

# Agenda

## Discovery, Design and Synthesis of Functional Molecules Symposium

- Junlan Ballroom, Hangzhou Narada Resort & Spa Liangzhu -  
- 杭州良渚君澜酒店, 君澜厅 -

October 26 <sup>th</sup> , Tuesday, Day 1	
08:30-08:40	Welcome Remarks
<b>Session I</b>	Chair: Dr. Zhichang Liu (PI of School of Science, Westlake University)
08:40-10:20	<b>Construction of Zigzag Hydrocarbon Belts—An Organic Chemist's Perspective on Carbon Nanostructures</b> Speaker 1: Meixiang Wang (Tsinghua University)
	<b>Understanding Carrier Transfer Across Interfaces in Metal Halide Perovskites</b> Speaker 2: Juan-Pablo Correa-Baena (Georgia Institute of Technology, USA) <i>Online</i>
	<b>Synthesis and Imbalanced C–H Activation Reactivity of a Terminal Co Oxo Complex</b> Speaker 3: John Anderson (University of Chicago, USA) <i>Online</i>
10:20-10:50	Photo Taking / Refreshment Break
<b>Session II</b>	Chair: Dr. Lihan Zhang (PI of School of Science, Westlake University)
10:50-12:20	<b>Combining Synthetic Chemistry and Biology for Streamlining Access to Complex Molecules</b> Speaker 4: Hans Renata (The Scripps Research Institute, USA) <i>Online</i>
	<b>Lecture 5 (为合成科学插上化学与生物两只翅膀)</b> Speaker 5: Xiaoguang Lei (Peking University)
	<b>Chemical Proteomic Profiling of Functional Modifications by Reactive Metabolites</b> Speaker 6: Chu Wang (Peking University)
12:20-13:50	Buffet & Lunch Break
<b>Session III</b>	Chair: Dr. Haihua Lu (PI of School of Science, Westlake University)
13:50-15:00	<b>Exo-selective Diels–Alder Reactions Enabled by a Bispyrrolidine Diboronate</b> Speaker 7: Zhen Yang (Peking University)
	<b>Lecture 8 (含氟复杂分子的合成研究)</b> Speaker 8: Pingping Tang (Nankai University)
15:00-17:30	Free Tour

## October 27<sup>th</sup>, Wednesday, Day 2

<b>Session IV</b>	Chair: Dr. Zhaobin Wang (PI of School of Science, Westlake University)
08:30-10:10	<b>Lecture 9 (有机功能染料与产品工程)</b> Speaker 9: Weihong Zhu (East China University of Science and Technology)
	<b>Nickel-Mediated Radical Pathways and Applications in C-Glycosylation</b> Speaker 10: Tianning Diao (New York University, USA) <i>Online</i>
	<b>Lecture 11 (手性 Lewis 碱和过渡金属协同不对称催化)</b> Speaker 11: Liuzhu Gong (University of Science and Technology of China)
10:10-10:30	Refreshment Break
<b>Session V</b>	Chair: Dr. Huaimin Wang (PI of School of Science, Westlake University)
10:30-12:00	<b>Discovery and Biosynthesis of Marine Actinobacteria-Derived Polycyclic Natural Products</b> Speaker 12: Changsheng Zhang (South China Sea Institute of Oceanology)
	<b>Lecture 13 (时空分辨的生物正交反应及分子探针)</b> Speaker 13: Yan Zhang (Nanjing University)
	<b>Lecture 14 (无机磷材料的化学生物学研究)</b> Speaker 14: Jin Zhao (Nanjing University) <i>Online</i>
12:00-13:30	Buffet & Lunch Break
<b>Session VI</b>	Chair: Dr. Wenjie Dou (PI of School of Science, Westlake University)
13:30-15:10	<b>Molecular Materials Property Prediction: Mechanism and Computational Methods</b> Speaker 15: Zhigang Shuai (Tsinghua University)
	<b>Visualizing a Single Molecule at the Single-Bond Limit</b> Speaker 16: Yi Luo (University of Science and Technology of China)
	<b>Lecture 17 (多孔芳香骨架材料-PAFs)</b> Speaker 17: Guangshan Zhu (Northeast Normal University)
15:10-15:30	Refreshment Break
<b>Session VII</b>	Chair: Dr. Biaobiao Zhang (PI of School of Science, Westlake University)
15:30-17:10	<b><i>In Situ</i> Neutron Measurements in Materials Chemistry</b> Speaker 18: Howard Wang (University of Maryland, College Park, USA)
	<b>Dynamics and Mechanism of Water Oxidation Catalysts</b> Speaker 19: Mårten S. G. Ahlquist (Royal Institute of Technology, Sweden) <i>Online</i>
	<b>The Coalescence Behavior of Two-Dimensional Materials Revealed by Multiscale <i>In Situ</i> Imaging</b> Speaker 20: Zhujun Wang (ShanghaiTech University)
	<b>Molecular Reaction Dynamics at the Air-Water Interface</b> Speaker 21: Xinxing Zhang (Nankai University)

