

Day 1: Saturday, August 15		Venue: 3F International Ballroom
Opening Ceremony		
Host: Prof. Fang Bo, Nankai University		
08:30 – 08:50	Opening Remarks Speakers Prof. Guoquan Zhang Nankai University, International Advisory Board Member Prof. Jianlin Zhao Northwestern Polytechnical University, Conference Chair	
Session 1.1		
Session Theme: Broadband Nonlinear Lasers & LNOI Thin Film Devices		
Host: Prof. Jiafang Li, Beijing Institute of Technology		
08:50–09:20	Title: Nonlinear up-conversion/down-conversion synergy enabling intense DUV-Vis-FIR full-spectrum white laser generation Prof. Zhiyuan Li (Invited) South China University of Technology	
09:20–09:50	Title: Thin-film Lithium Niobate for Mode-Phase-Matching Based Nonlinear Photonics Prof. Feng Chen (Invited) Shandong University	
09:50–10:00	Group Photo Venue: 3F International Ballroom	
10:00–10:30	Coffee Break Venue: 3F International Ballroom	
Session 1.2		
Session Theme: Ferroelectric Domain Modulation & Low-Dimensional Exciton Photonics		
Host: Prof. Dong Mao, Northwestern Polytechnical University		
10:30–11:00	Title: Ferroelectric domain engineering Prof. Hao Tian (Invited) Harbin Institute of Technology	
11:00–11:30	Title: Optical Control of Woven Ferroelectric Domains Assoc. Prof. Feifei Xin (Invited) Nankai University	
11:30–12:00	Title: Exciton Behaviors in van der Waals Materials: Modulation and Optoelectronic Applications Prof. Xiaoxian Zhang (Invited) Beijing Jiaotong University	
12:00–13:30	Self-Service Buffet Lunch Venue: 1F Self-Service Restaurant	

Session 1.3 Session Theme: Ultrafast Fiber Lasers & Reconfigurable Metasurface Devices Host: Prof. Hao Tian, Harbin Institute of Technology	
14:00–14:30	Title: Multi-dimensional modulation of ultrafast fiber lasers Prof. Dong Mao (Invited) Northwestern Polytechnical University
14:30–15:00	Title: Electromechanically programmable optical metasurfaces for dynamic light-field manipulation Prof. Jiafang Li (Invited) Beijing Institute of Technology
15:00–15:15	Title: All-Optical Reconfigurable Second-Harmonic Generation in MoS ₂ Prof. Yi Zhang (Oral) Northwestern Polytechnical University
15:15–15:30	Title: Tunable OAM interaction between phase and intensity singularities Prof. Yi Liang (Oral) Guangxi University
15:30–16:00	Coffee Break Venue: 3F International Ballroom
Session 1.4 Session Theme: Poster Session Venue: 3F International Ballroom Host: Prof. Xinzheng Zhang, Nankai University	
16:00–17:30	All poster authors are available for academic communication: 1. Ru Zhao, Master student, Hebei University 2. Qian Liu, PhD student, Guangxi University 3. Nicolas Marsal, Professor, Université de Lorraine, France 4. Nicolas Marsal, Professor, Université de Lorraine, France 5. Ruoqi Chen, PhD student, Nankai University 6. Binwen Niu, PhD student, Nankai University 7. Rui Yang, PhD student, Nankai University 8. Xiaolong Wang, PhD student, Nankai University 9. Shengbo Song, PhD student, Nankai University 10. Biao Dong, PhD student, Nankai University 11. Xudong Tong, PhD student, Nankai University 12. Zhehao Ye, PhD student, Northwestern Polytechnical University 13. Yueweiying Wang, PhD student, Northwestern Polytechnical University 14. Xu Ji, PhD student, Northwestern Polytechnical University
18:30–20:30	Conference Banquet Dinner/Best Poster Award Ceremony Venue: 2F No.1 Meeting Room

Day 2: Sunday, August 16		Venue: 3F International Ballroom
Session 2.1		
Session Theme: Integrated Lithium Niobate Chips & Photorefractive Microresonators		
Host: Prof. Dehui Sun, University of Jinan		
08:30–09:00	Title: Lithium Niobate Photonic Integrated Circuits Prof. Ya Cheng (Invited) East China Normal University	
09:00–09:30	Title: Activation and suppression of photorefractive effects in LiNbO ₃ microresonators for Kerr frequency comb generation and stabilization Prof. Qifan Yang (Invited) Peking University	
09:30–09:45	Title: Enhanced Photorefractive Response Speed in W- and Zr, W-Doped LiNbO ₃ Crystals in the Visible Band Prof. Tian Tian (Oral) Shanghai Institute of Technology	
09:45–10:00	Title: Progress in Lithium Niobate-Based Photovoltaic Manipulation Technology for Fluids and Solids Prof. Wenbo Yan / Prof. Fengyi Zhou (Oral) Hebei University of Technology	
10:00–10:30	Coffee Break Venue: 3F International Ballroom	
Session 2.2		
Session Theme: Lithium Niobate Thin Films & Crystal Growth Technology		
Host: Prof. Qifan Yang, Peking University		
10:30–11:00	Title: Lithium niobate thin films: Recent advances and photonic applications Prof. Hui Hu (Invited) Shandong University	
11:00–11:30	Title: Lithium Niobate Crystal Growth and Optical Quality Evaluation Prof. Dehui Sun (Invited) University of Jinan	
11:30–11:45	Title: On-Chip Nonlinear Optical Physical Unclonable Function Based on Thin-Film Lithium Niobate Array Assoc. Prof. Pengfa Chang (Oral) Taiyuan University of Technology	
11:45–12:00	Title: Efficient self-amplification in monolithically integrated laser on Er/Yb co-doped lithium niobate on insulator Dr. Yuqi Zhang (Oral) Nankai University	
12:00–13:30	Self-Service Buffet Lunch Venue: 1F Self-Service Restaurant	

