

# Agenda of Sessions — Sunday, 29 July

14:00–18:00 Registration, AG206 of The Hong Kong Polytechnic University

Monday, 30 July

	Room S222	Room S223	Room S224	Room S225	Room S226	Room S227	Room S228
08:00–18:00	Registration, S221 Foyer of HKCEC						
08:30–10:00		Workshop 1: Artificial Intelligence in Photonics Session I	Workshop 2: Optical Microscopy and Super-Resolution Imaging Session I	Workshop 4: Advanced THz Devices and Systems Session I	Workshop 5: Photonic Quantum Computing Session I	Workshop 6: Topology and Novel Symmetry in Optics Session I	Workshop 9: Tailored Complex Optical Fields: From Twisted Light to Structured Light Session I
10:00–10:30	Coffee Break						
10:30–12:30		Workshop 1: Artificial Intelligence in Photonics Session II	Workshop 2: Optical Microscopy and Super-Resolution Imaging Session II	Workshop 4: Advanced THz Devices and Systems Session II	Workshop 5: Photonic Quantum Computing Session II	Workshop 6: Topology and Novel Symmetry in Optics Session II	Workshop 9: Tailored Complex Optical Fields: From Twisted Light to Structured Light Session II
12:30–14:00	Lunch						
14:00–15:30	Workshop 3: Advanced Laser Micro-Nanofabrication for Photonics Session I	Workshop 7: Optical Resonators: Fundamentals and Applications Session I	Workshop 8: Microstructured Optical Fibers and Applications Session I	Workshop 10: Visible Light Communications Session I	Workshop 11: Advanced Laser Display Session I	Workshop 12: Solar Energy Materials and Devices Session I	Workshop 9: Tailored Complex Optical Fields: From Twisted Light to Structured Light Session III
15:30–16:00	Coffee Break						
16:00–18:00	Workshop 3: Advanced Laser Micro-Nanofabrication for Photonics Session II	Workshop 7: Optical Resonators: Fundamentals and Applications Session II	Workshop 8: Microstructured Optical Fibers and Applications Session II	Workshop 10: Visible Light Communications Session II	Workshop 11: Advanced Laser Display Session II	Workshop 12: Solar Energy Materials and Devices Session II	Workshop 9: Tailored Complex Optical Fields: From Twisted Lights to Structured Light Session IV
18:30–20:00	Welcome Reception, Divino Patio, Shop 11, 1/F, Causeway Centre, No. 28 Harbour Road, Wanchai						

# Agenda of Sessions — Tuesday, 31 July

	Room S223	Room S224	Room S225	Room S226	Room S227	Room S228	Room S423	Room S424	Room S425	Room S426	Room S427	Room S428
08:00–18:00	Registration, S221 Foyer of HKCEC											
08:30–12:30	Tu1A • Plenary Session, Convention Hall, HKCEC											
12:30–14:00	Lunch											
14:00–15:30	Tu2A • Light Sources and Optical Fields	Tu2B • Mode-locked and Ultrafast Lasers	Tu2C • Infrared and Terahertz Metamaterials and Detectors	Tu2D • Time-frequency Signal Analysis and Processing	Tu2E • Special Fibers I	Tu2F • Novel Measurement Methods I	Tu2G • Quantum Optomechanics	Tu2H • Optical Filtering	Tu2I • High-Speed Optical Transmission	Tu2J • Advances in Plasmonics and Metamaterials	Tu2K • Biophotonics and Applications I	Tu2L • Fiber Devices & Sensing I
15:30–16:00	Coffee Break											
16:00–18:00	Tu3A • Ultrafast Fiber Laser Sources	Tu3B • Nonlinear Optical Sources	Tu3C • Infrared and Terahertz Microscopy and Nanoscopy and Their Applications	Tu3D • Nonlinear Wave Mixing and Applications	Tu3E • Waveguide Devices I	Tu3F • Novel Measurement Methods II	Tu3G • Atom-photon Interaction	Tu3H • Optical Microcavities	Tu3I • Fiber Technologies and Applications	Tu3J • Nonlinear Plasmonics and Metamaterials	Tu3K • Biophotonics and Applications II	Tu3L • Laser Applications and Technologies

