-S ferromagnetic chain with single-ion anisotropy	Ning Wu (Beijing Institute of Technology)	
11:20-11:50	Low-temperature quantum thermometry	Chong Chen (The Chinese University of Hong Kong)	
12:00-13:30	Lunch Break (3rd Floor, Xinzhu Yuan)		
14:30-15:00	Non-Hermitian skin effect in arbitrary dimensions: Non-Bloch band theory and classification	Haiping Hu (Institute of Physics, Chinese Academy of Sciences)	Peng Xu (Zhengzhou University)
15:00-15:30	Dissipation induced extended-localized transition	Yucheng Wang (Southern University of Science and Technology)	
15:30-16:00	Simulation and detection of dynamical topology in nonequilibrium ultracold atomic systems	Long Zhang (Huazhong University of Science and Technology)	
16:00-16:20	Tea Break (Xinglin Building, Room 203)		
16:20-16:50	Quantum walk in a kicked Wannier-Stark model	Liwei Duan (Zhejiang Normal University)	Maoxin Liu (Beijing Normal University)
16:50-17:20	Floquet topological phases with time-reversal and space inversion symmetries and dynamical detection of topological charges	Hong Wu (Chongqing University of Posts and Telecommunications)	
17:20-17:40	Quantum metrology in the presence of decoherence	Zezhou Zhang (Lanzhou University)	
17:40-18:00	Quantum many-body phases and topological excitations in orbital optical raman lattice	Zhihao Huang (Peking University)	
18:10	Banquet (3rd Floor, Xinzhu Yuan)		
July 14th, 2024			
Time	Session Details	Speaker(s)	Chair
09:00-09:30	Exploring critical phenomena and quantum many-body scars in higher-spin Kitaev models	Wenlong You (Nanjing University of Aeronautics and Astronautics)	Shengwen Li (Beijing Institute of Technology)
09:30-10:00	Superrediant phase transition in the quantum Rabi model	Maoxin Liu (Beijing Normal University)	
10:00-10:20	Tea Break (Xinglin Building, Room 203)		
10:20-10:50	Relaxation and correlational entropy increase in isolate finite many body systems	Shengwen Li (Beijing Institute of Technology)	Wenlong You (Nanjing University of Aeronautics and Astronautics)
10:50-11:20	Unveiling higher-order topology via polarized topological charges	Wei Jia (Lanzhou University)	
11:20-11:50	Photoinduced phase switching from Mott insulator to metallic state in the quarter-filled Peierls-Hubbard model	Can Shao (Nanjing University of Science and Technology)	
12:00-13:30	Lunch Break (3rd Floor, Xinzhu Yuan)		
14:30-18:00	Free Discussion Session	All Speakers	Junhong An (Lanzhou University)
18:00-19:30	Dinner (3rd Floor, Xinzhu Yuan)		