Plenary Sessions

2026.1.27				
Time	**Speaker**	**Affiliation**	**Title**	**Type**
9:00-9:15	**Opening Ceremony Meeting Room 1**			
Chair: Kuijuan Jin 金奎娟 Institute of Physics, CAS 中国科学院物理研究所				
9:15-9:45	Jianwei Wang 王剑威	Peking University 北京大学	Integration and Scaling of Quantum Photonic Circuits	Plenary talk
9:45-10:15	Wentao Wang 王文涛	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	Laser driven electron accelerators and radiation sources at SIOM	Plenary talk
10:15-10:30	Coffee Break			
Chair: Andrius Baltuška Vienna University of Technology 维也纳技术大学				
10:30-11:00	Yu-Ao Chen 陈宇翱	University of Science and Technology of China 中国科学技术大学	Quantum Manipulation of ultra-cold atoms	Plenary talk
11:00-11:30	Peng Zhou 周鹏	Fudan University 复旦大学	Electronic Devices and System Integration in the Post-Moore Era	Plenary talk
11:30-12:00	Lingjie Du 杜灵杰	Nanjing University 南京大学	Observation of emergent gravitons with chirality in quantum liquids	Plenary talk
12:00-13:30	Lunch			

2026.1.27

Plenary Talks (Ultrafast Science) Meeting Room 1

Chair: Guoxuan Dong 董国轩
Beijing Normal University 北京师范大学

Time	Speaker	Affiliation	Title	Type
13:30-13:50	Yutong Li 李玉同	Institute of Physics, CAS 中国科学院物理研究所	Generation and applications of strong terahertz radiation driven by high-intensity laser pulses	Plenary talk
13:50-14:10	Zhengming Sheng 盛政明	Shanghai Jiao Tong University 上海交通大学	High-field terahertz pulses with tunable spectra and structures from relativistic laser plasma	Plenary talk
14:10-14:30	Zengxiu Zhao 赵增秀	National University of Defense Technology 国防科技大学	Quantum coherence and emission of ions in strong laser fields	Plenary talk
14:30-14:50	Huailiang Xu 徐淮良	Xidian University / Jilin University 西安电子科技大学 / 吉林大学	Laser ignition of fuels by femtosecond pulses	Plenary talk
14:50-15:10	Zhiyi Wei 魏志义	Institute of Physics, CAS 中国科学院物理研究所	HHG toward soft X-ray attosecond pulse and XUV frequency comb	Plenary talk
15:10-15:30	Yongkang Dong 董永康	Harbin Institute of Technology 哈尔滨工业大学	High-performance distributed optical fiber sensor	Plenary talk
15:30-15:50	Coffee Break			

Chair: Liantuan Xiao 肖连团
Taiyuan University of Technology 太原理工大学
Jianlin Zhao 赵建林
Northwestern Polytechnical University 西北工业大学

15:50-16:10	Andrius Baltuška	Vienna University of Technology 维也纳技术大学	Field-shaped THz pulses for high-resolution absorption spectroscopy	Plenary talk
16:10-16:30	Jian Wu 吴健	East China Normal University 华东师范大学	Light-induced ultrafast dynamics of cold molecules	Plenary talk
16:30-16:50	Shih-Chi Chen 陈世祈	The Chinese University of Hong Kong 香港中文大学	Closed-loop two-photon lithography based on a single-cavity dual-comb laser	Plenary talk
16:50-17:10	Lilin Yi 义理林	Shanghai Jiao Tong University 上海交通大学	Intelligent single-shot full-field characterization over femtosecond pulses	Plenary talk
17:10-17:30	Peng Peng 彭鹏	ShanghaiTech University 上海科技大学	Line Shape Relations in Ultrafast Transient Absorption from a Coherent Superposition	Plenary talk
17:30-17:50	Meng Pang 庞盟	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	GHz-rate optoacoustic mode-locking of soliton fiber lasers: from highly-complex soliton structures to well-controlled pulse dynamics	Plenary talk
18:00	Dinner			

2026.1.28

Plenary Talks (Ultrafast Science) Meeting Room 1

Chair: Yunquan Liu 刘运全
Peking University 北京大学
Jing Chen 陈京
University of Science and Technology of China 中国科学技术大学

Time	Speaker	Affiliation	Title	Type
9:00-9:20	Xiaojun Liu 柳晓军	Innovation Academy for Precision Measurement Science and Technology, CAS 中国科学院精密测量科学与技术创新研究院	Extreme Ultraviolet Frequency Comb and Its Applications	Plenary talk
9:20-9:40	Karoly Osvay	ELI-ERIC	The Extreme Light Infrasturture - the ultrafast sources of radiations and particles	Plenary talk
9:40-10:00	Fei Xu 徐飞	Nanjing University 南京大学	Multi-Functional Integrated Fiber Devices: Fabrication and Applications	Plenary talk
10:00-10:20	Junsong Peng 彭俊松	East China Normal University 华东师范大学	Nonlinear dynamics of mode-locked breathing soliton lasers and their intelligent control	Plenary talk
10:20-10:40	Coffee Break			

Chair: Shangqing Gong 龚尚庆
East China University of Science and Technology 华东理工大学
Yufang Liu 刘玉芳
Henan Normal University 河南师范大学

10:40-11:00	Xueming Liu 刘雪明	Southeast University 东南大学	Dynamic of ultrafast lasers and Intelligent control	Plenary talk
11:00-11:20	Jing Chen 陈京	University of Science and Technology of China 中国科学技术大学	Intensity-dependent Interferences in Strong-Field Rydberg-State Excitation	Plenary talk
11:20-11:40	Sizuo Luo 罗嗣佐	Jilin University 吉林大学	Probing atomic ionization dynamics by ultrafast photoelectron interferometry	Plenary talk
11:40-12:00	Konstantin Dorfman	Hainan University 海南大学	Ultrafast spectroscopy with quantum light	Plenary talk
12:00-13:30	Lunch			

2026.1.28				
Plenary Talks (Ultrafast Science) Meeting Room 3				
Chair: Jie He 何杰 National Natural Science Foundation of China 国家自然科学基金委员会 Chao Chang 常超 Peking University 北京大学				
10:40-11:00	Pu Wang 王璞	Beijing University of Technology 北京工业大学	Hollow-Core Anti-Resonant Fiber: from high-Power Laser Delivery to Mid-Infrared Laser Generation	Plenary talk
11:00-11:20	Kaiyou Wang 王开友	Institute of Semiconductors, CAS 中国科学院半导体研究所	Ultrafast light-spin interaction in 2D magnetic semiconductor metasurface and heterostructure	Plenary talk
11:20-11:40	Ming Yan 闫明	East China Normal University 华东师范大学	Broadband optical comb spectroscopy and imaging	Plenary talk
11:40-12:00	Ye Tian 田野	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	Optical-Phase-Driven Electron Dynamics with Intense Terahertz Waveforms	Plenary talk
12:00-13:30	Lunch			

2026.1.27

Plenary Talks (Quantum Sensing) Meeting Room 2

Chair: Zhongwei Fan 樊仲维
University of Chinese Academy of Sciences 中国科学院大学
Hong Guo 郭弘
Peking University 北京大学

Time	Speaker	Affiliation	Title	Type
13:30-13:50	Wei Lu 陆卫	Shanghai Institute of Technical Physics, CAS 中国科学院上海技术物理研究所	Quantum Engineering of Non-Equilibrium Electron States in Infrared Photodetectors	Plenary talk
13:50-14:10	Chaoyang Lu 陆朝阳	University of Science and Technology of China 中国科学技术大学	Quantum computing with photons and atoms	Plenary talk
14:10-14:30	Yunfeng Xiao 肖云峰	Peking University 北京大学	Ultrahigh-Q microcavity optics and photonics	Plenary talk
14:30-14:50	Juan Yin 印娟	University of Science and Technology of China 中国科学技术大学	Research on Long-distance Quantum Interference and Its Applications	Plenary talk
14:50-15:10	Kelin Gao 高克林	Innovation Academy for Precision Measurement Science and Technology, CAS 中国科学院精密测量科学与技术创新研究院	Progress on $^{40}Ca^{+}$ optical clock	Plenary talk
15:10-15:30	Guilu Long 龙桂鲁	Tsinghua University 清华大学	Protecting Commanders from Precision Targeted Strikes via Quantum Secure Direct Communication	Plenary talk
15:30-15:50	Coffee Break			

Chair: Shougang Zhang 张首刚
National Time Service Center CAS 中国科学院国家授时中心
Yunfeng Xiao 肖云峰
Peking University 北京大学

15:50-16:10	Hong Guo 郭弘	Peking University 北京大学	Quantum Sensing and Perception	Plenary talk
16:10-16:30	Lijian Zhang 张利剑	Nanjing University 南京大学	Towards quantum-enhanced sensing with multi-parameter estimation	Plenary talk
16:30-16:50	Qihua Xiong 熊启华	Tsinghua University 清华大学	Manipulating Exciton Polariton Condensates and Their Ultrafast Dynamics	Plenary talk
16:50-17:10	Baosen Shi 史保森	University of Science and Technology of China 中国科学技术大学	Mid-infrared Signal Detection Based on a Spectrum Transducer	Plenary talk
17:10-17:30	Xiulai Xu 许秀来	Peking University 北京大学	Strong coupling with excitons and plasmonic nanocavities	Plenary talk
17:30-17:50	Haibin Wu 武海斌	East China Normal University 华东师范大学	Exploring Ultracold Fermions in a Cavity	Plenary talk
18:00	Dinner			

2026.1.28

Plenary Talks (Quantum Sensing) Meeting Room 2

Chair: Qing Pan 潘庆
National Natural Science Foundation of China 国家自然科学基金委员会

Time	Speaker	Affiliation	Title	Type
9:00-9:20	Tao Li 李涛	Nanjing University 南京大学	Anomalous topological phenomena in topological waveguides array	Plenary talk
9:20-9:40	Feihu Xu 徐飞虎	University of Science and Technology of China 中国科学技术大学	Quantum Imaging Science and Technology	Plenary talk
9:40-10:00	Jun Zhang 张俊	Institute of Semiconductors, CAS 中国科学院半导体研究所	Optical properties of color centers in diamonds	Plenary talk
10:00-10:20	Qiongyi He 何琼毅	Peking University 北京大学	Non-Gaussian and high-dimension entanglement test and application in quantum metrology	Plenary talk
10:20-10:40	Coffee Break			
Chair: Zhiliang Yuan 袁之良 Beijing Academy of Quantum Information Sciences 北京量子信息科学研究院 Tao Li 李涛 Nanjing University 南京大学				
10:40-11:00	Yaohui Zheng 郑耀辉	Shanxi University 山西大学	Generation and Application of Squeezed Laser Sources	Plenary talk
11:00-11:20	Jietai Jing 荆杰泰	East China Normal University 华东师范大学	Generation, Detection and Application of Quantum Light Sources Based on Atomic Ensembles	Plenary talk
11:20-11:40	Linjie Zhang 张临杰	Shanxi University 山西大学	Sagnac-Enhanced Rydberg Superheterodyne Receiver based on velocity-selective atoms	Plenary talk
12:00-13:30	Lunch			

