

## Programme Agenda

26 September		
Time	Session	Chair
08:30	Welcome and introduction	Chen Zhu
Session	<u>Radical Chemistry</u>	
08:40	<b>Oxidation Induced C-H Activation and Catalytic Oxidative Cross-Coupling</b> Aiwen Lei, <i>Wuhan University</i>	Chen Zhu
09:20	<b>LMCT Catalysis for Selective Functionalization of Strong Bonds</b> Zhiwei Zuo, <i>Shanghai Institute of Organic Chemistry, CAS</i>	
09:45	<b>Electrifying Radical Reactions</b> Haichao Xu, <i>Xiamen University</i>	
10:10	Photo & Coffee Break	
10:40	<b>Cooperative Copper(II)-catalyzed Radical-involved Asymmetric Reactions</b> Xinyuan Liu, <i>Southern University of Science and Technology</i>	Huan Cong
11:05	<b>Reactions Enabled by Alkyl Peroxides</b> Hongli Bao, <i>Fujian Institute of Research on the Structure of Matter, CAS</i>	
11:30	<b>Radical Reactions of Trisulfur Radical Anion (S<sub>3</sub><sup>•-</sup>) and Carbon Chalcogen Bond Formation Reactions</b> Shunyi Wang, <i>Soochow University</i>	
12:00	Lunch	
Session	<u>Asymmetric Catalysis</u>	
13:30	<b>Recent Progress on TM-catalyzed Asymmetric Allylic Dearomatization Reactions</b> Shuli You, <i>Shanghai Institute of Organic Chemistry, CAS</i>	Qiang Liu
14:10	<b>Catalytic Asymmetric Oxidation of C(sp<sup>3</sup>)-H Bonds</b> Lei Liu, <i>Shandong University</i>	
14:35	<b>Metal-catalyzed Asymmetric Sequential Hydrofunctionalization of Alkynes</b> Zhan Lu, <i>Zhejiang University</i>	
14:50	Coffee Break	
15:20	<b>Asymmetric Trapping of Pd-containing Dipoles by Photogenerated Ketenes</b> Liangqiu Lu, <i>Central China Normal University</i>	Xin Xu
15:45	<b>Selective Modification of Polyols</b> Dawen Niu, <i>Sichuan University</i>	
16:10	<b>Publishing session:</b> meet the editors	Guanqun Song
17:00	Closing remarks	
18:00	Dinner and round table discussion	

## Programme Agenda

27 September		
Time	Session	Chair
08:30	Welcome and introduction	Yanguang Li
Session	<u>Solar Cell</u>	
08:40	<b>Behind the Stability: Defect and Charge Loss of Perovskite Solar Cells</b> Qingbo Meng, <i>Institute of Physics, CAS</i>	Jianyu Yuan
09:20	<b>Stable Printable Mesoscopic Perovskite Solar Cells Passing IEC61215 Qualification Tests with the Strengthened and Nano-localized Effect</b> Hongwei Han, <i>Huazhong University of Science and Technology</i>	
09:45	<b>Defect and Passivation Strategies for High-Performance Perovskite Solar Cells</b> Zhaokui Wang, <i>Soochow University</i>	
10:10	Photo & Coffee Break	
10:40	<b>Interface Engineering for Efficient Perovskite Solar Cells</b> Ziyi Ge, <i>Ningbo Institute of Materials Technology and Engineering, CAS</i>	Xuedong Wang
11:05	<b>Intrinsic Factors and Improvement Strategy on Operational Stability Perovskite Solar Cells</b> Qing Zhao, <i>Peking University</i>	
11:30	<b>High Efficiency CsPbI<sub>3</sub> Inorganic Perovskite Solar Cells</b> Yixin Zhao, <i>Shanghai Jiao Tong University</i>	
12:00	Lunch	
Session	<u>Conjugated Optoelectronic Functional Materials</u>	
13:30	<b>Molecular-carbon Imides: Precise Synthesis and Applications</b> Zhaohui Wang, <i>Tsinghua University</i>	Zuoquan Jiang
14:10	<b>Organic Light-emitting Radicals and Diodes with Doublet Emission</b> Feng Li, <i>Jilin University</i>	
14:35	<b>Organic Phosphine Oxide Materials for Electroluminescence</b> Hui Xu, <i>Heilongjiang University</i>	
14:50	Coffee Break	
15:20	<b>BN-Embedded Tetrabenzopentacene with Remarkable Ambient Stability</b> Jieyu Wang, <i>Peking University</i>	Lizhen Huang
15:45	<b>Aggregation-induced Emission Lunimogens for Biomedical Applications</b> Dan Ding, <i>Nankai University</i>	
16:10	<b>Publishing session:</b> meet the editors	Guanqun Song
17:00	Closing remarks	
18:00	Dinner and round table discussion	