

Conference Venue: Science and Art Center, Xiamen University.

Address: No. 422 Siming South Road, Siming District, Xiamen, Fujian 361005, China

厦门大学 科学艺术中心, 福建省厦门市思明区思明南路 422号

Tuesday, April 8th: Full day registration (Science and Arts center, 2F)

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Dinner: Buffet in Yifu building (1F, Boxue Cafe)

Wednesday, April 9th (Science and Arts center, 2F, Concert Hall)

Session 1. 08:20-9:40. Quantum Optics of Excitons and Polaritons. Chairman: Zhanghai Chen

Time	Duration	Speaker & Title
08:20	20'	Opening Speech: Yancheng You, Zhanghai Chen, Alexey Kavokin
08:40	30'+5'	Wang Yao Keynote Hybrid Moiré Excitons in Twisted Homobilayer TMDs
09:15	20'+5'	Alexey Kavokin Entanglement of Exciton Polariton Condensates

Coffee Break: 09:40-10:10

Session 2. 10:10-11:25. Quantum Optics of Excitons and Polaritons. Chairman: Wang Yao

Time	Duration	Speaker & Title
10:10	30'+5'	Mark Fox Keynote Purcell-Enhanced Quantum-Dot Single-Photon Sources
10:45	20'+5'	Jin Liu Semiconductor Cavity Quantum Electrodynamics
11:10	13'+2'	Hui Li Ultrafast Dynamics of Exciton Polaritons at Room Temperature
11:25	13'+2'	Jiaxin Zhao Exciton-Polariton Interactions in Van der Waals Superlattices

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Session 3. 14:00-15:50. Excitons & Exciton Polaritons Chairman: Alexey Kavokin

Time	Duration	Speaker & Title
14:00	30'+5'	Sven Höfling Keynote Telecom Wavelength Quantum Dot Single-Photon Sources for Quantum Technologies
14:35	20'+5'	Jesus Zuniga-Perez In-Plane Polaritons: From Edge-Emitting Polariton Lasing to Long-Distance Propagation
15:00	20'+5'	Pavlos Savvidis ProtoTopic Polariton Superfluid Qubit Analog in an Annular Trap
15:25	20'+5'	Fabrice Laussy Quantum Characterization of a Polariton BEC

Coffee Break: 15:50-16:20

Session4. 16:20-17:45. Quantum Optics of Nano&Micro Cavities. Chairman: Pavlos Savvidis

Time	Duration	Speaker & Title
16:20	30'+5'	Yuri Kivshar Keynote Chiral Metaphotonics and Mie-tronics
16:55	20'+5'	Xiulai Xu Mode and Polarization Control of Photonic Molecules
17:20	20'+5'	Said Rodriguez Continuous-Wave Nonlinear Polarization Control and Signatures of Criticality in a Perovskite Cavity

Banquet: Yifu Building (2F, Banquet Hall)

Thursday, April 10th – Session A (Science and Arts center, 1F, Conference Room No.1)

Session A1: 08:30-10:00. Dissipative Coupling and Organics Polaritons, Chairmen: Yuri Kivshar

Time	Duration	Speaker & Title
08:30	20'+5'	Jiang Xiao Interpreting S-Parameter Spectra in Coupled Resonant Systems - The Type of Probing Configurations
08:55	20'+5'	Dmitry Solnyshkov Topological Polaritonics with Organic Materials
09:20	20'+5'	Hongbing Fu Realization of Exciton-Mediated Optical Spin-orbit Interaction in Organic Microcrystalline Resonators for Circularly Polarized Electroluminescence
09:45	13'+2'	Henri Lyyra Criteria for Polaritonic Enhancement of OLEDs Beyond the Single-Excitation Case

Coffee Break: 10:00-10:30

Session A2: 10:30-11:50. Quantum Dots& Quantum Light Sources. Chairman: Jin Liu

Time	Duration	Speaker & Title
10:30	20'+5'	Luca Sapienza Quantum Photonic Devices with Integrated Quantum Dots
10:55	20'+5'	Alexey Toropov Single-Photon Emission at 1.55 μm Wavelength in a Metamorphic Quantum Dot Microcavity Under Resonant Coherent Excitation
11:20	13'+2'	Yuriy Serov Quantum Dots Anisotropy as a Resource in Multiphoton Entanglement
11:35	13'+2'	Maxim. Rakhlin Fiber-Coupled Single-Photon Source Based on InAs/GaAs Quantum Dots in Cylindrical Microresonators