2026.1.27

Plenary Talks (Infrared/THz/Bio Photonics) Meeting Room 3

Chair: Xiangjun Xin 忻向军
Beijing Institute of Technology 北京理工大学
Zhichuan Niu 牛智川
Institute of Semiconductors, CAS 中国科学院半导体研究所

Time	Speaker	Affiliation	Title	Type
13:30-13:50	Qiang Zhao 赵强	Nanjing University of Posts and Telecommunications / Nanjing University of Information Science & Technology 南京邮电大学 / 南京信息工程大学	Flexible Intelligent Sensing Materials, Devices and Systems	Plenary talk
13:50-14:10	Xiaoping Zheng 郑小平	Tsinghua University 清华大学	Real-Time Integrated Terahertz Spectral Microscopy and Super-Resolution Imaging for Online Detection and Inversion of Trace Hazardous Targets	Plenary talk
14:10-14:30	Weida Hu 胡伟达	Shanghai Institute of Technical Physics, CAS 中国科学院上海技术物理研究所	Next-Generation Neuromorphic Infrared Photodetectors	Plenary talk
14:30-14:50	Jianlu Wang 王建禄	Fudan University 复旦大学	Research progress on novel photodetector chips	Plenary talk
14:50-15:10	Jian Chen 陈健	Nanjing University 南京大学	Superconducting quantum capacitance detectors with increased saturation power at 1.6 THz	Plenary talk
15:10-15:30	Tian Jiang 江天	National University of Defense Technology 国防科技大学	Optical Frequency Comb Links and Electromagnetic Sensing Applications	Plenary talk
15:30-15:50	Coffee Break			

Chair: Wei Ren 任伟
The Chinese University of Hong Kong 香港中文大学
Jian Chen 陈健
Nanjing University 南京大学

15:50-16:10	Junle Qu 屈军乐	Shenzhen University 深圳大学	Advancing Point Scanning Super-Resolution: From STED Optimization to Depletion-Free FSTM & FIRED	Plenary talk
16:10-16:30	Yaxin Zhang 张雅鑫	University of Electronic Science and Technology of China 电子科技大学	Terahertz ISAC Technology Based on Reconfigurable Intelligent Surfaces	Plenary talk
16:30-16:50	Hua Li 黎华	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	Terahertz chaos generation in quantum cascade lasers	Plenary talk
16:50-17:10	Hui Yan 颜辉	South China Normal University 华南师范大学	Terahertz imaging based on Rydberg atoms	Plenary talk
17:10-17:30	Kai Zhang 张凯	Suzhou Institute of Nano-Tech and Nano-Bionics, CAS 中国科学院苏州纳米技术与纳米仿生研究所	Narrow-gap 2D Semiconductors for Infrared and Terahertz Optoelectronics	Plenary talk
17:30-17:50	Dong Sun 孙栋	Peking University / Zhengzhou University 北京大学 / 郑州大学	Direct Light Orbital Angular Momentum Detection in Mid-infrared based on Semimetallic Materials	Plenary talk
18:00	Dinner			

2026.1.28

Plenary Talks(Infrared/THz/Bio Photonics) Meeting Room 3

Chair: Feng Chen 陈峰
Shandong University 山东大学
Pu Wang 王璞
Beijing University of Technology 北京工业大学

Time	Speaker	Affiliation	Title	Type
9:00-9:20	Chao Chang 常超	Peking University 北京大学	Physics of Terahertz Radiation	Plenary talk
9:20-9:40	Qun Hao 郝群	Changchun University of Science and Technology 长春理工大学	Quantum-dot broadband infrared imagers technology	Plenary talk
9:40-10:00	Juncheng Cao 曹俊诚	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	Terahertz semiconductor quantum cascade lasers and applications	Plenary talk
10:00-10:20	Hai Lu 陆海	Nanjing University 南京大学	SiC-Based Single-Photon and Single-Electron Detector for New-Generation Electron Microscopy	Plenary talk
10:20-10:40	Coffee Break			

2026.1.27

Plenary Talks （Optical Field Manipulation & Intelligent Photonics） Meeting Room 4

Chair: Yihua Hu 胡以华
National University of Defense Technology 国防科技大学
Tiancai Zhang 张天才
Shanxi University 山西大学

Time	Speaker	Affiliation	Title	Type
13:30-13:50	Zhigang Chen 陈志刚	Nankai University 南开大学	Structured Light and Topological Manipulation	Plenary talk
13:50-14:10	Xiangdong Zhang 张向东	Beijing Institute of Technology 北京理工大学	Non-Abelian topological bound states in the continuum (BICs) and moiré BICs	Plenary talk
14:10-14:30	Jianpu Wang 王建浦	Nantong University 南通大学	Perovskite light-emitting diodes	Plenary talk
14:30-14:50	Li Pei 裴丽	Beijing Jiaotong University 北京交通大学	Silicon-Photonic Integrated Sensing and Processing for Optical Networks	Plenary talk
14:50-15:10	Yan Li 李焱	Peking University 北京大学	On-Chip 3D Devices for Phase Controlling and OAM Mode Protection	Plenary talk
15:10-15:30	Qinghai Song 宋清海	Harbin Institute of Technology 哈尔滨工业大学	Metalasers with arbitrary wave front	Plenary talk
15:30-15:50	Coffee Break			

Chair: Yuncai Wang 王云才
Guangdong University of Technology 广东工业大学
Zhigang Chen 陈志刚
Nankai University 南开大学

15:50-16:10	Yihua Hu 胡以华	National University of Defense Technology 国防科技大学	Intelligent Imaging Laser-Induced Breakdown Spectroscopy (I'LIBS)	Plenary talk
16:10-16:30	Limin Tong 童利民	Zhejiang University 浙江大学	Atomic scale light confinement: from deep-sub-wavelength to deep-sub-cycle	Plenary talk
16:30-16:50	Tiancai Zhang 张天才	Shanxi University 山西大学	Manipulation of neutral atomarray and observation of super-radiance	Plenary talk
16:50-17:10	Akimov Aleksey	Russian Quantum Center	Sensing with color centers in diamond	Plenary talk
17:10-17:30	Hui Liu 刘辉	Nanjing University 南京大学	High-dimensional Topological Photonics in Synthetic Parameter Space	Plenary talk
17:30-17:50	Xinbin Cheng 程鑫彬	Tongji University 同济大学	Neural Array Meta-Imaging	Plenary talk
18:00	Dinner			

2026.1.28

Plenary Talks（Optical Field Manipulation & Intelligent Photonics） Meeting Room 4

Chair: Limin Tong 童利民
Zhejiang University 浙江大学
Lilin Yi 义理林
Shanghai Jiao Tong University 上海交通大学

Time	Speaker	Affiliation	Title	Type
9:00-9:20	Jianji Dong 董建绩	Huazhong University of Science and Technology 华中科技大学	Nonlinear optical neural network and its application	Plenary talk
9:20-9:40	Kun Huang 黄坤	East China Normal University 华东师范大学	Mid-infrared upconversion multi-dimensional imaging	Plenary talk
9:40-10:00	Chao Zuo 左超	Nanjing University of Science and Technology 南京理工大学	Computational phase imaging for label-free 3D microscopy：noninterferometic phase retrieval and intensity diffraction tomography	Plenary talk
10:00-10:20	Xiaosong Ma 马小松	Nanjing University 南京大学	Quantum memory at telecom wavelength using erbium-ion ensembles	Plenary talk
10:20-10:40	Coffee Break			

Chair: Shih-Chi Chen 陈世祈
The Chinese University of Hong Kong 香港中文大学
Wenhao Li 李文昊
Changchun Institute of Optics, Fine Mechanics and Physics, CAS 中科院长春光机所

10:40-11:00	Shumin Xiao 肖淑敏	Harbin Institute of Technology (Shenzhen) 哈尔滨工业大学（深圳）	High-performance all-dielectric metasurfaces and their applications	Plenary talk
11:00-11:20	Dangyuan Lei 雷党愿	City University of Hong Kong 香港城市大学	Quantum Tunneling Induced Nonlinear Optics in Plasmonic Nanocavities	Plenary talk
11:20-11:40	Xiaolong Su 苏晓龙	Shanxi University 山西大学	Continuous-variable entanglement resource chip	Plenary talk
11:40-12:00	E Wu 武愕	East China Normal University 华东师范大学	Mid-infrared single-photon upconversion spectroscopy based on temporal-spectral quantum correlation	Plenary talk
12:00-13:30	Lunch			

2026.1.29

Session 1: Ultrafast Strong-Field Laser Science and Technology / 专题 1：超快强场激光科学与技术 Meeting Room 6

Time	Speaker	Affiliation	Title	Type
Chair:Zhaoyang Li 李朝阳 Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所				
9:00-9:20	Liangyou Peng 彭良友	Peking University 北京大学	High-order harmonic generation in solids	Keynote
9:20-9:40	Pengfei Lan 兰鹏飞	Huazhong University of Science and Technology 华中科技大学	Imaging Molecular Bond Dissociation with High-Harmonic Spectroscopy	Keynote
9:40-9:55	Dmitry Sidorov-Biryukov	M. V. Lomonosov Moscow State University 莫斯科大学	Controlling Electron Dynamics in Above-Threshold Ionization Using Single-Cycle Terahertz Pulses	Invited
9:55-10:10	Elizaveta Gangrskaia	Vienna University of Technology 维也纳技术大学	Strong optical magnetic pulse spectroscopy using structured light and nanoscale sample morphology	Invited
10:10-10:25	Jicai Liu 刘纪彩	North China Electric Power University 华北电力大学	Timing ultrafast charge transfer by Resonant Auger Scattering	Invited
10:25-10:40	Yiming Pan 潘义明	ShanghaiTech University 上海科技大学	Time Reflection and Quantum Light Generation From Relativistic Plasma Mirrors	Invited
10:40-10:50	Coffee Break			
Chair: Liangyou Peng 彭良友 Peking University 北京大学				
10:50-11:05	Yuxin Leng, Zhiyuan Huang 冷雨欣、黄志远	University of Chinese Academy of Sciences 中国科学院大学	Research on ultrafast ultraviolet pulse generation, measurement, and applications based on hollow-core fibers	Keynote
11:05-11:20	Zhaoyang Li 李朝阳	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中国科学院上海光学精密机械研究所	Beyond 100 Petawatt Laser and Related Technology Developments	Invited
11:20-11:35	Ya Bai 白亚	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中国科学院上海光学精密机械研究所	Dynamical chiral high-harmonic generation via subcycle symmetry engineering	Invited
11:35-11:50	Liwei Song 宋立伟	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中国科学院上海光学精密机械研究所	Nonlinear Photonics in the Terahertz Regime	Invited
11:50-12:05	Xiaofeng Li 李晓锋	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中科院上海光学精密机械研究所	Generation of polarized electron beams through self-injection mechanism in the bubble regime of laser-wakefield acceleration	Invited
12:05-12:15	Zishuo Ren 任梓槊	Peking University 北京大学	Fiber optical time and frequency transfer based on optical frequency comb	Invited
12:15-12:25	Yifei Fang 方依霏	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中国科学院上海光学精密机械研究所	Coherent SHG Modulation via THz-Driven Phonon-Polaritons in ZnO	Oral
12:25-12:35	Zheng Lu 鲁政	Tianjin University 天津大学	Measurement of Flow Velocity at Low Pressure Based on Femtosecond Laser-Guided Discharge	Oral
12:35-12:45	Huihui Wang 王慧慧	Shanxi University 山西大学	Pursuing long lived charge migration in molecules	Oral
12:45-13:30	Lunch			