Session 2.3

Session Theme: Photorefractive Nonlinear Dynamics & 3D Laser Fabrication

Host: Prof. Lung-Han Peng, National Taiwan University

14:00–14:30	Title: Structured Light: Tailoring Optical Fields Towards Nonlinear Dynamics Prof. Nicolas Marsal (Invited) Université de Lorraine, CentraleSupélec, France
14:30–15:00	Title: High-Efficiency 3D Nonlinear Photonic Crystals Based on Laser Direct Writing Prof. Yan Sheng/Dr. Shan Liu (Invited) Ningbo University/Australian National University, Australia
15:00–15:15	Title: Fiber Bragg gratings inscribed in ring core fiber by femtosecond laser Prof. Yajun Jiang (Oral) Northwestern Polytechnical University
15:15–15:30	Title: Ultra-compact wavelength- and mode-division (de)multiplexers on 4H-silicon-carbide-on-insulator platform via inverse design Dr. Wenjie Zhang (Oral) Nankai University
15:30–16:00	Coffee Break Venue: 3F International Ballroom

Session 2.4

Session Theme: Liquid Crystal Tunable Metasurfaces & Vortex Photonics

Host: Prof. Nicolas Marsal, Université de Lorraine, CentraleSupélec, France

16:00–16:30	Title: Dye-Doped Liquid Crystal Mediated All-Optical Tuning of Dielectric Metasurfaces Prof. Andrey Iljin (Invited) The Max Planck Institute for the Science of Light, Germany
16:30–17:00	Title: Nonlinear Coupling and Mode Conversion for Vortex Beam Generation in Waveguiding Nonlinear Photonic Crystals Prof. Lung-Han Peng (Invited) National Taiwan University
17:00–17:30	Title: Boosting and steering excitonic emission with a plasmonic nanocavity Prof. Fajun Xiao (Invited) Northwestern Polytechnical University
17:30–17:45	Title: Plasmonic Fiber Tip-Enhanced Nanospectroscopy Assoc. Prof. Fanfan Lu (Oral) Northwestern Polytechnical University
18:30–20:30	Self-Service Buffet Dinner Venue: 1F Self-Service Restaurant

Day 3: Monday, August 17		Venue: 3F International Ballroom
Session 3.1		
Session Theme: On-Chip Photonics & Ferroelectric Liquid Crystal Photonics		
Host: Prof. Ligang Huang, Chongqing University		
08:30–09:00	Title: Observation of Goos-Hanchen Shift under Normal Incidence in Slanted TiO ₂ Nanogratings Prof. Yuancheng Fan (Invited) Northwestern Polytechnical University	
09:00–09:30	Title: Group-velocity engineering and topological light stopping in photonic lattices through long-range couplings Prof. Xinyuan Qi (Invited) Northwest University	
09:30–09:45	Title: Light–Matter Interactions in Ferroelectric Nematics: From Bulk Photovoltaics to Photorefractive Gratings Dr. Hasson Faheem (Oral) Nankai University	
09:45–10:00	Title: Nematic Ferroelectric Liquid Crystals: Bridging the Fundamental Gap Between Solid and Liquid Ferroelectrics through Polar Order in Fluids Dr. Lotfi SAADAoui (Oral) Nankai University	
10:00–10:30	Coffee Break Venue: 3F International Ballroom	
Session 3.2		
Session Theme: On-Chip Photonics		
Host: Prof. Xinyuan Qi, Northwest University		
10:30–11:00	Title: Metasurface-Based Near- and Far-Field Vector Holography Prof. Dandan Wen (Invited) Northwestern Polytechnical University	
11:00–11:15	Title: On-Chip Acousto-Optic Superlattice Modulation Based on Surface Acoustic Wave and Micro-Nano Optical Waveguide Prof. Ligang Huang (Oral) Chongqing University	
11:15–11:30	Title: Ghost imaging with zero photons Assoc. Prof. Jianbin Liu (Oral) Xi'an Jiaotong University	
11:30–11:45	Title: Characterize localization length of disordered lattices via critical coupling effect Prof. Peilong Hong (Oral) Anqing Normal University	
11:45–12:00	Title: Width-reshaped photonic-crystal ring resonators for localized dispersion engineering Assoc. Prof. Zhenzhong Hao (Oral) Nankai University	

12:00–13:30	Self-Service Buffet Lunch Venue: 1F Self-Service Restaurant
Session 3.3 Session Theme: Organizing Committee Internal Meeting & Conference Closing Summary Host: Prof. Yonfa Kong, Nankai University	
14:00–16:00	Organizing Committee Internal Meeting Venue: 2F No.2 Meeting Room Participants: Organizing Committee Members
16:00–16:15	Closing Remarks Speakers: Prof. Jingjun Xu, Prof. Jianlin Zhao (Conference Co-Chairs)
18:30–20:30	Self-Service Buffet Dinner Venue: 1F Self-Service Restaurant

Day 4: Tuesday, August 18

Morning

Laboratory Tours & Conference Departure