# 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

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| **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 Sr3Ir2O7: Coherent Phonon Anomaly and Negative Thermal Expansion |
| 18:00 晚餐 | | |



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| **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) | | |



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| **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 | | |