2026.1.28

Session 2: Ultrafast Laser Technology and Devices / 专题 2：超快激光技术与器件 Meeting Room 1

Time	Speaker	Affiliation	Title	Type
Chair: Chengbo Mou 牟成博 Shanghai University 上海大学				
13:00-13:15	Xiaoming Duan 段小明	Harbin Institute of Technology 哈尔滨工业大学	Progress in high-energy middle infrared picosecond optical parametric oscillators and amplifiers	keynote
13:15-13:30	Weitao Liu 刘韡韬	Fudan University 复旦大学	Field-enhanced nonlinear optics of low-dimensional and interfacial systems	keynote
13:30-13:45	Jie Li 李捷	Aerospace Information Research Institute, CAS 中国科学院空天信息创新研究院	High efficiency Extreme-ultraviolet High Harmonic Laser and Applications	keynote
13:45-14:00	Zhichao Luo 罗智超	South China Normal University 华南师范大学	920 nm High-Energy Pulse Nd-doped Fiber Laser	keynote
14:00-14:15	Zhengqian Luo 罗正钱	Xiamen University 厦门大学	Direct generation of visible-wavelength passively mode-locked fiber lasers	keynote
14:15-14:30	Xuezong Yang 杨学宗	Hangzhou Institute for Advanced Study, University of CAS 国科大杭州高等研究院	Recent progress on high-repetition-rate pulsed diamond Raman lasers	Invited
14:30-14:45	Daping Luo 罗大平	East China Normal University 华东师范大学	Integrated Dual-comb spectrometer and its applicaitions	Invited
14:45-15:00	Song Yang 杨松	Institute of Semiconductors, CAS 中国科学院半导体研究所	All-fiber Femtosecond Mamyshev Oscillator	Invited
15:00-15:15	Xiaobo Li 李校博	Tianjin University 天津大学	LiDAR Technologies for High-Precision and Multi-Dimensional Ocean Sensing	Invited
15:15-15:30	Zhiwen He 贺志文	National University of Defense Technology 国防科技大学	Transition dynamics of pulses in mode-locked fiber laser	Invited
15:30-15:45	Coffee Break			
Chair: Zhichao Luo 罗智超 South China Normal University 华南师范大学				
15:45-16:00	Fang Bo 薄方	Nankai University 南开大学	Efficient second harmonic generation in thin film lithium niobate microresonators	keynote
16:00-16:15	Wenkai Zhang 张文凯	Beijing Normal University 北京师范大学	Femtosecond optics and X-ray lasers and its application in ultrafast dynamics research	keynote
16:15-16:30	Chengbo Mou 牟成博	Shanghai University 上海大学	Principles and applications of Carbon Nanotube Mode-locked Erbium Doped Fiber Laser	keynote
16:30-16:45	Anbang Wang 王安帮	Guangdong University of Technology 广东工业大学	Multi-channel laser chaos generation and applications	keynote
16:45-17:00	Chunyu Guo 郭春雨	Shenzhen University 深圳大学	High Power Mid Infrared Fiber Lasers and the Applications	keynote

17:00-17:15	Weidong Chen 陈玮冬	Fujian Institute of Research on the Structure of Matter, CAS 中国科学院福建物质结构研究所	Watt-level few-optical-cycle Kerr-lens mode-locked solid-state Yb laser	Invited
17:15-17:30	Jintao Fan 范锦涛	Tianjin University 天津大学	Spatial temporal manipulation during nonlinear frequency process	Invited
17:30-17:45	Di Lin 林迪	Guangdong University of Technology 广东工业大学	Recent advances in high-energy ultrafast mode-locked fiber oscillators	Invited
17:45-18:00	Qian Li 李倩	Peking University 北京大学	Advanced All-Polarization-Maintaining Fiber Lasers and Their Applications in On-Chip Nonlinear Photonics for Sensing and OCT	Invited
18:00	Dinner			

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Session 2: Ultrafast Laser Technology and Devices / 专题 2：超快激光技术与器件 Meeting Room 1				
Time	**Speaker**	**Affiliation**	**Title**	**Type**
Chair: Daping Luo 罗大平 East China Normal University 华东师范大学				
9:00-9:15	Hongbo Jiang 江鸿博	Harbin Engineering University 哈尔滨工程大学	States evolution induced by variation of intracavity modulation depth inultrafast fiber lasers	Invited
9:15-9:30	Sujuan Sun 孙素娟	Shandong Huaguang Opto-electronics Co., Ltd. 山东华光光电子股份有限公司	High-Power Semiconductor Array Lasers and Related Technologies	Invited
9:30-9:40	Ziting Liu 刘姿廷	Jilin University 吉林大学	High-Stability Geometric Phase Fork Gratings for Vortex Generation and Manipulation	Oral
9:40-9:50	Xin Zhang 张欣	Jilin University 吉林大学	Femtosecond laser parallel processing enables high-speed five-dimensional optical storage and fabrication of micro-nano photonic devices	Oral
9:50-10:00	Lu Jiang 姜璐	Institute of Semiconductors, CAS 中国科学院半导体研究所	CW laser-assisted splitting of SiC wafer based on modified layer by picosecond laser	Oral
10:00-10:10	Ziyi Pu 蒲子怡	Institute of Semiconductors, CAS 中国科学院半导体研究所	Dynamic Evolution of Nyquist-pulse solitons from a mode-locked fiber oscillator	Oral
10:40-11:00	Coffee Break			

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Session 3 : Fiber Lasers and Intelligent Control/ 专题 3：光纤激光与智能控制 Meeting Room 2

Time	Speaker	Affiliation	Title	Type
Chair: Wenjun Liu 刘文军 Beijing University of Posts and Telecommunications 北京邮电大学				
13:30-13:50	Luming Zhao 赵鹭明	Huazhong University of Science and Technology 华中科技大学	Nonlinear Fourier Transform and Its Extended Applications	Keynote
13:50-14:10	Guoping Dong 董国平	South China University of Technology 华南理工大学	Hybrid Glass Fiber and Devices	Keynote
14:10-14:25	Wenbin He 何文彬	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	All-Optical mHz Stabilization and Tuning of a GHz Soliton Laser using Optoacoustic Injection Locking	Invited
14:25-14:40	Jian Wu 吴坚	National University of Defense Technology 国防科技大学	Active control and real-time measurement of fiber ultrafast laser states	Invited
14:40-14:55	Yiyang Luo 罗亦杨	Chongqing University 重庆大学	Ultrafast controllable laser pulse bunches and the sensing applications	Invited
14:55-15:10	Sha Wang 汪莎	Sichuan University 四川大学	Exploration of optical speckle applications	Invited
15:10-15:25	Jiaqi Zhou 周佳琦	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	Free-running dual-comb spectroscopy by Raman gain modulation	Invited
15:25-15:40	Junqing Zhao 赵俊清	Shenzhen Technology University 深圳技术大学	High power, high efficiency, and high robustness mid-infrared optical parametric sources	Invited
15:40-16:00	Coffee Break			
Chair: Wenbin He 何文彬 Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所				
16:00-16:20	Xuewen Shu 舒学文	Huazhong University of Science and Technology 华中科技大学	Dark Solitons in Fiber Lasers: Novel Generation Mechanisms and Diverse Pulse Dynamics	Keynote
16:20-16:40	Dong Mao 毛东	Northwestern Polytechnical University 西北工业大学	Multidimensional Modulation of Ultrafast Fiber Lasers	Keynote
16:40-16:55	Wenjun Liu 刘文军	Beijing University of Posts and Telecommunications 北京邮电大学	"AI+Physics" achieves spectral prediction in fiber lasers	Invited
16:55-17:10	Jiangming Xu 许将明	National University of Defense Technology 国防科技大学	Spectral flexible high power random fiber laser	Invited
17:10-17:25	Can Li 李灿	National University of Defense Technology 国防科技大学	Gain managed nonlinear amplification technology of ultrafast fiber laser	Invited
17:25-17:40	Fanchao Meng 孟凡超	Jilin University 吉林大学	Real-time measurements and machine learning optimizations of intracavity dynamics in ultrabroadband fiber lasers	Invited
17:40-17:55	K. Tamilselvan	Shenzhen University 深圳大学	Vector dissipative soliton dynamics in the Mamyshev oscillators	Invited
18:15	Dinner			

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Session 3: Fiber Lasers and Intelligent Control / 专题 3：光纤激光与智能控制 Meeting Room 2

Time	Speaker	Affiliation	Title	Type
Chair: Guoping Dong 董国平 South China University of Technology 华南理工大学				
9:00-9:20	Jianxiang Wen 文建湘	Shanghai University 上海大学	High-order OAM Broadband light Source in an All-Fiber System	Keynote
9:20-9:40	Xiaosheng Xiao 肖晓晟	Beijing University of Posts and Telecommunications 北京邮电大学	Real-time observation of spatiotemporal nonlinear dynamics in multimode fiber lasers	Keynote
9:40-9:55	Shilong Liu 刘世隆	Université de Montréal 蒙特利尔大学	Nonlinear pulse shaper for spectro-temporal light engineering	Invited
9:55-10:10	Xingliang Li 李星亮	Hebei Normal University 河北师范大学	Study on the Characteristics of Noise-like Pulse Fiber Lasers	Invited
10:10-10:25	Lei Gao 高磊	Chongqing University 重庆大学	Single-shot polarization measurement and control of laser pulse for ultrafast polarization imaging	Invited
10:25-10:40	Yi Zhou 周毅	National University of Defense Technology 国防科技大学	Unveiling the real-time soliton dynamics in spatiotemporal ultrafast fiber lasers via gain control	Invited
10:40-10:55	Zhiqiang Wang 王治强	Anhui University 安徽大学	Generation of High-Power Few-Cycle Pulses in the Near-Infrared Regime within Optical Fibers	Invited
10:55-11:00	Coffee Break			
Session 3: Fiber Lasers and Intelligent Control / 专题 3：光纤激光与智能控制				
Chair: Lei Gao 高磊 Chongqing University 重庆大学				
11:00-11:20	Wei Chen 陈伟	Shanghai University 上海大学	Specialty Optical Fiber Technologies for Ultrafast Lasers	Keynote
11:20-11:35	Defeng Zou 邹德峰	Shaanxi Normal University 陕西师范大学	Characterization and Control of Soliton Molecule Dynamics with Sub-Femtosecond Temporal Resolution	Invited
11:35-11:45	Yafei Wang 王亚飞	Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences 中国科学院上海光学精密机械研究所	Design and fabrication of highly Nd, Yb and Er doped silica fibers and their applications in HRR fiber lasers	Invited
12:00-13:30	Lunch			

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Session 4: Ultrafast Laser Intelligent Manufacturing / 专题 4：超快激光智能制造 Meeting Room 4

