

# Monday at a glance



GENERAL INFORMATION

	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
08:30						
09:00	CA-1 Visible Lasers	CB-1 Photonic Crystal and Membrane Lasers	CE-1 Photonic Structures	CF-1 Ultrashort Pulse Generation	CG-1 Ultrafast Dynamics in Solids	CK-1 Periodic Components
09:30						
10:00	CA-P CA Poster Session	CB-P CB Poster Session	CI-P CI Poster Session	JSV-P JSV Poster Session		
10:30						
11:00	PL-1 Welcome Words and World of Photonics Congress Plenary Talk by 2020 Nobel Prize Co-Laureate					
11:30						
12:00						
12:30						
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13:30						
14:00	EA-P EA Poster Session	EB-P EB Poster Session	EJ-P EJ Poster Session			
14:30						
15:00	CE-2 Semiconductor for Photonic Devices	CD-1 Nonlinear Metasurfaces	CA-2 2- $\mu$ m Lasers	CH-1 Gas Sensing	CJ-1 Coherent Beam Combining	CK-2 Novel Integrated Components
15:30						
16:00	PL-2 CLEO/Europe Plenary Talk					
16:30						
17:00						
17:30						
18:00	CC-1 THz Strong Field Applications	CL-1 Laser-Tissue Interactions and Surgery	EJ-1 Optical Computing and Artificial Intelligence	JSV-2 Flexible Photonic Devices	JSII-2 Applications of Strong THz Fields	ED-2 Optical Computing and Artificial Intelligence
18:30						
19:00						
19:30						
20:00						

Monday at a glance



	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12
08:30	EB-1	EC-1	JSI-1	JSII-1	ED-1	JSV-1
09:00	Quantum Networks	Band Topology I	Theory and Numerical Modeling for Nanophonics	Strong-field THz Generation	Precision Spectroscopy and Fundamental Metrology I	Flexible Photonic Materials and Integration
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14:30	CM1	JSIII-1	EF-1	EG-1	EH-1	CG-2
15:00	Laser Induced Periodic Surface Structures	Theoretical Perspectives in Attochemistry	Mode-Locking Phenomena	Emission Control at the Nanoscale	Extreme and Ultrafast Phenomena in Plasmonics and Metamaterials	Controlled and Intense XUV Light
15:30						
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17:30						
18:00	EB-2	CD-2	EI-1	JSIII-2	EF-2	CH-2
18:30	Integrated Devices and Memories	Solitons	Towards Applications and Perovskites	Experimental Progress in Attochemistry	Turbulence and Nonlinear Effects	Raman Spectroscopy
19:00						
19:30						
20:00						

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	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
08:30						
09:00	<b>PL-3</b> EQEC Plenary Talk and Award Ceremony					
09:30						
10:00						
10:30						
11:00	<b>EA-1</b>	<b>EB-3</b>	<b>CC-2</b>	<b>CL-2</b>	<b>EE-1</b>	<b>CK-3</b>
11:30	Waveguide-QED and Atom-light Interfaces	Photonic Quantum Computation	Nonlinear THz Spectroscopy and Techniques	Biological and Clinical Applications	Ultrafast Phenomena in Waveguides	Integrated Photonics Devices
12:00						
12:30						
13:00						
13:30	<b>CD-P</b>	<b>ED-P</b>				
14:00	CD Poster Session	ED Poster Session				
14:30	<b>SP-1</b>					
15:00	Herbert Walter Award & Wolfgang Peter Schleich Talk					
15:30						
16:00						
16:30	<b>ED-3</b>	<b>CD-4</b>	<b>CG-3</b>	<b>CA-3</b>	<b>EC-2</b>	<b>EI-2</b>
17:00	Precision Spectroscopy and Fundamental Metrology II	Microresonators	Ultrafast Spectroscopy	High-intensity and Nonlinear Systems	Nonlinear Topology	From Single Photons to Engineered Photonic Environments
17:30						
18:00						
18:30	<b>ED-4</b>	<b>EA-2</b>	<b>CG-4</b>	<b>CJ-2</b>	<b>CA-4</b>	<b>CD-5</b>
19:00	Frequency Standards and Miniaturized Comb Platforms	Cold Molecules	Chemical Reactions and Molecular Dynamics	Mode-locked Fiber Lasers above 2 Micron	Novel Laser Concepts	Supercontinuum Generation
19:30						
20:00						



	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12
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11:00						
11:30	<u>EH-2</u> New Perspectives in Metamaterials and Nanophotonics	<u>CI-1</u> Broadband Systems	<u>EJ-2</u> Nonlinear Optics Modeling	<u>CD-3</u> Microresonators and Waveguides	<u>CH-3</u> Advanced Optical Sensing Techniques	<u>CF-2</u> Ultrafast UV Sources
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17:00	<u>EH-3</u> Advanced Control of Light with Metasurfaces	<u>CB-2</u> High Power Semiconductor Lasers	<u>CE-3</u> Fabrication and Characterization Techniques	<u>CH-4</u> Fiber-based Sensors II	<u>EB-4</u> Nonclassical Light Sources	
17:30						
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18:30						
19:00	<u>CE-4</u> Luminescent Materials	<u>EB-5</u> Long-Range Distribution of Entanglement I	<u>EC-3</u> Bound States and High-order Topology	<u>CF-3</u> Nonlinear Pulse Propagation	<u>CH-5</u> Imaging in Scattering Media	<u>CC-3</u> High Power THz Sources
19:30						
20:00						