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Session A3: 14:00-15:15. Quantum Dots& Quantum Light Sources. Chairman: Sven Höfling

Time	Duration	Speaker & Title
14:00	20'+5'	Elena Del Valle Multiphoton Emission from a Single-Photon Source and Single-Photon Emission from Multiple Levels
14:25	20'+5'	Moritz Cygorek Phonon Effects on Quantum Emitters and Novel Tools for Fast yet Exact Simulation
14:50	20'+5'	Xujie Wang A Pure-State Model for Resonance Fluorescence of a Two-Level Quantum Emitter

Coffee Break: 15:15-15:45

Session A4: 15:45-17:40. Polariton Condensation. Chair: Elena Del Valle

Time	Duration	Speaker & Title
15:45	20'+5'	Jianqiang You Cavity Magnonics and Quantum Magnonics
16:10	20'+5'	Xinfeng Liu Exciton Polariton Condensation from BIC at Room Temperature
16:35	20'+5'	Yong-Hoon Cho Room-Temperature Polariton Condensation and Control in GaN-Based Whispering Gallery Mode and Superscar Mode Microcavities
17:00	20'+5'	Qing Zhang Room Temperature Exciton-Polariton Condensation in Perovskite Microcavities
17:25	13'+2'	Bo Han Exciton Polariton Condensate in the van der Waals Magnet CrSBr
17:40	13'+2'	Qijun Ren Sponsor T.B.C

Dinner: Buffet in Yifu building (1F, Boxue Cafe)

Thursday, April 10th– Session B (Science and Arts center, 2F, Concert Hall)

Session B1: Quantum Optics of 2D Materials 08:30-10:10. Chairmen: Daniele Sanvitto

Time	Duration	Speaker & Title
08:30	20'+5'	Qihua Xiong Manipulating Nonlinear Interactions in TMD Materials and Microcavities
08:55	20'+5'	Shiwei Wu Magnetic Polymorphism in 2D Layered Antiferromagnets
09:20	20'+5'	Yu Ye Exciton Behavior in Magnetic Semiconductor CrSBr and Its Related Optoelectronic Devices
09:45	20'+5'	Yang Xu Interplay between Moiré Superlattices and Rydberg Excitons

Coffee Break: 10:10-10:40

Session B2: 10:40-11:55. Polariton Supersolid, Chairmen: Qihua Xiong

Time	Duration	Speaker & Title
10:40	20'+5'	Dario Gerace Theory of Polariton Condensation in Multi-Band Photonic Crystal Waveguides
11:05	20'+5'	Guillaume Malpuech Observation of a Supersolid Phase in a Spin-Orbit Coupled Exciton-Polariton Bose-Einstein Condensate
11:30	20'+5'	Daniele Sanvitto Quantum Fluids of Light: From Condensation to Emergent Supersolidity

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Session B3: Exciton Polaritons in TMDs 14:00-15:45. Chairmen: Guillaume Malpuech

Time	Duration	Speaker & Title
14:00	20'+5'	Tatiana V. Shubina Excitons and Exciton-Polaritons in Strained Nanostructures of Transition Metal Dichalcogenides
14:25	20'+5'	Shunping Zhang Plasmonic Nanocavity: Ultimate Field Enhancement for Plasmon-Exciton Coupling
14:50	20'+5'	Chenjiang Qian Exciton-Photon-Phonon Interactions in Hybrid 2D-Material Nanophotonic Cavities
15:15	13'+2'	Zheng Sun Quantum Dynamics of Polaron Polariton In a Doped MoSe ₂ Based Microcavity
15:30	13'+2'	Xin Li Van der Waals Exciton Polaritons with Linewidth Approaching Homogeneous Limit

Coffee Break: 15:45-16:15

Session B4: Excitons and Electrons in 2D system. 16:15-17:55. Chairmen: Shiwei Wu