Time	Speaker	Affiliation	Title	Type
Chair: Liping Shi 石理平 Xidian University 西安电子科技大学 Ke Sun 孙轲 Wenzhou University 温州大学				
13:00-13:15	Dezhi Tan 谭德志	Zhejiang University 浙江大学	Ultrafast laser-induced modulation of structures and photonic functionalities in glass	Keynote
13:15-13:30	Linhan Lin 林琳涵	Tsinghua University 清华大学	Laser nanoprinting of nanocrystals: from 3D printing to single emitter integration	Keynote
13:30-13:45	Yang Tan 谭杨	Shandong University 山东大学	Whispering-Gallery-Mode Lasers Based on Re:YAG Thin-Film Microcavity	Keynote
13:45-14:00	Dongdong Han 韩冬冬	Jilin University 吉林大学	Laser Fabrication of Actuators and Their Applications	Invited
14:00-14:15	Dongshi Zhang 张东石	Shanghai Jiao Tong University 上海交通大学	Femtosecond laser microfabrication of synthesized functional nanomaterials	Invited
14:15-14:30	Yunlu Sun 孙允陆	Fudan University 复旦大学	Ultrafast Laser Micro/nano-Fabrication & Bio-X Photonic Applications Thereof	Invited
14:30-14:45	Lei Wang 王雷	Qingdao University of Science and Technology 青岛科技大学	The excitation state dynamics principle of femtosecond laser-induced modification of transparent media and the research on optical waveguide devices	Invited
14:45-15:00	Zhenze Li 李臻赜	Jilin University 吉林大学	Fabrication of metasurface nano-optical elements based on the principle of optical far-field induced near-field damage	Invited
15:00-15:15	Shupeng Xu 许书鹏	East China Normal University 华东师范大学	Femtosecond Laser Multidimensional Plasma Grating Engineering and Advanced Manufacturing	Invited
15:15-15:30	Daishu Qian 钱代数	Guangdong Origin Laser Intelligent Technology Co., Ltd. 广东原点智能技术有限公司	Applications of numerical-controlled laser machine tools in 3D complex surface processing	Invited
15:30-15:50	Coffee Break			
Chair: Dongshi Zhang 张东石 Shanghai Jiao Tong University 上海交通大学 Yunlu Sun 孙允陆 Fudan University 复旦大学				
15:50-16:05	Qiang Wu 吴强	Nankai University 南开大学	Nonequilibrium Hyperdoping by Femtosecond Laser	Keynote
16:05-16:20	Yingchun Guan 管迎春	Beihang University 北京航空航天大学	mechanical performance of LPBF IN718 alloy induced by laser polishing	Keynote
16:20-16:35	Xueqing Liu 刘学青	Jilin University 吉林大学	Laser micro/nano fabrication and applications in selective spectral control	Keynote
16:35-16:50	Lisha Fan 范丽莎	Zhejiang University of Technology 浙江工业大学	Faceting control and sensing applications of ultrafast laser-induced nanoscale stripes	Invited
16:50-17:05	Liping Shi 石理平	Xidian University 西安电子科技大学	Burst-Mode Femtosecond Laser Coloring on Pure Titanium Products	Invited

17:05-17:20	Bing Han 韩冰	Shanghai Jiao Tong University 上海交通大学	Ultrafast laser fabrication of multifunctional medical micro-robots	Invited
17:20-17:35	Shiru Jiang 蒋士茹	Qingdao University of Science and Technology / East China Normal University 青岛科技大学 / 华东师范大学	High-resolution, high-speed, chromotropic color printing based on crystallization-dependent 100-nm gold periodic structures	Invited
17:35-17:50	Yu Zhou 周榆	Shanghai Jiao Tong University 上海交通大学	Femtosecond Laser-Induced Thermal Stress Wave-Driven Transfer: From Mechanism to Application	Invited
17:50-18:00	Wei Gong 龚伟	Jilin University 吉林大学	Mie-lithography: self-guiding nonlinear laser printing for deep ultraviolet to near-infrared nanophotonics	Oral
18:00-18:10	Hao Yuan 袁昊	Jilin University 吉林大学	High-capacity optical data storage by ultraviolet femtosecond laser writing in silica glass	Oral
18:10	Dinner			

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Session 5: Optical Frequency Combs and Their Applications / 专题 5：光学频率梳及应用 Meeting Room 5

Time	Speaker	Affiliation	Title	Type
Chair: Lei Dong 董磊 Shanxi University 山西大学				
13:30-13:45	Zhenda Xie 谢臻达	Nanjing University 南京大学	Low-noise photonic microwave generation	Keynote
13:45-14:00	Xinlun Cai 蔡鑫伦	Sun Yat-sen University 中山大学	Highly tunable flat-top thin-film lithium niobate electro-optic frequency comb	Invited
14:00-14:15	Jianqi Hu 胡剑琦	The University of Hong Kong 香港大学	Towards integrated self-referenced optical frequency combs	Invited
14:15-14:30	Qifan Yang 杨起帆	Peking University 北京大学	The second evolution of integrated optical frequency combs	Invited
14:30-14:45	Xing Zou 邹幸	National University of Defense Technology 国防科技大学	Broadband Optical Frequency Comb Generation in Nonlinear Optical Waveguides	Invited
14:45-15:00	Qitao Cao 曹启韬	Peking University 北京大学	Efficient cross-band frequency conversion in an optical microcavity	Invited
15:00-15:15	Lei Shi 施雷	Huazhong University of Science and Technology 华中科技大学	Generation and application of broadband flat-top lithium niobate electro-optic frequency comb	Invited
15:15-15:30	Mingming Nie 聂明明	University of Electronic Science and Technology of China 电子科技大学	Dissipative Quadratic Cavity Soliton Frequency Combs	Invited
15:30-15:50	Coffee Break			
Chair: Zhenda Xie 谢臻达 Nanjing University 南京大学				
15:50-16:05	Lei Dong 董磊	Shanxi University 山西大学	Resonant Optical Frequency Comb Photoacoustic/Photothermal Spectroscopy Based on High-Q Quartz Tuning Fork	Keynote
16:05-16:20	Ruifang Dong 董瑞芳	National Time Service Center, CAS 中国科学院国家授时中心	Quantum-Enabled Microwave Photonics: A Coherent Path from Single-Photon Detection to Nonlocal Optical Processing	Invited
16:20-16:35	Qiang Wang 王强	Hefei Institutes of Physical Science, CAS 合肥物质研究院	Broadband, High-Resolution Dual-Comb Spectroscopy for Gas Sensing	Invited
16:35-16:50	Kunpeng Jia 贾琨鹏	Nanjing University 南京大学	Low-noise terahertz frequency synthesis based on microcomb	Invited
16:50-17:05	Yicheng Wang 王奕程	Zhangjiang Laboratory 张江实验室	Watt-Class Sub-100-fs Kerr-Lens Mode-Locked Dual-Comb Laser at 2.13 μm	Invited
17:05-17:20	Xin Zhao 赵欣	Beihang University 北京航空航天大学	An Ultmost Simple Solution for Completely On-chip-Integrable Electro-optic Dual-comb Spectroscopy	Invited
17:20-17:35	Bowen Li 李博闻	University of Electronic Science and Technology of China 电子科技大学	High-energy single-cavity dual-comb fiber laser and its applications	Invited
17:35-17:50	Jie Chen 陈杰	Taiyuan University of Technology 太原理工大学	Single-cavity dual-comb/multi-comb generation and terahertz spectroscopy	Invited
17:50-18:05	Zejiang Deng 邓泽江	East China Normal University 华东师范大学	Triple-quantum dual-comb two-dimensional coherent spectroscopy resolves velocity-synchronized Dicke states in hot atomic vapors	Invited
18:05-18:20	Yuxuan Ma 马宇轩	Guangwei (Guangdong) Technology Co., Ltd. 光维（广东）科技有限公司	Hand-held-sized narrow linewidth femtosecond laser frequency comb and its nm-level precision absolute rangefinder instrument	Invited
18:20	Dinner			

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Session 6: Atomic and Molecular Precision Spectroscopy / 专题 6：原子分子精密光谱 Meeting Room 4

Time	Speaker	Affiliation	Title	Type
Chair: Kun Liu 刘锟 Hefei Institutes of Physical Science, CAS 中国科学院合肥物质科学研究院				
9:00-9:20	Qingyu Cai 蔡庆宇	Hainan University 海南大学	The trade-off between precision and accuracy in quantum metrology	Keynote
9:20-9:35	Hongfei Wang 王鸿飞	Westlake University 西湖大学	Recent Progresses on Ultrafast Nonlinear Spectroscopy with Synchronized Long Picosecond and Short Femtosecond Lasers	Invited
9:35-9:50	Bo Yan 颜波	Zhejiang University 浙江大学	Deep laser cooling and trapping of BaF molecules	Invited
9:50-10:05	Kjeld Beeks	Vienna University of Technology 维也纳技术大学	Building a Nuclear Clock by control of the solid-state environment	Invited
10:05-10:20	Linghai Xie 解令海	Nanjing University of Posts and Telecommunications 南京邮电大学	Organic Excitonic and Photonic Nano-Materials	Invited
10:20-10:35	Zhangkai Zhou 周张凯	Sun Yat-sen University 中山大学	The manipulation and enhancement of optical field based on metasurfaces	Invited
10:35-11:00	Coffee Break			
Chair: Chuantao Zheng 郑传涛 Jilin University 吉林大学				
11:00-11:15	Kun Liu 刘锟	Hefei Institutes of Physical Science, CAS 中国科学院合肥物质科学研究院	Cavity enhanced absorption spectroscopy for high precision measurement of greenhouse gases	Invited
11:15-11:30	Shuijing Tang 唐水晶	Peking University 北京大学	Microcavity-enhanced optical sensing, spectroscopy and imaging	Invited
11:30-11:45	Xingdong Zhao 赵兴东	Henan Normal University 河南师范大学	Quantum Multiparameter Estimation Based on the Unruh Effect	Invited
11:45-12:00	Jieci Wang 王接词	Hunan Normal University 湖南师范大学	Deep leaning for gravitational and quantum physics	Invited
12:00-12:15	Le Luo 罗乐	Sun Yat-sen University 中山大学	Quantum Information Processing Based on Metastable States of Trapped Ions	Invited
12:15-13:30	Lunch			
Chair: Daquan Yang 杨大全 Beijing University of Posts and Telecommunications 北京邮电大学				
13:30-13:50	Yanhong Xiao 肖艳红	Fudan University 复旦大学	Hybrid quantum squeezing of atoms and light	Keynote
13:50-14:05	Chuangang Ning 宁传刚	Tsinghua University 清华大学	Structures of atomic anions and laser cooling of a negativeion	Invited
14:05-14:20	Jie Yang 杨杰	Institute of Modern Physics, CAS 中国科学院近代物理研究所	Electronic structure of the transition metal monoxides	Invited
14:20-14:35	Dacheng Zhang 张大成	Xidian University 西安电子科技大学	Laser plasma emission and its applications	Invited

