

激发态动力学专题: 会议日程

组织人: 孟胜、赵瑾

会议地点: 松山湖材料实验室 A1 栋 202 会议室

报到时间: 2019 年 10 月 17 日

报到地点: 银丰逸居酒店

2019 年 10 月 18 日		
主持人:		
8:30-10:00	刘峰	Excited Quantum Hall Effect: Enantiomorphic Flat Bands in a Yin-Yang Kagome Lattice
10:00-10:30 茶歇/讨论		
10:30-12:00	翁羽翔	Ultrafast Spectroscopy: Principle and Applications
12:00-13:30 午餐/午休		
主持人:		
13:30-13:55	赵瑾	Time Dependent Nonadiabatic Molecular Dynamics Investigations on the Excited Carrier Dynamics
13:55-14:20	陈时友	Radiolysis-Ionization Induced Molecule Dissociation: an Ab Initio Study
14:20-14:45	蒋鸿	Small Polarons in Transition Metal Oxides from the Constrained DFT Perspective
14:45-15:10	陶镇生	The Nature of Non-Equilibrium Ultrafast Demagnetization in Ferromagnetic Nickel
15:10-15:30 茶歇/讨论		
主持人:		
15:30-15:55	戴佳钰	Electron-Ion Coupled Dynamics and Structures in Warm Dense Plasmas
15:55-16:20	程俊	Ab Initio Modeling of Electric Double Layers on Single Crystal Electrodes
16:20-16:45	张春峰	TBA
16:45-17:10	马杰	Plasmon Induced Hot Carriers in Ag Nanocluster
17:10-17:35	赵继民	Strong Pseudospin-Lattice Coupling in $\text{Sr}_3\text{Ir}_2\text{O}_7$: Coherent Phonon Anomaly and Negative Thermal Expansion
18:00 晚餐		

2019 年 10 月 19 日		
主持人:		
8:30-10:00	吴施伟	Second Harmonic Generation: A Symmetry Probe for 2D Materials
10:00-10:30 茶歇/讨论		
10:30-12:00	李新征	Ab Initio Path-Integral Molecular Dynamics: Principles and Applications
12:00-13:30 午餐/午休		
主持人:		
13:30-13:55	张文涛	Ultrafast Phase Transitions in Chalcogenides Revealed by Time- and Angle-Resolved Photoemission Spectroscopy
13:55-14:20	潘鼎	A First-Principles Method to Determine Speciation with Raman Spectroscopy and Molecular Polarizability
14:20-14:55	程亮	THz Emission Spectroscopy of Topological Materials
14:55-15:20	季敏标	TBA
15:20-15:40 茶歇/讨论		
主持人:		
15:40-16:05	陈基	On the Electronic Structure of Titanium Oxide Molecules and Solids
16:05-16:30	王枫秋	TBA
16:30-16:40	刘开辉	TBA
16:40-16:50	徐志平	Electronic Excitation in Two-Dimensional Materials under Single-Ion Irradiation
16:50-17:00	马玉臣	暗态在周期性体系激发态能量传递中的作用
17:00-17:10	张萃	Moisture-Enhanced Corrosion on Actinide
17:10-17:20	刘淼	TBA
17:20-17:30	孟胜	Photodynamics of Weyl Quasiparticles
18:00 晚宴(银丰逸居酒店)		

2019 年 10 月 20 日		
主持人:		
8:30-10:00	兰峥岗	Nonadiabatic Dynamics: Semiclassical Dynamics, Quantum Dynamics and Machine Learning
10:00-10:30 茶歇/讨论		
10:30-10:55	张群	Ultrafast Exciton Dynamics in Photoexcited Nanomaterial Systems
10:55-11:20	龙闰	Photoexcitation Dynamics in Perovskite Materials
11:20-11:45	丁子敬	Delta Self-Consistent Field Method to Obtain the Screened Excited States
11:45-12:10	李贤斌	TDDFT Molecular Dynamics for Unconventional Phase Transition in Phase-Change Memory GeTe
12:10 午餐		