July 13th, 2024

Time	Session Details	Speaker(s)	Chair
09:00-09:30	Spin resonance without a spin: A microwave analog	Hans-Juergen Stoeckmann (Department of Physics, Philipps University of Marburg)	Liang Huang (Lanzhou University)
09:30-10:00	Mechanisms for the emergence of order from disorder in glass forming liquids	Limei Xu (Peking University)	
10:00-10:30	Tea Break and Group Photo (Xinglin Building, Room 203)		
10:30-11:00	New Macroscopic Thermal Control Theory: Thermal Metamaterials	Jiping Huang (Fudan University)	Yisen Wang (Lanzhou University)
11:00-11:30	Crystal Rainbow Channeling	Srdjan Petrovic (University of Belgrade)	
11:30-12:00	Nonequilibrium Thermodynamic Geometry in Driven Systems	Jie Ren (Tongji University)	
12:00-13:30	Lunch Break (3rd Floor, Xinzhu Yuan)		
14:30-15:00	Bound states in the continuum in microwave networks and their statistical implications	Holger Schanz (University of Applied Sciences Magdeburg-Stendal)	Zhixi Wu (Lanzhou University)
15:00-15:30	Kinetically constrained spin model: Emerging topological constraint and thermodynamic phase transitions	Haijun Zhou (Institute of Theoretical Physics, Chinese Academy of Sciences)	
15:30-16:00	Equivalence analysis between non-Markov and Markov spreading dynamics in complex networks	Ming Tang (East China Normal University)	
16:00-16:30	Tea Break (Xinglin Building, Room 203)		
16:30-17:00	Crossover and N\'eel phase transition in the three-dimensional fermionic Hubbard model: A Monte Carlo and cold-atom experiment study	Youjin Deng (University of Science and Technology of China)	Hongya Xu (Lanzhou University)
17:00-17:30	The influence of the topology of quantum graphs on their energy spectra	Michał Ławniczak (Institute of Physics PAS)	
17:23-18:00	A New Information Thermodynamics	Bing Miao (University of Chinese Academy of Sciences)	
18:10	Banquet (3rd Floor, Xinzhu Yuan)		

July 14th, 2024

Time	Session Details	Speaker(s)	Chair
09:00-09:30	Theory of Non-equilibrium Steady States	Haiping Huang (Sun Yat-sen University)	Lianchun Yu (Lanzhou University)
09:30-10:00	Parametric reconstruction of nonlinear dynamics of complex systems	Yueheng Lan (Beijing University of Posts and Telecommunications)	
10:00-10:20	Tea Break (Xinglin Building, Room 203)		
10:20-10:50	Nonequilibrium dynamics and phase transition in magnetic skyrmions and circuit QED	Bo Zheng (Yunnan University)	Jianyue Guan (Lanzhou University)
10:50-11:20	Dynamics of the threshold model on hypergraphs	Xinjian Xu (Shanghai University)	
11:20-11:50	Extreme homogeneous and heterogeneous multistability in a novel 5D memristor-based chaotic system with hidden attractors	Chengwei Dong (North University of China)	
12:00-13:30	Lunch Break (3rd Floor, Xinzhu Yuan)		
14:30-18:00	Free Discussion Session	All Speakers	Liang Huang (Lanzhou University)
18:00-19:30	Dinner (3rd Floor, Xinzhu Yuan)		