14:35-14:50	Ruyi Wei 魏儒义	Wuhan University 武汉大学	Progress in the Development of Infrared Hyperspectral Remote Sensing Technology and Instruments	Invited
14:50-15:05	Biao Zhong 钟标	Technical Institute of Physics and Chemistry, CAS 中国科学院理化技术研究所	Breaking the Cryogenic Barrier: Reaching Sub-120 K Temperatures in Yb:LLF Laser Cooling	Invited
15:05-15:20	Yuechun Jiao 焦月春	Shanxi University 山西大学	Microwave sensing based on Rydberg atoms	Invited
15:20-15:30	Xiaobin Zhou 周晓彬	Shanxi University 山西大学	Optical feedback noise-immune cavity-enhanced optical heterodyne molecular spectrometry	Oral
15:30-15:50	Coffee Break			
Chair: Jie Yang 杨杰 Institute of Modern Physics, CAS 中国科学院近代物理研究所				
15:50-16:05	Daquan Yang 杨大全	Beijing University of Posts and Telecommunications 北京邮电大学	Optical Microcavity Sensing and Precision Measurement	Invited
16:05-16:20	Chuantao Zheng 郑传涛	Jilin University 吉林大学	On-chip waveguide-enhanced photothermal spectroscopy for gas sensing	Invited
16:20-16:35	Shuai Shi 施帅	National University of Defense Technology 国防科技大学	High-fidelity photonic quantum logic gate based on near-optimal Rydberg single-photon source	Invited
16:35-16:50	Chuanliang Li 李传亮	Taiyuan University of Science and Technology 太原科技大学	The high resolution spectra of He2 radical and its predissociation in the near infrared region	Invited
16:50-17:05	Yanli Zhou 周艳丽	National University of Defense Technology 国防科技大学	Anomalous relaxation process in Markovian Open Quantum Systems	Invited
17:05-17:20	Gaoxuan Wang 王高旋	Zhejiang University 浙江大学	Development of a prism-based broadband optical cavity (400 – 1600 nm) for high-sensitivity cavity enhanced absorption spectroscopy	Invited
17:20-17:35	Ran Liu 刘然	Shanghai Ideaoptics Co., Ltd. 上海复享光学股份有限公司	Zero-Astigmatism Imaging Spectrograph for Precision Spectroscopy	Invited
17:35-17:45	Wanying Ding 丁婉莹	National University of Defense Technology 国防科技大学	Quantum Dots-Enhanced LIBS for Ultrasensitive Quantification of Trace Metals	Oral
17:45-17:55	Wencui Peng 彭文翠	Innovation Academy for Precision Measurement Science and Technology, CAS 中国科学院精密测量科学与技术创新研究院	In-situ Magnetic Field Probing Based on $^{9}Be^{+}$ Coulomb Crystals and High-Precision Measurement of Hyperfine Constants	Oral
18:00	Dinner			

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Session 7: Quantum Precision Measurement and Devices/ 专题 7：量子精密测量与器件 Meeting Room 9

Time	Speaker	Affiliation	Title	Type
Chair: Haizhi Song 宋海智 Southwest Institute of Technical Physics 西南技术物理研究所				
13:30-13:45	Guoyong Xiang 项国勇	University of Science and Technology of China 中国科学技术大学	Control-Enhanced Quantum Precision Measurement	Invited
13:45-14:00	Jieqiao Liao 廖洁桥	Hunan Normal University 湖南师范大学	Microscopic Theory of Heat Transfer across a Vacuum	Invited
14:00-14:15	Weitao Liu 刘伟涛	National University of Defense Technology 国防科技大学	Second-order coherence of random field and its application in imaging	Invited
14:15-14:30	Xiutao Lou 娄秀涛	Harbin Institute of Technology 哈尔滨工业大学	Spatially resolved spectroscopic gas sensing using tunable narrow-linewidth lasers	Invited
14:30-14:45	Yajun Wang 王雅君	Shanxi University 山西大学	Squeezed light and lasing	Invited
14:45-15:00	Liwei Lei 雷理玮	Peking University 北京大学	Sensitivity Limits of Quantum Magnetic Sensing	Invited
15:00-15:15	Shangran Xie 谢尚然	Beijing Institute of Technology 北京理工大学	Optical trapping and metrology in hollow-core optical fibers	Invited
15:15-15:30	Jiulin Shi 史久林	Nanchang Hangkong University 南昌航空大学	Research Progress in Dual-Modal Photoelastography Technology for Biological Tissues and Its Applications	Invited
15:30-15:50	Coffee Break			
Chair: Long Jin 金龙 South China Normal University 华南师范大学				
15:50-16:05	Yu Zhou 周宇	Harbin Institute of Technology, Shenzhen 哈尔滨工业大学（深圳）	Stress-induced spin in silicon carbide	Invited
16:05-16:20	Heyuan Guan 关贺元	Jinan University 暨南大学	Integrated Beam Modulation and Detection Devices Based on Metagratings	Invited
16:20-16:35	Jun He 何俊	Shenzhen University 深圳大学	Sapphire Fiber Bragg Gratings for High-Temperature Multi-Physics Fields Measurements	Invited
16:35-16:50	Ke Chen 陈珂	Jiangnan University 江南大学	Ultra-sensitive cantilever-enhanced fiber-optic photoacoustic gas sensing	Invited
16:50-17:05	Chao Wang 汪超	Shanghai Institute of Optics and Fine Mechanics, CAS 中国科学院上海光学精密机械研究所	Development of a High-Performance 1.9 μm Narrow-Linewidth Tunable External-Cavity Diode Laser Based on In-House GaSb Semiconductor Chip	Invited
17:05-17:20	Gang Zhao 赵刚	Shanxi University 山西大学	Single-shot Molecular Spectroscopy at Nanosecond Rates	Invited
17:20-17:35	Yu Sun 孙羽	Shenzhen Advanced Light Source Research Institute 深圳先进光源研究院	Precision Spectroscopy of Helium Atoms	Invited
17:35-17:50	Xiaojuan Yan 闫晓娟	Shanxi University 山西大学	High-Sensitivity Multi-Gas Detection via Optical Feedback Cavity-Enhanced Raman Spectroscopy	Invited
18:00	Dinner			

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Session 7: Quantum Precision Measurement and Devices/ 专题 7：量子精密测量与器件 Meeting Room 9

Time	Speaker	Affiliation	Title	Type
Chair: Bing Tu 涂兵 Nanjing University of Information Science and Technology 南京信息工程大学				
9:00-9:15	Long Jin 金龙	South China Normal University 华南师范大学	Fiber-Optic photoacoustic sensing and imaging for human microcirculation monitoring in free motion	Invited
9:15-9:30	Jia Kong 孔嘉	Hangzhou Dianzi University 杭州电子科技大学	Quantum Noise Suppression in Atomic Magnetometer	Invited
9:30-9:45	Jing Yu 郁菁	Shandong Normal University 山东师范大学	Design of "Particle-in-Cavity" Structure and Its Applications in SERS	Invited
9:45-10:00	Zhirong Zhang 张志荣	Hefei Institutes of Physical Science (CAS) 中国科学院合肥物质科学研究院	Research on Gas Sensing Technology Based on Hollow-core Optical Waveguide	Invited
10:00-10:15	Yiteng Lv 吕奕腾	Peking University 北京大学	Design of a Miniaturized Atomic Magnetometer for Biomagnetic Measurements in Unshielded Environments	Invited
10:15-10:30	Kaiyuan Zheng 郑凯元	The Hong Kong University of Science and Technology 香港科技大学	High sensitivity laser spectroscopy chips with sensing applications	Invited
10:30-10:45	Fang Wang 王芳	Shanghai Institute of Technical Physics of the CAS 中国科学院上海技术物理研究所	Novel Infrared Photodetectors and Their Intelligent Remote Sensing Applications	Invited
10:45-11:00	Coffee Break			
11:00-11:15	Yuan Zhao 赵远	Harbin Institute of Technology 哈尔滨工业大学	Quantum-detection technology in-complex environments	Invited
11:15-11:30	Hailu Luo 罗海陆	Hunan University 湖南大学	Quantum Differential Holography	Invited
11:30-11:45	Xiujuan Zhuang 庄秀娟	Hunan University 湖南大学	Research on Low-Dimensional Semiconductor Materials Based on Micro-Area Ultra-fast Spectroscopy Technology	Invited
11:45-12:00	Yafei Li 李亚飞	Jinan University 暨南大学	Microcavity-Enhanced Optoelectronic Fiber Photoacoustic Spectroscopy for ppb-Level Trace Gas Sensing	Invited
12:00-13:30	Lunch			
Chair: Weiguang Ma 马维光 Shanxi University 山西大学				
13:30-13:45	Bing Tu 涂兵	Nanjing University of Information Science and Technology 南京信息工程大学	Hyperspectral Computational Imaging and Applications	Invited
13:45-14:00	Yuefeng Lu 陆岳锋	Institute of Quantum Electronics, School of Electronics, Peking University 北京大学电子学院量子电子所	Absolute ^{3}He Geomagnetic Magnetometry	Invited
14:00-14:15	Yang Li 李扬	Southwest Communications Research Institute 西南通信研究所	Research on the Security of Quantum-Enhanced Time Synchronization: Theories and Methods	Invited
14:15-14:30	Jiaqi Yang 杨家琪	Shanxi University 山西大学	Research on High-Performance Gas Sensors Based on Nickel-Based Oxides	Invited
14:30-14:45	Xinyu Jia 贾新宇	Peking University 北京大学	Continuous-variable quantum entanglement on chip	Invited
15:30-15:50	Coffee Break			

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Session 8: Spectral Remote Sensing and Its Applications / 专题 8：光谱遥感及应用 Meeting Room 3				
Time	**Speaker**	**Affiliation**	**Title**	**Type**
Chair: Qifan Yang 杨起帆 Peking University 北京大学				
13:20-13:40	Lianbo Guo 郭连波	Huazhong University of Science and Technology 华中科技大学	Key Technologies Research and Typical Applications of Multimodal Fusion Laser-induced Breakdown Spectroscopy	Keynote
13:40-14:00	Yufei Ma 马欲飞	Harbin Institute of Technology 哈尔滨工业大学	Quartz-enhanced laser spectroscopy sensing	Keynote
14:00-14:15	Chen Ge 葛琛	Institute of Physics, CAS 中国科学院物理研究所	Oxide Intelligent Optoelectronic Physics	Invited
14:15-14:30	Qiang Zhang 张强	Shanxi University 山西大学	Optomechanically enhanced fber-optic sensing technologies	Invited
14:30-14:45	Lai Zhou 周来	Beijing Academy of Quantum Information Sciences 北京量子信息科学研究院	Remote sensing and quantum communication through photon level detection	Invited
14:45-15:00	Wei Li 李维	Beijing Institute of Space Mechanics & Electricity 北京空间机电研究所	Optical computing technology for space-based remote sensing	Invited
15:00-15:15	Xinyuan Zhang 张鑫源	National University of Defense Technology 国防科技大学	Multi-spectral Reflective Tomography LiDAR (RTL) Super-resolution Imaging Technology	Invited
15:15-15:30	Luning Li 李鲁宁	Shanghai Institute of Technical Physics, CAS 中国科学院上海技术物理研究所	Laser Spectroscopy Techniques in Planetary Exploration and Data Analysis Methods	Invited
15:30-15:50	Coffee Break			

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Session 9: Terahertz Science and Technology / 专题 9：太赫兹科学与技术 Meeting Room 3

