

OCPA10 2026 Chemical Physics Schedule & Timetable

2026/6/22 Monday (Session CHE1)

Venue: Room 328

Time	Speaker	Presentation Title
13:30-14:00	Prof. Hai-lung Dai	OBSERVING MOLECULAR TRANSPORT THROUGH LIVING CELL MEMBRANES BY NONLINEAR OPTICAL SPECTROSCOPY
14:00-14:30	Prof. Chuanshan Tian	Interface THz Nonlinear Optical Spectroscopy
14:30-15:00	Prof. Yu-chieh Wen	Momentum-dependent nonlinear optical spectroscopy of electrical double layer
15:00-15:30	Prof. Hongtao Bian	Anion Binding in Solution Investigated by Ultrafast Vibrational Spectroscopy

2026/6/23 Tuesday (Session CHE2, CHE3)

Venue: Room 328

Time	Speaker	Presentation Title
13:30-14:00	Prof. Jer-lai Kuo	Development of Ab Initio Anharmonic Algorithms
14:00-14:30	Prof. Yuan-Chung Cheng	Quantum Dynamical Simulations of Two-Dimensional Spectroscopy via the Schrödinger–Langevin Equation
14:30-15:00	Prof. Weixue Li	Unified Theoretical Framework of Metal-Support Interaction for Designing Ultrastable and Active Catalysts
15:00-15:30	Prof. Jun Cheng	AI acceleration of AIMD simulation of electrochemical interfaces
Break		
15:50-16:20	Prof. Junrong Zheng	What Leads to Aggregation-Induced Emission?
16:20-16:50	Prof. Wenkai Zhang	Femtosecond optics and X-ray lasers and its application in ultrafast dynamics research
16:50-17:20	Prof. Xin-feng Liu	Ultrafast Spectroscopy at Microscale: Principles and Applications
17:20-17:50	Prof. Shaowei Li	SINGLE-MOLECULE INFRARED SPECTROSCOPY WITH SCANNING TUNNELING MICROSCOPY

2026/6/24 Wednesday (Session CHE4, CHE5)

Venue: Room 328

Time	Speaker	Presentation Title
13:30-14:00	Prof. Donghui Quan	Matter Growth in the Interstellar Medium: A Chemical Physics Approach to Molecular Complexity in the Era of AI
14:00-14:30	Prof. Xing-An Wang	High-Resolution Reactive Scattering Experiments Using Velocity Map Ion Imaging
14:30-15:00	Prof. Jing-song Zhang	Quantum interferences in photodissociation of small free radicals
15:00-15:30	Prof. Qian Gou	Beyond Pairwise Interactions in Ternary Heteromolecular Clusters
Break		
15:50-16:20	Prof. Hong Jiang	New developments in density-matrix based quantum embedding approaches to strongly correlated systems
16:20-16:50	Prof. Qiang Shi	Open system quantum dynamics approaches for chemical dynamics: Methodological developments and applications
16:50-17:20	Prof. Jian Liu	Nonadiabatic Field: A Conceptually Novel Approach for Nonadiabatic Transition Dynamics
17:20-17:50	Prof. Wenjie Dou	Memory Kernel Coupling Theory for Spin-Phonon Interactions in Molecular Qubits