Time	Duration	Speaker & Title
16:15	20'+5'	Mikhail Glazov Light-Assisted Exciton Propagation in 2D Semiconductors
16:40	13'+2'	Hongyi Yu Engineering Topological Exciton Structures in Two-Dimensional Semiconductors by a Periodic Electrostatic Potential
16:55	13'+2'	Qingjun Tong Non-Hermitian Theory of Valley Excitons in Two-Dimensional Semiconductors
17:10	13'+2'	M.A. Bastarrachea Magnani Ultra-Strong Trion Polaritons
17:25	13'+2'	Dmitry Efimkin Giant Resonant Skew Scattering of Plasmons in a Two-Dimensional Electron Gas
17:40	13'+2'	Dongxue Chen Excitonic Insulator in 2D Moiré Superlattices

Dinner: Buffet in Yifu building (1F, Boxue Cafe)

Friday, April 11th, Excursion, Poster session, and Beachfront Dinner

Excursion: One-Day Gulangyu (鼓浪屿) Island Tour

08:00 : Pick up from the square in front of Science and Art Center (conference venue)

09:50–10:10: Transfer to Xiamen International Cruise Center (Dongdu Pier) and take a 20-minute ferry ride to Gulangyu Island—a "Garden on the Sea," "Island of Pianos," and "International Architecture Exposition City."

10:10–10:40: Walk past historical landmarks such as the Japanese Consulate, British Consulate, Spanish Consulate, Catholic Church, and Union Church, which reflect Xiamen's multicultural heritage from its days as an international settlement. Listen to stories about the island's colonial-era villas and enjoy the occasional melodies of piano music drifting from old buildings. Take photos at the Catholic Church.

10:40 –11:10: Stroll through Longtou Street (Dragon Head Road). Explore its charming alleys, hunt for cats, discover hidden paths, admire scenery, delve into history, or savor local snacks.

11:10–12:10: Visit Shuzhuang Garden, a coastal villa garden built by an overseas Chinese family. The garden houses the Ancient Piano Museum (Asia's only one), showcasing 18th-century pianos and the history of piano culture in Gulangyu and beyond.

12:10: Enjoy a buffet lunch at Gulangyu Villa.

15:40: Take the 15:40 ferry back to Xiamen and conclude the delightful journey!

16:00: Take bus to Linjia Beachfront Restaurant.

16:15 -18:15: Poster Session (Drinks and Cookies)

18:30 -20:30: Dinner: Linjia Beachfront Restaurant

21:00: Take buses to on-campus hotels/X-Future hotel

Saturday, April 12th (Science and Arts center, 2F, Concert Hall)

Session1: Quantum Optics & Topological Polaritons 08:30-10:10. Chairmen: Ivan Savenko

Time	Duration	Speaker & Title
08:30	20'+5'	Xuehua Wang Artificial Room-temperature Quantum States
08:55	20'+5'	Sebastian Klemmt Topological Edge and Corner Modes in Polariton Lattices
09:20	20'+5'	Wenjing Liu Reconfigurable Topological Exciton Polaritons
09:45	20'+5'	Rui Su Polariton Spin Hall Effect in Perovskite Microcavities

Coffee Break: 10:10-10:40

Session2: Quantum Optics of 2D materials 10:40-11:45. Chairmen: Yu Ye

Time	Duration	Speaker & Title
10:40	20'+5'	Jun Zhang Spin-Charge-Lattice Interactions in 2D Magnets
11:05	20'+5'	Kaiqiang Lin Electric Tunable Multi-Valley van der Waals Quantum Wells
11:30	13'+2'	Yunan Gao Quadrupole Interlayer Excitons in WSe ₂ /MoSe ₂ /WSe ₂ Heterotrilayers

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Session3: Quantum Optics & Manybody Physics 14:00-15:35. Chairmen: Mikhail Glazov

Time	Duration	Speaker & Title
14:00	20'+5'	Pavlos Lagoudakis T.B.C
14:25	20'+5'	Ivan Savenko On the Light-Matter Coupling in 2D Superconducting Thin Films
14:50	13'+2'	Sergei V. Koniakhin Universal Condensation Threshold Dependence on Pump Beam Size for Exciton-Polaritons
15:05	13'+2'	Meng Sun Bogoliubov-Mediated Light Absorption Process in Multi-Component BEC
15:20	13'+2'	Sanja Djurdjic Mijin Towards the Use of Sound for Time-bin Encoding of Photonic Qubits for Secure Quantum Communication