Time	Speaker	Affiliation	Title	Type
Chair: Jian Chen 陈健 Nanjing University 南京大学 Yan Zhang 张岩 Capital Normal University 首都师范大学				
9:00-9:15	Jinjun Feng 冯进军	Beijing Vacuum Electronics Research Institute 北京真空电子技术研究所	Demonstration of Vortex-Wave Generation Using E-Band TWTs and Metasurface	Invited
9:15-9:30	Huanjun Chen 陈焕君	Sun Yat-sen University 中山大学	Graphene plasmon polariton atomic cavities and their THz detection	Invited
9:30-9:45	Dongwen Zhang 张栋文	National University of Defense Technology 国防科技大学	Synchronizing Terahertz Wave Generation with Attosecond Bursts from Water	Invited
9:45-10:00	Lei Hou 侯磊	Xi'an University of Technology 西安理工大学	AC Powered Glow Discharge Terahertz Detector	Invited
10:00-10:15	Liangliang Zhang 张亮亮	Capital Normal University 首都师范大学	Terahertz coherent detection based on liquid water	Invited
10:15-10:30	Shaoqing Du 杜少卿	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	Ortho-para conversion of a H_2O molecule encapsulated in a fullerene induced by single electron tunneling	Invited
10:30-10:45	Min Hu 胡旻	University of Electronic Science and Technology of China 电子科技大学	Non-destructive testing and applications of Terahertz nano-microscopy	Invited
10:45-11:00	Coffee Break			
Chair: Jinjun Feng 冯进军 Beijing Vacuum Electronics Research Institute 北京真空电子技术研究所 Qiye Wen 文岐业 University of Electronic Science and Technology of China 电子科技大学				
11:00-11:15	Yan Zhang 张岩	Capital Normal University 首都师范大学	Terahertz spatial modulator	Invited
11:15-11:30	Chaohai Du 杜朝海	Peking University 北京大学	Terahertz Plasmonic Vacuum Electronic Devices	Invited
11:30-11:45	Wenxin Liu 刘文鑫	Aerospace Information Research Institute, CAS 中国科学院空天信息创新研究院	Progress of Terahertz Vacuum Traveling wave amplifier in AIRCAS	Invited
11:45-12:00	Zhuo Dong 董卓	Suzhou Institute of Nano-Tech and Nano-Bionics, CAS 中国科学院苏州纳米技术与纳米仿生研究所	Integrated two-dimensional material room-temperature terahertz detector and its application research	Invited
12:15-13:30	Lunch			

Chair: Chaohai Du 杜朝海 Peking University 北京大学 Xiaojun Wu 吴晓君 Beihang University 北京航空航天大学				
13:30-13:45	Qiye Wen 文岐业	University of Electronic Science and Technology of China 电子科技大学	Broadband Electromagnetic Wave-Absorbing Materials and Applications for Next-Generation Information Technology	Invited
13:45-14:00	Huabin Wang 王化斌	Chongqing Institute of Green and Intelligent Technology, CAS 中国科学院重庆绿色智能技术研究院	Terahertz near-field detection techniques	Invited
14:00-14:15	Jie Zhao 赵洁	School of Physics and Optoelectronics, Beijing University of Technology 北京工业大学物理与光电工程学院	Enhanced terahertz full-field imaging with deep learning and computed tomography under the scanning illumination	Invited
14:15-14:30	Shibo Shu 舒诗博	Institute of High Energy Physics, CAS 中国科学院高能物理研究所	Development of 6-inch superconducting detector arrays for Primordial Gravitational wave search at 90	Invited
14:30-14:45	Dingding Ren 任丁丁	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	Germanium-based low-loss integrated optics	Invited
14:45-15:00	Xuecou Tu 涂学凑	Nanjing University 南京大学	Terahertz Hybrid Integrated Devices and Their Manufacturing Processes	Invited
15:00-15:15	Ride Wang 王日德	National Innovation Institute of Defense Technology, Academy of Military Sciences 军事科学院国防科技创新研究院	High-Sensitivity Trace Biosensing Detection Based on Terahertz Metasurfacese	Invited
15:15-15:30	Lu Zhang 张鹿	Zhejiang University 浙江大学	Photonic THz Continuous-wave Imaging	Invited
15:30-15:50	Coffee Break			
Chair: Huabin Wang 王化斌 Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences 中国科学院重庆绿色智能技术研究院 Xuecou Tu 涂学凑 Nanjing University 南京大学				
15:50-16:05	Yue Wang 王玥	Xi'an University of Technology 西安理工大学	Design, Characteristics, and Sensing Research of Novel Carbon Nanotube Film THz Metasurfaces	Invited
16:05-16:20	Su Xu 徐速	Jilin University 吉林大学	Silicon devices for terahertz reconfigurable functionalities	Invited
16:20-16:35	Hao Hu 胡昊	Nanjing University of Aeronautics and Astronautics 南京航空航天大学	Controlling THz Cherenkov radiation with low-dimensional materials	Invited
16:35-16:50	Huan Zhao 赵欢	Beijing Institute of Technology 北京理工大学	Decoupling of Phase and Amplitude Channels with a Terahertz Metasurface towards High-security Image	Invited
18:00	Dinner			

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Session 10: Biomedical Photonics/ 专题 10：生物医学光子学 Meeting Room 3

Chair: Qinrong Zhang 张沁榕
City University of Hong Kong 香港城市大学
Guozhong Zhao 赵国忠
Capital Normal University 首都师范大学

15:50-16:10	Xueli Chen 陈雪利	Xidian University 西安电子科技大学	Computational volumetric Raman imaging	Keynote
16:10-16:30	Bin Huang 黄斌	Nanjing Medical University 南京医科大学	Interfacial Assembly of Photosensitizers on Nano-Bubbles for Tumor Phototheranostics	Keynote
16:30-16:45	Guozhong Zhao 赵国忠	Capital Normal University 首都师范大学	Terahertz Sensing of Biochemical Molecules Based on Terahertz Metasurface	Invited
16:45-17:00	Jierong Cheng 程洁嵘	Nankai University 南开大学	Terahertz cascaded and polarization-multiplexed metasurfaces and applications	Invited
17:00-17:15	Xiaoyu Weng 翁晓羽	Shenzhen University 深圳大学	Research on Optical Imaging via Novel Light-Field Control	Invited
17:15-17:30	Qinrong Zhang 张沁榕	City University of Hong Kong 香港城市大学	High-fidelity imaging of living brains and eyes	Invited
17:30-17:45	Hongsen He 何宏森	Xiamen University 厦门大学	Imaging-Tailored Lasers for Photoacoustic Microscopy: Embedding Imaging Functions into the Source	Invited
17:45-18:00	Kangwen Yang 杨康文	University of Shanghai for Science and Technology 上海理工大学	Fiber enabled compact and fast coherent Raman spectroscopy	Invited
18:00	Dinner			

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Session 11: Photon Detection and Imaging/ 专题 11：光子探测与成像 Meeting Room 5

Time	Speaker	Affiliation	Title	Type
Chair: Baoqing Sun 孙宝清 Shandong University 山东大学				
9:00-9:15	Lu Gao 高禄	China University of Geosciences, Beijing 中国地质大学（北京）	From spatial correlation to orbital angular momentum correlation with incoherent light	Invited
9:15-9:30	Shixiang Xu 徐世祥	Shenzhen University 深圳大学	Two-step-phase-shift SPIDER	Invited
9:30-9:45	Haoyu Li 李浩宇	Harbin Institute of Technology 哈尔滨工业大学	Mathematically surpassing microscope limits to enable super-resolution in live cells	Invited
9:45-10:00	Hao Li 李浩	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	High efficiency superconducting nanowire single photon detector	Invited
10:00-10:15	Zhiyuan Zhou 周志远	University of Science and Technology of China 中国科学技术大学	Quantum Light Sources and Their Applications in Quantum Imaging	Invited
10:15-10:30	Guangwei Deng 邓光伟	University of Electronic Science and Technology of China 电子科技大学	Progress in quantum optomechanics	Invited
10:40-11:00	Coffee Break			
Chair: Haoyu Li 李浩宇 Harbin Institute of Technology 哈尔滨工业大学				
11:00-11:15	Baoqing Sun 孙宝清	Shandong University 山东大学	Ultra-broadband hyperspectral diffraction imaging using a ptychographic probe	Invited
11:15-11:30	Yi Xu 徐毅	Guangdong University of Technology 广东工业大学	Compressive optical transmission matrix for fast scattering imaging	Invited
11:30-11:45	Bin Wang 汪斌	Jinan Institute of Quantum Technology 济南量子技术研究院	High-Performance Quantum Frequency Conversion Connecting Ultraviolet and Telcom Bands	Invited
11:45-12:00	Jianan Fang 方迦南	East China Normal University 华东师范大学	Mid-infrared single-photon upconversion spectroscopy	Invited
12:00-13:30	Lunch			
Session 11: Photon Detection and Imaging / 专题 11：光子探测与成像				
Chair: Zhiyuan Zhou 周志远 University of Science and Technology of China 中国科学技术大学				
13:30-13:45	Lecheng Shen 沈乐成	East China Normal University 华东师范大学	High-speed wavefront control of scattered light	Invited
13:45-14:00	Bang Wu 吴邦	Beijing Academy of Quantum Information Sciences 北京量子信息科学研究院	Towards High-Efficiency Two-Photon Source: Harnessing the Degenerate XX–X Cascade in Cavity	Invited
14:00-14:15	Dong Pan 潘栋	Beijing Academy of Quantum Information Sciences 北京量子信息科学研究院	Research Progress on the Practical Implementation of Quantum Secure Direct Communication	Invited
14:15-14:30	Shuai Sun 孙帅	National University of Defense Technology 国防科技大学	Non-local wavefront correction: from quantum to classical to computational	Invited
14:30-14:40	Yusen Li 李玉森	Nanjing University of Science and Technology 南京理工大学	Physics-Aware Optimization of EDoF Hybrid Systems via PSF Invertibility	Oral
14:40-14:50	Ruen Chen 陈孺恩	Nanjing University of Science and Technology 南京理工大学	Adaptively Statistics-Curvature Guided Robust 3D Reconstruction in Outdoor Remote Detection	Oral

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Session 12: Infrared Photonics and Devices / 专题 12：红外光子学与器件 Meeting Room 6

Chair: Qiang Li 李强
Zhejiang University 浙江大学

13:30-13:45	Xin Tang 唐鑫	Minzu University of China 中央民族大学	Colloidal quantum dot infrared multi-spectral imagers	Keynote
13:45-14:00	Quanyong Lu 陆全勇	Beijing Academy of Quantum Information Sciences 北京量子信息科学研究院	Mid-IR quantum cascade laser frequency combs and their application in molecular spectroscopy	Invited
14:00-14:15	Houkun Liang 梁厚昆	Sichuan University 四川大学	On-chip low-threshold broadband long-wave infrared parametric conversion	Invited
14:15-14:30	Guohui Li 李国辉	Taiyuan University of Technology 太原理工大学	Noise-Immune, High-Speed Large-Area Organic Photodetectors for low-Light Imaging	Invited
14:30-14:45	Haozheng Liu 刘昊正	Shanghai Institute of Technical Physics, CAS 中科院上海技物所	Characterization of Extended-short-wave Infrared Detector Materials	Invited
14:45-15:00	Zhenrui Li 李真睿	Harbin Engineering University 哈尔滨工程大学	Research on Mid-Infrared Raman Soliton Lasers Based on Fluorotellurite Fiber	Invited
15:00-15:15	Gengxu Chen 陈耿旭	Fuzhou University 福州大学	Optoelectronic Neuromorphic Devices for Multimodal Perception and Multi-functional Integration	Invited
15:15-15:30	Ge Mou 牟鸽	Beijing Institute of Technology 北京理工大学	Colloidal quantum dot-based infrared-to-visible upconversion imaging	Invited
15:30-15:50	Coffee Break			

