**北京大学——台湾大学化学学术研究交流会**

时间：2019年5月8日（周三）8:50-17:30

地点：A204（学生报告）/A205（教师报告）

负责人：甘良兵

欢迎参加！



**双边研究生学术交流会（A204）**

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| **时间** | **报告人** | **报告主题** |
| 8:50-9:05 | 黃志盛（臺灣大學） | Molybdenum Disulfide Nanomaterials for Lithium-CO2 Battery Cathode Catalysts |
| 9:05-9:20 | 谢肖（北京大学） | Genetically Encoded Multifunctional Protein Photocrosslinkers |
| 9:20-9:35 | 張修菩（臺灣大學） | Stereodynamic Study of Spatially Oriented 1-bromo-2-methylbutane Through Ion Imaging Technique |
| 9:35-9:50 | 李思伟（北京大学） | Impact of Coordination Environment on Atomically Dispersed Pt for Oxygen Reduction Reaction |
| 9:50-10:05 | 郭廷浩（臺灣大學） | A Universal Mass Spectrometric Method for identification and quantification of Lipid Double-bond Positional Isomers Enabled by mCPBA Epoxidation |
| 10:05-10:20 | 饶海霞（北京大学） | Inorganic Functional Materials in p-i-n Heterojunction Perovskite Solar Cells |
| 10:20-10:45 | 茶歇 |
| 10:45-11:00 | 邱子瑋（臺灣大學） | Synthesis, Characterization, and Immunogenicity of O-specific Polysaccharide-based Glycan Vaccine against Salmonella Typhimurium |
| 11:00-11:15 | 刘志亮（北京大学） | The Synthesis Method and Lithium/Sodium Storage Performance Studies of Silicon and Metal Phosphide Nanomaterials |
| 11:15-11:30 | 成凱翔（臺灣大學） | Large-Area Synthesis of Ambipolar Single Crystalline Rhenium Diselenide for Near-Infrared Light-Emitting Diodes |
| 11:30-11:45 | 宁莹莹（北京大学） | Design of Highly Luminescent Ytterbium(III) Molecular Probes for NIR Bioimaging |
| 11:45-14:00 | 午餐 |
| 14:00-14:15 | 陳子建（臺灣大學） | Probing the Helical Inversion of a Molecular Switch with a Molecular Rotor |
| 14:15-14:30 | 杜山山（北京大学） | Dilithio Reagents and Metallacyclopentadienes Mediated P4 Activation |
| 14:30-14:45 | 張峻瑋（臺灣大學） | Indicator-assisted Control and Guidelines for Glycosylation Reactions via Reactivity and Intermediate |
| 14:45-15:00 | 覃珂（北京大学） | Quantitative Profiling of Protein O-GlcNAcylation Sites And Discovery of Artificial S-Glycosylation by an Isotope-Tagged Cleavable Linker |
| 15:00-15:15 | 張晏展（臺灣大學） | Direct Observation of the Protein-DNA Interaction Using Passive Force-Clamp Optical Tweezers |
| 15:15-15:30 | 邓兵（北京大学） | Graphene as Electronic Materials: Growth of Single-Crystal Graphene Wafer |
| 15:30-15:50 | 茶歇 |
| 15:50-16:05 | 簡翊庭（臺灣大學） | Effect of Mesoporous Silica Nanoparticle Properties and Associated Protein Corona on Nano-Bio Interactions |
| 16:05-16:20 | 董博为（北京大学） | Quantum Coherence in Molecular Magnets |
| 16:20-16:35 | 鄭郁璇（臺灣大學） | Charge-Transfer Induced Anion Migration Probed by the Linear D-π-A Phosphonium Fluorophores |
| 16:35-16:50 | 王立刚（北京大学） | Stable and Efficient Lead Halide Perovskite Optoelectronic Devices |
| 16:50-17:30 | 自由讨论 |

**双边教师学术交流会（A205）**

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| **时间** | **报告人** | **报告题目** |
| 8:50-9:20 | 彭旭明（臺灣大學） | Molecular Metal Wires: From Homonuclear Metal String Complexes to Heteronuclear Metal String Complexes |
| 9:20-9:50 | 吴凯（北京大学） | Mediating Surface Reactions with Molecular Assembly Strategy |
| 9:50-10:20 | 李弘文（臺灣大學） | Single-molecule Mechanistic Studies of How Accessory Protein Stimulates Recombinase Filament Assembly |
| 10:20-10:40 | 茶歇 |
| 10:45-11:15 | 刘志伟（北京大学） | Electroluminescence Study of Rare Earth Complexes |
| 11:15-11:45 | 江建文（臺灣大學） | Organometallics-Based SERS Reporters |
| 11:45-14:00 | 午餐 |
| 14:00-14:30 | 李彦（北京大学） | In situ study of Tungsten-Cobalt Intermetallic Nanocrystals in Reactive Environment at High Temperature |
| 14:30-15:00 | 牟中原（臺灣大學） | Mimicking the Structure and Function of Diatom Frustle |
| 15:00-15:30 | 蒋尚达（北京大学） | Adiabatic Control of the Quantum Phase by Electric Field in a Rare Earth Crystal |
| 15:30-15:50 | 茶歇 |
| 15:50-16:20 | 張慕傑（臺灣大學） | Reversible Homolytic Activation of Water via Metal-Ligand Cooperativity in a T-Shaped Ni(II) Complex |
| 16:20-16:50 | 黄闻亮（北京大学） | Inverse sandwich Arene Complexes of f-Elements: Synthesis, Characterization and Electronic Structure |
| 16:50-17:30 | 自由讨论 |