Coffee Break: 15:35-16:05

Session4: Polariton Lattice 16:05-17:35. Chairmen: Sebastian Klemmt

Time	Duration	Speaker & Title
16:05	20'+5'	Michael Fraser Floquet Optical Lattices for Exciton-Polariton Condensates
16:30	20'+5'	Hai Son Nguyen Polaritonic Metasurface Based on Halide Perovskite
17:55	20'+5'	Xuekai Ma Polariton Mode Manipulation Near Non-Hermitian Exceptional Points
17:20	13'+2'	Feng Jin Topological Exciton-Polaritons in Halide Perovskite Microcavities

Dinner: Buffet in Yifu building (1F, Boxue Cafe)

Sunday, April 13th (Science and Arts center, 2F, Concert Hall)

Session1: 08:30-10:00. Quantum Optics and Manybody Physics Chairmen: Fabrice Laussy

Time	Duration	Speaker & Title
08:30	20'+5'	Fengcheng Wu Quantum Geometry Probed by Chiral Excitonic Optical Response of Chern Insulators
08:55	20'+5'	Qingdong Jiang Symmetry-Breaking Vacuum Quantum Light-Matter Interactions
09:20	20'+5'	Zhiyuan Sun Floquet Engineering of Many-Body States by the Ponderomotive Potential
09:45	13'+2'	Alberto Muñoz de las Heras Improving quantum metrology protocols with programmable photonic circuits

Coffee Break: 10:00-10:30

Session2: 10:30-11:30. Quantum Optics and Manybody Physics Chairmen: Dario Gerace

Time	Duration	Speaker & Title
10:30	13'+2'	Feng Li Wave Chaotic Dynamics in Optical Microcavities in Curved Space
10:45	13'+2'	Weihang Zhou Cavity-Enhanced Superfluorescence in Perovskite Microcavities
11:00	13'+2'	Huawen Xu Nonreciprocal Exciton Polariton Ring Lattices
11:15	13'+2'	Vladimir Al. Osipov Bi-Self-Trapping of Excitons via Long-Lived Phonon Modes and Their Superfluorescent Markers

Lunch: Buffet in Yifu building (1F, Boxue Cafe)

Session3: 14:00-15:00. Polaritons in Perovskite and Organics. Chairmen: Xuekai Ma

Time	Duration	Speaker & Title
14:00	13'+2'	Xiaoze Liu Versatile Exciton-Photon Coupling in Two-Dimensional Semiconductors
14:15	13'+2'	Jun Wang Exciton-polariton Vortex Lasing in Perovskite Kagome Lattices at Room Temperature
14:30	13'+2'	Emmanouil G. Mavrotsoukakis Topological Photonics in Anisotropic 2D Hybrid Perovskite Microcavities
14:45	13'+2'	Shaocong Hou Design Molecular and Hybrid Chiral Excitonic Materials

Coffee Break: 15:00-15:30

Session4: 15:30-17:15. Quantum Optics and Devices. Chairmen: Feng Li

Time	Duration	Speaker & Title
15:30	13'+2'	Nathan Seet Exciton-Polariton Dynamics with the Nonlinear Maxwell-Bloch Finite Difference Time-Domain (FDTD) Algorithm
15:45	13'+2'	Shula Chen Two-Dimensional Light-Emitting Devices towards On-Chip Photonics
16:00	13'+2'	Zhihui Chen Study on the regulation and mechanism of nonlinear optical second and third harmonics in low symmetry two-dimensional materials
16:15	13'+2'	Zu-En Su Continuous and deterministic all-photonic cluster state of indistinguishable photons
16:30	13'+2'	Muhammad Zubair Nawaz Next Generation Wearable Sensors for Real-Time Health Monitoring
16:45	13'+2'	Poster Awards, Closing & Annoucement of PLMCN2026

Dinner: Buffet in Yifu building (1F, Boxue Cafe)