Chair: Houkun Liang 梁厚昆
Sichuan University 四川大学

15:50-16:05	Qiang Li 李强	Zhejiang University 浙江大学	Photonic Structure-Based Thermal Radiation Regulation and Its Applications in Infrared Stealth	Invited
16:05-16:20	Wenjia Zhou 周文佳	ShanghaiTech University 上海科技大学	Colloidal quantum dot based upconversion photodetector	Invited
16:20-16:35	Wei Wei 韦玮	Chongqing University 重庆大学	Cross-Scale AI-Driven Design of Optoelectronic Systems	Invited
16:35-16:45	Yuning Luo 罗宇宁	Beijing Institute of Technology 北京理工大学	Research on Multispectral Infrared Detectors based on Colloidal Quantum Dot	Oral
16:45-16:55	Yimei Tan 谭伊玫	Beijing Institute of Technology 北京理工大学	Megapixel Colloidal Quantum-dot Mid-wave Infrared Focal Plane Array Imagers	Oral
18:00	Dinner			

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Session 13: Optical Field Manipulation and Its Applications / 专题 13：光场调控及应用 Meeting Room 7

Time	Speaker	Affiliation	Title	Type
Chair: Chao Liu 刘超 Institute of Optics and Electronics, CAS 中国科学院光电技术研究所				
13:30-13:50	Xiangping Li 李向平	Jinan University 暨南大学	Metasurface from polarization to topological texture manipulation	Keynote
13:50-14:05	Ze Zhang 张泽	University of Aerospace Information 空天信息大学	Optical Pin Beam and Its Generalized Application Technology	Keynote
14:05-14:20	Zheqiang Zhong 钟哲强	Sichuan University 四川大学	Research on Atmospheric Turbulence Detection and Optical Field Recognition Based on Deep Learning	Invited
14:20-14:35	Youling Chen 陈幼玲	Institute of Semiconductors, CAS 中国科学院半导体研究所	Nanoparticle detection and unidirectional light emission based on WGM microcavities	Invited
14:35-14:50	Lingling Huang 黄玲玲	Beijing Institute of Technology 北京理工大学	Fundamental Physics and Functional Applications based on Metasurfaces	Invited
14:50-15:05	Wen Chen 陈文	East China Normal University 华东师范大学	Extreme nanophotonics: from molecular optomechanical upconversion to intelligent spectral characterization	Invited
15:05-15:20	Jiajun Wang 王佳俊	Fudan University 复旦大学	Meron Spin Textures in Momentum Space Spawning from Bound States in the Continuum	Invited
15:20-15:35	Meng Xiao 肖孟	Wuhan University 武汉大学	Finite-Barrier Bound States and Flat Bands Enabled by p-Orbitals	Invited
15:35-15:50	Coffee Break			
Chair: Xuewen Fu 付学文 Nankai University 南开大学				
15:50-16:10	Chao Liu 刘超	Institute of Optics and Electronics, CAS 中国科学院光电技术研究所	Research on Key Technologies of High-Availability Satellite-Ground Laser Communication	Keynote
16:10-16:25	Guixin Li 李贵新	Southern University of Science and Technology 南方科技大学	Light Field Manipulation with Nonlinear Optical Metasurfaces	Invited
16:25-16:40	Xuewen Fu 付学文	Nankai University 南开大学	Ultrafast electron microscopy of near-field dynamics in chiral metasurface	Invited
16:40-16:55	Chaoyang Zhang 张朝阳	Xi'an Jiaotong University 西安交通大学	All-optically Reconfigurable Photonic Lattices via Atomic Coherence	Invited
16:55-17:10	Yuanjie Yang 杨元杰	University of Electronic Science and Technology of China 电子科技大学	Generation of novel vortex beams and their applications in optical manipulation	Invited
17:10-17:25	Wange Song 宋万鸽	Nanjing University 南京大学	Artificial gauge fields on photonic chips	Invited
17:25-17:40	Xinzhong Li 李新忠	Henan University of Science and Technology 河南科技大学	Multidimensional Particles Manipulation via OAM Beam	Invited
17:40-17:55	Yihao Yang 杨怡豪	Zhejiang University 浙江大学	Time Synthetic Dimensions: From Photonic Simulation to Photonic Neural Networks	Invited
17:55-18:10	Sicen Tao 陶思岑	Peking University 北京大学	Ergodic polariton modes with sub-nanoscale localization in hyperbolic optical microcavities	Oral
18:10	Dinner			

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Session 13: Optical Field Manipulation and Its Applications / 专题 13：光场调控及应用 Meeting Room 7

Time	Speaker	Affiliation	Title	Type
Chair: Zhenglong Zhang 张正龙 Shaanxi Normal University 陕西师范大学				
9:00-9:20	Chunqing Gao 高春清	Beijing Institute of Technology 北京理工大学	Vortex beams generated from non-planar ring oscillators	Keynote
9:20-9:40	Cheng Zhang 张诚	Huazhong University of Science and Technology 华中科技大学	Multifunctional Imaging and Displaying enabled by Optical Metasurfaces	Keynote
9:40-9:55	Wenjie Wan 万文杰	Shanghai Jiao Tong University 上海交通大学	On-chip Mid-infrared Sensing without Mid-Infrared Photons	Invited
9:55-10:10	Yuanlin Zheng 郑远林	Shanghai Jiao Tong University 上海交通大学	Enhanced Nonlinear Photonics in Thin-film Lithium Niobate Cavities	Invited
10:10-10:25	Churong Pan 潘楚荣	National University of Defense Technology 国防科技大学	All-optical controlled multichannel nonlinear holography in an atomic vapor	Invited
10:25-10:40	Shiyao Fu 付时尧	Beijing Institute of Technology 北京理工大学	Intelligent tailoring of high-dimensional structured beams	Invited
10:40-11:00	Coffee Break			
Chair: Wenjie Wan 万文杰 Shanghai Jiao Tong University 上海交通大学				
11:00-11:15	Zhenglong Zhang 张正龙	Shaanxi Normal University 陕西师范大学	Ultrafast luminescence of doped Re^{3+} by plasmonic nanocavity	Invited
11:15-11:30	Boxin Luo 罗伯新	Shanghai Fenchuang Information Technology Co., Ltd. 上海芬创信息科技有限公司	Photroland – Enabling Advanced Optical Field Modulation with Precision	Invited
11:30-11:45	Zhihan Zhu 朱智涵	Harbin University of Science and Technology 哈尔滨理工大学	Tunable Structured Laser Over Full Spatial Spectrum	Invited
11:45-12:00	Limin Jin 金立敏	Harbin Institute of Technology, Shenzhen 哈尔滨工业大学 (深圳)	Ln^{3+}-based heterogenous photonic integration and their applications	Invited
12:00-12:15	Chengliang Zhao 赵承良	Soochow University 苏州大学	Tailoring Coherence for Dynamic Sensing	Invited
12:15-12:30	Chuanzhao Li 李传召	Ludong University 鲁东大学	Polarization-Resolved Spectroscopic Characterization and Ultrafast Dynamics in Two-Dimensional Layer	Invited
12:15-13:30	Lunch			

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Session 14: Integrated Photonics and Photonic Computing / 专题 14：集成光子与光子计算 Meeting Room 8

Time	Speaker	Affiliation	Title	Type
Chair：Jinping He 何晋平 Nanjing Institute of Astronomical Optics & Technology, CAS 中国科学院南京天文光学技术研究所				
13:30-13:45	Yan Yang 杨妍	Institute of Microelectronics, CAS 中国科学院微电子研究所	Si photonic integration technology and platform for OCI	Invited
13:45-14:00	Zongquan Zhou 周宗权	University of Science and Technology of China 中国科学技术大学	Efficient integrated quantum memory for light	Invited
14:00-14:15	Jiaxiang Zhang 张加祥	Shanghai Institute of Microsystem and Information Technology, CAS 中国科学院上海微系统与信息技术研究所	Large-scale hybrid integrated optical quantum devices and chips	Invited
14:15-14:30	Cheng Wang 王成	ShanghaiTech University 上海科技大学	Deep photonic reservoir computing AI processorand applications	Invited
14:30-14:45	Han Zhang 张晗	Shenzhen University 深圳大学	Ultrafast laser and photonic intelligent computing	Invited
14:45-15:00	Qun Ren 任群	Tianjin University 天津大学	Quantization of Maxwell's Equations and Terahertz Optical Quantum Computing	Invited
15:00-15:15	Fang Wei 魏芳	Zhangjiang Laboratory 张江实验室	Application of Silicon Photonic Devices in Low-Earth Orbit Satellite Internet	Invited
15:15-15:30	Zhouyang Pan 潘洲阳	Nanjing University of Aeronautics and Astronautics 南京航空航天大学	Large-scale integrated optoelectronic chaos for machine learning acceleration	Invited
15:30-15:50	Coffee Break			
Chair: Jijun Feng 冯吉军 University of Shanghai for Science and Technology 上海理工大学				
15:50-16:05	Jinping He 何晋平	Nanjing Institute of Astronomical Optics & Technology, CAS 中国科学院南京天文光学技术研究所	Progress of high resolution integrated photonic spectrograph for astronomical observation	Invited
16:05-16:20	Kan Wu 吴侃	Shanghai Jiao Tong University 上海交通大学	Recent progress on integrated gain and mode-locked lasers based on erbium-doped lithium niobate	Invited
16:20-16:35	Zejie Yu 俞泽杰	Zhejiang University 浙江大学	Strong second-order nonlinear wavelength conversion in thin-film lithium niobate/tantalate	Invited
16:35-16:50	Jiabin Shen 沈佳斌	Fudan University 复旦大学	Elemental Phase-Change Materials and Devices for Integrated Photonics	Invited
16:50-17:05	An He 何安	Soochow University 苏州大学	Integrated III-V Lasers with Silicon Photonics	Invited
17:05-17:20	Zhiyan Wang 汪芷砚	Peking University 北京大学	All-van der Waals microcavities for ultralow-loss nonlinear photonics	Invited
17:20-17:35	Guixiang Chen 陈贵祥	Nanjing University of Science and Technology 南京理工大学	High-extinction-ratio visible-light thermo-optic switch based on two-stage mode management	Invited
18:00	Coffee Break			

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Session 15: Topological Photonics and Non-Hermitian Optics / 专题 15：拓扑光子学与非厄米光学 Meeting Room 6

