

Parallel Session: Atomic and Molecular Physics & Optics

AMO	Oct 20	Oct 21	Oct 22	Oct 23	Oct 24
Chair	Plenary Session				Ya Cheng
09:00-09:25					Dong Wu
09:25-09:40					Taro Sekikawa
09:40-9:55					Weitao Liu
09:55-10:20					Xiulai Xu
10:20-10:50	Break				
Chair	Plenary Session	No AMO	Xiaojun Liu	No AMO	Plenary Session
10:50-11:15			Yuya Morimoto		
11:15-11:30			Kaihui Liu		
11:30-11:45			Chen Ge		
11:45-12:10			Ruwen Peng		
12:10-14:00	Lunch				
13:00-14:00	Poster				Departure
Chair	No AMO	Kuijuan Jin	Peixiang Lu	Zengxiu Zhao	
14:00-14:25		Xiaodong Cui	Yutong Li	Blair Blakie	
14:25-14:50		Zhigang Chen	Satoshi Nihonyanagi	Ye Tian	
14:50-15:05		Kai Dieckmann	Yuxi Fu	Yap Seong Shan	
15:05-15:30		Chuanshan Tian	Xiaojun Liu	Jianing Chen	
15:30-16:00	Break				
Chair	No AMO	Chuanshan Tian	Leong Chuan Kwek	Ye Tian	
16:00-16:25		Qinghai Song	Shijie Xu	Sadiq Rangwala	
16:25-16:50		Yuao Chen	Peixiang Lu	Zengxiu Zhao	
16:50-17:05		Jiafang Li	Rainer Dumke	Haizhong Guo	
17:05-17:20		Pua Chang Hong	Zhe Yuan	Raymond Ooi	
17:20-17:35		Shuqi Chen	Xiang Gao	Erjia Guo	
17:35-17:50		/	/	Chun Chen	

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Date: October 21

chair	Kuijuan Jin	
14:00-14:25	Xiaodong Cui The University of Hong Kong	Exciton polarization in 2D TMDs
14:25-14:50	Zhigang Chen Nankai University	Empowering Topological Photonics for OAM Manipulation
14:50-15:05	Kai Dieckmann National University of Singapore	Rotational Spectroscopy and Magic Optical Lattices for Ultracold LiK Ground State Molecules
15:05-15:30	Chuanshan Tian Fudan University	Interface Nonlinear Optical Spectroscopy in an Emerging Spectral Regime
15:30-16:00	Break	
chair	Chuanshan Tian	
16:00-16:25	Qinghai Song Harbin Institute of Technology (Shenzhen)	Metalasers with arbitrarily shaped wavefront
16:25-16:50	Yao Chen University of Science and Technology of China	Quantum Manipulation with Ultracold Atoms
16:50-17:05	Jiafang Li Beijing Institute of Technology	Deformable optical nanostructures and applications
17:05-17:20	Pua Chang Hong Tunku Abdul Rahman University	Numerical Simulation of the Response of Erbium-Doped Fibre Ring Laser (EDFRL) under Loss Modulation
17:20-17:35	Shuqi Chen Nankai University	TBA

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Date: October 22

chair	Xiaojun Liu	
10:50-11:15	Yuya Morimoto Institute of Physical and Chemical Research	Attosecond electron beams for ultrafast molecular imaging
11:15-11:30	Kaihui Liu Peking University	Optical crystals of 2D materials
11:30-11:45	Chen Ge Institute of Physics,CAS	Interface-engineered non-volatile visible-blind photodetector for in-sensor computing
11:45-12:10	Ruwen Peng Nanjing University	Matte surfaces with broadband transparency
chair	Peixiang Lu	
14:00-14:25	Yutong Li Institute of Physics,CAS	Generation and applications of intense laser-driven terahertz radiation
14:25-14:50	Satoshi Nihonyanagi Institute of Physical and Chemical Research	Ultrafast Vibrational Dynamics of Water at Interfaces
14:50-15:05	Yuxi Fu Xi'an Institute of Optics and Precision Mechanics of Chinese Academy of Sciences	The quantum interference in electron recombination processes of highly charged ions/ Intense attosecond light source
15:05-15:30	Xiaojun Liu Innovation Academy for Precision Measurement Science and Technology,CAS	Extreme-ultraviolet (XUV) frequency comb and its applications
15:30-16:00	Break	
chair	Leong Chuan Kwek	
16:00-16:25	Shijie Xu Fudan University	Two-level quantum optics of the elementary excitations in few-layer WSe2 semiconductors
16:25-16:50	Peixiang Lu Huazhong University of Science and Technology	Strong-field ultrafast optics -- Attosecond Control and Measurement
16:50-17:05	Rainer Dumke Nanyang Technological University	Atomic Quantum Sensing: Portable Gravimetry and Accelerometry
17:05-17:20	Zhe Yuan Fudan University	Magnetic damping in low-dimensional system: Quantum oscillation and symmetry constraint
17:20-17:35	Xiang Gao Institute of Applied Physics and Computational Mathematics	The quantum interference in electron recombination processes of highly charged ions

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Date: October 23

chair	Zengxiu Zhao	
14:00-14:25	Blair Blakie University of Otago	The Emergence of Supersolidity in Dipolar Quantum Gases
14:25-14:50	Ye Tian Shanghai Institute of Optics and Fine Mechanics	Ultrafast Control of Polar Crystals using Terahertz Radiation
14:50-15:05	Yap Seong Shan Xiamen University Malaysia	Effects of laser beam size in ultrafast laser filamentation of ethanol
15:05-15:30	Jianing Chen Institute of Physics,CAS	Manipulate Transient Hyperbolic Plasmons in Semiconductors
15:30-16:00	Break	
chair	Ye Tian	
16:00-16:25	Sadiq Rangwala Raman Research Institute	Imaging and studying the dynamics of octupolar structural transitions in trapped-ion clusters
16:25-16:50	Zengxiu Zhao National University of Defense Technology	Coherent emission and attosecond absorption of molecules driven by strong laser fields
16:50-17:05	Haizhong Guo Zhengzhou University	Optical property of halide double perovskites tuned by external fields
17:05-17:20	Raymond Ooi University of Malaya	High Performance Quantum Optical Memory for Long-Distance Quantum Communication
17:20-17:35	Erjia Guo Institute of Physics,CAS	TBA
17:35-17:50	Chun Chen Shanghai Jiao Tong University	Many-body localization in a disordered Bose-Hubbard model: Entanglement dynamics and particle statistics

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Date: October 24

chair	Ya Cheng	
9:00-9:25	Dong Wu Shanghai Jiao Tong University	Multi-scale, multi-component, and multi-physics kinetic modeling of high-energy-density laser fusion
9:25-9:40	Taro Sekikawa Hokkaido University	New Insight into chemical reaction dynamics using high harmonic pulses in photoelectron spectroscopy
9:40-9:55	Weitao Liu Fudan University	Nonlinear Optical Studies on Low-Dimensional and Interface Systems
9:55-10:20	Xiulai Xu Peking University	Strong coupling between few/single excitons and plasmonic nanocavity