# Agenda of Sessions — Wednesday, 1 August

	Room S223	Room S224	Room S225	Room S226	Room S227	Room S228	Room S423	Room S424	Room S425	Room S426	Room S427	Room S428
08:00–18:00	Registration, S221 Foyer of HKCEC											
08:30–10:00	W1A • Power Scaling of Lasers	W1B • Nonlinear Optics in Microresonators	W1C • Infrared Fibers & Materials and Their Applications (ends at 09:45)	W1D • Machine Learning and Neural Networks in Photonics	W1E • Laser Additive Manufacturing	W1F • Silicon Hybrid Integration	W1G • High Power Fiber Laser	W1H • Optical Metasurfaces I	W1I • Advanced Signal Modulation	W1J • Integrated Sources I	W1K • Biophotonics and Applications III	W1L • Integrated Microwave Photonics I
10:00–10:30	Coffee Break											
10:30–12:30	W2A • Advanced Laser Sources I	W2B • Nonlinear Dynamics in Waveguides and Harmonic Generation	W2C • Infrared Ultrafast Subcycle Subwavelength Photonics	W2D • Optical Signal Processing Based on Integrated Devices	W2E • Ultrafast Laser Machining and Processing	W2F • Optical Devices for Precision Measurements	W2G • Quantum Information Processing I	W2H • Optical Metasurfaces II	W2I • Fiber-Wireless Systems and PONs	W2J • Integrated Sources II	W2K • Biophotonics and Applications IV	W2L • Interferometers & Applications
12:30–14:00	Lunch											
14:00–15:30	W3A • Poster Session, S421, HKCEC											
15:30–16:00	Coffee Break 16:00–18:00											
W4A •	Advanced Light Sources II	W4B • Nonlinear Nanophotonics and Waveguides	W4C • Infrared and Terahertz Materials and Light Sources for High Performance Applications	W4D • Integrated Nanophotonic Devices	W4E • Fiber Devices I	W4F • Dual-comb Spectroscopy and its Applications	W4G • Holographic Technologies	W4H • Integrated Photonics	W4I • Optical Signal Characterization	W4J • Integrated Devices for Communications	W4K • Biophotonics and Applications V	W4L • Fiber Devices & Sensing II
18:00–22:00	Conference Reception and Banquet, Convention Hall, HKCEC											

# Agenda of Sessions — Thursday, 2 August

	Room S223	Room S224	Room S225	Room S226	Room S227	Room S228	Room S423	Room S424	Room S425	Room S426	Room S427	Room S428
08:00–18:00	Registration, S221 Foyer of HKCEC											
08:30–10:00	Th1A • Novel Laser Sources I	Th1B • Nonlinear Spectroscopy and Imaging	Th1C • Frequency Control and Measurement for Optical Metrology	Th1D • Quantum Information Processing II	Th1E • Fiber Devices II	Th1F • Metamaterials and Meta-devices	Th1G • 2D Nonlinear Materials	Th1H • Nanostructures for Optoelectronic Applications	Th1I • Probabilistic Signal Shaping	Th1J • Silicon Photonics Devices	Th1K • Display Technologies	Th1L • Waveguides and Sensors
10:00–10:30	Coffee Break											
10:30–12:30	Th2A • Novel Laser Sources II	Th2B • Solitons and Temporal Wave Guiding, and Frequency Comb	Th2C • Integrated Optical Devices for Switching Multiplexing and Signal Processing	Th2D • High Energy Laser	Th2E • Special Fibers II	Th2F • Plasmonics Metasurfaces (ends at 13:15)	Th2G • 2D Materials for Mode Locking and Nonlinear Photonics	Th2H • Light-matter Interactions in Micro/nano-structures	Th2I • Polarization Effects and Optical Networking	Th2J • Advanced Modulators	Th2K • Imaging Technologies	Th2L • Distributed Fiber Sensing
12:30–14:00	Lunch											
14:00–15:30	Th3A • Vectorial Light Sources	Th3B • High-field Technologies	Th3C • Germinum Modulators and Ge Photonics	Th3D • Power Scaling and Plasmonics	Th3E • Waveguide Devices II	Th3F • Integrated Microwave Photonics II	Th3G • Structured 2D Surfaces	Th3H • Entanglement and Squeezed States I	Th3I • Signal Processing for Optical Transmsision	Th3J • 2D and Metamaterial	Th3K • Microscopy	Th3L • Novel Fiber Structures
15:30–16:00	Coffee Break											
16:00–18:00	Th4A • Characteristics of shortpulse lasers	Th4B • Nonlinear Optical Technologies	Th4C • Novel Laser System and its Applications	Th4D • High Power CW Lasers and Coherent Combining	Th4E • Plasmon-enhanced Spectroscopies and Imaging	Th4F • Radio Over Fiber and Optical Wireless Communication	Th4G • 2D Photonics Devices	Th4H • Novel Photonic Structures	Th4I • Optical Access Technologies	Th4J • Entanglement and Squeezed States II	Th4K • Imaging and Applications	Th4L • Optical Fiber Gratings, Sensors & Technology
18:30–20:30	Post Deadline Papers, S421, HKCEC											

# Agenda of Sessions — Friday, 3 August

	Room S223	Room S224	Room S225	Room S226	Room S227	Room S228
08:00–18:00	Registration, S221 Foyer of HKCEC					
08:30–10:00	F1A • Mid infrared lightsource	F1B • Fiber Devices III	F1C • Emerging Technologies in Microwave Photonics	F1D • Entanglement and Squeezed States III	F1E • Optical Fiber Sensing & Microfluidics	F1F • Related Technologies and Applications for Imaging, Display and Storage
10:00–10:30	Coffee Break					
10:30–12:30	F2A • Laser Comb Technologies	F2B • Novel Plasmonics Nanostructures and Phenomena	F2C • Photonic Microwave Generation, Processing and Measurement	F2D • Optical Technologies for Communications	F2E • Laser Dynamics	F2F • Technologies and Approaches for Optical Transmission and Processing
12:30–14:00	Lunch					
14:00	Afternoon Tours					