Time	Speaker	Affiliation	Title	Type
Chair: Yiming Pan 潘义明 ShanghaiTech University 上海科技大学				
13:30-13:50	Dawei Wang 王大伟	Zhejiang University 浙江大学	Realizing the Haldane Model in Thermal Atoms	Keynote
13:50-14:10	Chao Peng 彭超	Peking University 北京大学	Collective oscillation in photonic crystal slabs	Keynote
14:10-14:30	Lei Shi 石磊	Fudan University 复旦大学	Towards.Topological Fields in Liquid-Surface Waves: Generation and Applications	Keynote
14:30-14:45	Luqi Yuan 袁璐琦	Shanghai Jiao Tong University 上海交通大学	Non-Hermitian topology and non-Abelian gauge fields with synthetic frequency dimension	Invited
14:45-15:00	Xulin Zhang 张旭霖	Jilin University 吉林大学	Reconfigurable non-Abelian braiding in photonic waveguides	Invited
15:00-15:15	Daohong Song 宋道红	Nankai University 南开大学	Quadratic Band Touching and Nontrivial Winding Reveal Generalized Angular Momentum Conservation	Invited
15:15-15:30	Haitan Xu 徐海潭	Nanjing University 南京大学	Topological dynamics and sensing with exceptional points	Invited
15:30-15:50	Coffee Break			
Chair: Luqi Yuan 袁璐琦 Shanghai Jiao Tong University 上海交通大学				
15:50-16:10	Bole Zhang 张柏乐	Nanyang Technological University 南洋理工大学	Topological Physics with Light, Sound, and Machine Learning	Keynote
16:10-16:30	Ce Shang 尚策	Aerospace Information Research Institute, CAS 中国科学院空天信息创新研究院	Topological polaritons in Metamaterial	Keynote
16:30-16:50	Peng Xue, Kunkun Wang 薛鹏、王坤坤	Beijing Computational Science Research Center / Anhui University 北京计算科学研究中心 / 安徽大学	Investigating the Topology of Higher-Order Exceptional Points with Photons	Keynote
16:50-17:05	Yiming Pan 潘义明	ShanghaiTech University 上海科技大学	Self-balanced Bloch oscillations in momentum k-gap engineering	Invited
17:05-17:20	Haoran Xue 薛昊冉	The Chinese University of Hong Kong 香港中文大学	Three-dimensional valley-contrasting physics	Invited
17:15-17:30	Shiqi Xia 夏士齐	Nankai University 南开大学	Nonlinear Rewinding of Complex Bands in a Non-Hermitian Floquet Frequency Dimension	Invited
17:30-17:45	Wenzhe Liu 刘文哲	Fudan University 复旦大学	Connection between two fields: bound states in the continuum and topological nodal chains	Invited
17:45-18:00	Minye Yang 杨旻晔	Northwestern Polytechnical University 西北工业大学	Breaking the sensitivity-noise trade-off of exceptional point sensing	Invited
18:00-18:10	Zihe An 安子詝	Tsinghua University 清华大学	Observation of a single-mode exceptional point	Oral
18:10-18:20	Jialu Mu 穆嘉璐	Hunan University 湖南大学	Spatial Kramers degeneracy	Oral
18:20	Dinner			

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P2	Nonlinear tuning of multiple topological edge states in photovoltaic photonic lattices Ruichang Chen 陈瑞昌 Shandong University 山东大学
P3	Observation of First-order and Second-order topological insulators in Photonic Martini Lattices Weizhao Cheng 程炜钊 Shandong University 山东大学
P4	Compact light-induced thermoelastic sensor for ppb-level C_2H_2 detection exploiting a toroidal multi-pass cell Yashan Fan 樊亚杉 Taiyuan University of Science and Technology 太原科技大学
P5	Period-tripling route to chaos of soliton molecules in a mode-locked fiber laser Wenjie Feng 冯文杰 Shaanxi Normal University 陕西师范大学
P6	Broadband Up-Conversion Mid-Infrared Time-Stretch Spectroscopy Sen Geng 耿森 East China Normal University 华东师范大学
P7	Optical frequency comb Zhen Hu 胡振 Hainan Institute of East China Normal University 华东师范大学海南研究院
P8	Seeing Through the Surface: Pinpointing Defects-A New Breakthrough Non-Destructive Testing of Composite Materials Junke Huang 黄军科 East China Normal University 华东师范大学
P9	States evolution induced by variation of intracavity modulation depth in ultrafast fiber lasers Hongbo Jiang 江鸿博 Harbin Engineering University 哈尔滨工程大学
P10	CW laser-assisted splitting of SiC wafer based on modified layer by picosecond laser Lu Jiang 姜璐 Institute of Semiconductors, CAS 中国科学院半导体研究所
P11	Adaptive Real-Time Magnetic Field Tracking beyond Prior Waveform Constraints Xiaofeng Jin 金晓峰 Hangzhou Dianzi University 杭州电子科技大学
P12	Femtosecond laser - plasma grating molecular fingerprint recognition technology Haoyu Jin 靳昊宇 East China Normal University 华东师范大学
P13	Integrated Dual-comb spectrometer and its applications Xutian Jing 靖绪天 East China Normal University 华东师范大学
P14	A multi-distance laser-induced breakdown spectroscopy data classification methodbased on deep convolutional neural network and spectral sample weight optimization Luning Li 李鲁宁 Shanghai Institute of Technical Physics, CAS 中国科学院上海技术物理研究所

P15	Control of Non-Hermitian Topological Physics Jian Li 李健 Chongqing University of Posts and Telecommunications 重庆邮电大学
P16	Deep metric learning framework combined with Gramian angular difference field image generation for Raman spectra classification based on a handheld Raman spectrometer Shiwen Li 李诗文 East China Normal University 华东师范大学
P17	Localized Lead-Chelating Insulator Bottom Contact for Efficient and Stable p-i-n Perovskite Solar Cells Ying Li 李颖 Hunan Normal University 湖南师范大学
P18	Tunable Composite-Dimensional Hong-Ou-Mandel Interference for Stable and Accurate 3D Positioning Yongqiang Li 李勇强 Hunan Normal University 湖南师范大学
P19	Rapid and Precise Distance Measurement Using Balanced Cross-Correlation Yuanhao Li 李元浩 East China Normal University 华东师范大学
P20	Exceptional Point-enhanced Rydberg Atomic Electrometers Chao Liang 梁超 Beijing Tsinghua Institute for Frontier Interdisciplinary Innovation 北京清华前沿交叉创新研究院
P21	Gradient Descent-Assisted Monochromatization for Broadband Coherent Diffractive Imaging Bo Liu 刘波 National University of Defense Technology 国防科技大学理学院
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P28	All-optical controlled multichannel nonlinear holography in an atomic vapor Churong Pan 潘楚荣 National University of Defense Technology 国防科技大学
P29	Dynamic Evolution of Nyquist-pulse solitons from a mode-locked fiber oscillator Ziyi Pu 蒲子怡 Institute of Semiconductors, CAS 中国科学院半导体研究所
P30	Mpemba effect caused by anomalous heat conduction in a quantum dot system Yufeng Su 苏宇峰 Hunan Normal University 湖南师范大学

P31	Mid-Infrared Single-Photon Upconversion Spectroscopy Ben Sun 孙奔 East China Normal University 华东师范大学
P32	Megapixel Colloidal Quantum-dot Mid-wave Infrared Focal Plane Array Imagers Yimei Tan 谭伊玫 Beijing Institute of Technology 北京理工大学
P33	Filament induced breakdown spectroscopy with enhanced excitations from plasma gratings Enlai Wan 万恩来 East China Normal University 华东师范大学
P34	Stochastic collapse and recovery of optical solitons in harmonic mode-locked lasers under pump perturbations Benhai Wang 王本海 Shanghai Institute of Optics and Fine Mechanics, CAS 上海光学精密机械研究所
P35	Generation and characterization of ultrashort isolated attosecond pulses Jiacan Wang 王家灿 National University of Defense Technology 国防科技大学理学院
P36	Manipulating Topological Polaritons in Optomechanical Ladders Jiakang Wu 吴加康 Hunan Normal University 湖南师范大学
P37	Safeguarding quantum time synchronization networks with franson interference: picosecond-level detection of intercept-resend delay attacks Zhiguang Xia 夏志广 National Time Service Center, CAS 中国科学院国家授时中心
P38	High-efficiency single-photon source above the loss-tolerant threshold for efficient LOQC Mochi Xu 徐莫迟 University of Science and Technology of China 中国科学技术大学
P39	Simultaneous ground-state cooling of two levitated nanoparticles by coherent scattering Yi Xu 徐毅 Hunan Normal University 湖南师范大学
P40	A CMOS-Compatible 2.5D Silicon Photonic–Electronic Integrated 4 × 4 Optical Switch for Data Center Interconnects Gang Yang 杨刚 Institute of Mechanics, Chinese Academy of Sciences 中国科学院微电子研究所
P41	Ultrafast laser-induced refractive index tuning inside GeSbSNa glasses for mid-IR applications Heng Yao 姚恒 Ningbo Univeristy 宁波大学
P42	Sensing Based on Quantum Correlation of Photons in the Weak Nonlinear Regime Ziqiang Yin 尹子强 Hunan Normal University 湖南师范大学
P43	Effect of Macropixel Resolution on Adaptive Wavefront Shaping for Laser Control in Multimode Fibers Miaomiao Yuan 袁苗苗 , Yang Liu 刘阳 , Xiaosheng Xiao 肖晓晟 Beijing University of Posts and Telecommunications 北京邮电大学
P44	Multi-differential Parallel Confocal Three-dimensional Measurement Axial Range Expansion Method Tao Yuan 袁涛 East China Normal University 华东师范大学
P45	Enhancing the sensitivity of quantum fiber-optical gyroscope via a non-Gaussian-state probe Rui Zhang 张睿 Hunan Normal University 湖南师范大学

P46	Room-Temperature Mid-Infrared Photon-Triggered Detectors with In-Sensor Perception and Data Preprocessing Capabilities Shi Zhang 张拾 Suzhou Institute of Nano-Tech and Nano-Bionics, CAS 中国科学院苏州纳米技术与纳米仿生研究所
P47	A multi-distance laser-induced breakdown spectroscopy data classification method Xuchen Zhang 张绪辰 Shanghai Institute of Technical Physics of the Chinese Academy of Sciences 中科院上海技术物理研究所
P48	Ultrafast Broadband Optical Detection Using Silver Antimony Selenide Thin Films Prepared by Spray Pyrolytic Deposition Zhen Zhang 张真 East China Normal University 华东师范大学
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P52	Mg-doped a-Ga2O3 nanorods for the construction of photoelectrochemical-type self-powered solar blind Xin Zhou 周欣 East China Normal University 华东师范大学
P53	A High-sensitivity Quantum Detection Method Based on Dynamic Propagation Compensation Mu Zhou 周牧 Chongqing University of Posts and Telecommunications 重庆邮电大学
P54	High-sensitivity and high-resolution infrared dual-comb spectroscopy Dongxu Zhu 朱东旭 East China Normal University 华东师范大学
P55	Single-photon scattering in giant-atom topological-waveguide-QED systems Hai Zhu 朱海 Hunan Normal University 湖南师范大学
P56	Scalable On-Chip Hybrid cQED Systems via “LEGO-like” Heterogeneous Integration Yifan Zhu 朱一帆 Shanghai Institute of Microsystem and Information Technology 中国科学院上海微系统与信息技术研究所