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	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
08:30						
09:00	JSI-2 Phononic Crystals and Acoustic Metamaterials	CA-5 Mid-infrared Lasers	CB-3 Technologies for LIDAR Applications	CC-4 Novel Approach THz Sources	CE-5 Micro and Nanostructures	CF-4 Ultrafast Lasers
09:30						
10:00						
10:30	CC-P CC Poster Session	CF-P CF Poster Session	CE-P CE Poster Session	JSII-P JSII Poster Session Metamaterials		
11:00						
11:30	CJ-4 Mode-locked Fiber Lasers	CH-6 On-chip Solutions for Optical Sensing	CF-5 Ultrashort Pulses in the mid-IR	CM-2 Semiconductor Processing	CB-4 Quantum Cascade Lasers	EG-3 Coupling at the Nanoscale II
12:00						
12:30						
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14:00	EC-P EC Poster Session	EH-P EH Poster Session	EI-P EI Poster Session	JSI-P JSI Poster Session Metamaterials	SP-2 Hot Topics: What's Next in Integrated Frequency Combs	
14:30						
15:00	CH-7 Microscopy and Imaging Sensors	CF-6 Ultrafast Mid-IR Sources	CM-3 Temporal and Spatial Beam Shaping for Laser Processing I	CB-5 Mid-infrared Semiconductor Lasers	EG-4 Nonlinear and Ultrafast Nano-optics	CE-7 Integrated Optoelectronic Devices
15:30						
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17:00	SH-1 Short Course 1: Ultrashort Pulse Characterization	SH-2 Short Course 2: High-power Fiber Lasers	SH-3 Short Course 3: Optical Parametric Oscillators	SH-4 Short Course 4: Laser Beam Analysis, Propagation, and Spatial Shaping	SH-5 Short Course 5: Practical Quantum Optics	SH-6 Short Course 6: Mid-infrared Semiconductor Lasers
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# Wednesday at a glance



	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12
08:30						
09:00	EG-2 Coupling at the Nanoscale I	EC-4 Band Topology II	CI-2 Digital Signal Processing	CJ-3 Multimode Nonlinear Fiber Optics and SC Generation	CD-6 Guided Wave Devices	SH-12 Short Course 12: Finite Element Modelling Methods for Photonics
09:30						
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11:00						
11:30	CE-6 Materials for Waveguides and Resonators	EA-3 Quantum Optomechanics and Detectors	EF-3 2D Transverse Dynamics and Quantum Effects	CA-6 High-Power Yb-lasers	EB-6 Long-Range Distribution of Entanglement II	
12:00						
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15:00	EA-4 Cavity-QED and Cold Gases	EF-4 Nonlinear Regimes in Optical Fibers	CA-7 Ultrafast Lasers	EB-7 Quantum Imaging and Interference	EI-3 Graphene Heterolayers	EJ-3 Tailored Light
15:30						
16:00						
16:30						
17:00	SH-7 Short Course 7: THz Measurements and their Applications	SH-8 Short Course 8: Nonlinear Crystal Optics	SH-9 Short Course 9: Frequency Combs Principles and Applications	SH-10 Short Course 10: Silicon Photonics	SH-11 Short Course 11: Optics in Graphene and other 2D Materials	
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	ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6
08:30	JSI-3	CG-5	CH-8	CB-6	CA-8	CM-4
09:00	Nanophononic and Optomechanical Systems. Radiative Heat Transfer Thermal Rectification	Symmetries in Ultrafast Science	Spectroscopy at the Molecular Level	Integration on Silicon	Laser Beam Control	Surface Engineering and Functionalisation
09:30						
10:00	CG-P	EE-P	EF-P			
10:30	CG Poster Session	EE Poster Session	EF Poster Session			
11:00						
11:30	CA-9	CB-7	CC-5	CD-7	CF-7	CI-3
12:00	Laser Materials	Short Wavelength Sources and Applications	THz Imaging	Tunable Light Sources	Nonlinear Spectral Broadening	Microwave Photonics
12:30						
13:00						
13:30						
14:00	CJ-P	CK-P	CL-P			
14:30	CJ Poster Session	CK Poster Session	CL Poster Session			
15:00	CL + ECBO JS	CH-9	CF-8	CM-5	EG-6	CE-10
15:30	Advances in Deep Tissue Imaging	Hyperspectral Imaging	Ultrashort Pulse Characterization	Temporal and Spatial Beam Shaping for Laser Processing II	Resonant Dielectric Nanostructures	Crystals, Glasses and Ceramics
16:00						
16:30						
17:00	CM-6	CD-9	CJ-6	CK-6	EC-6	CH-10
17:30	Joint Session CM with LiM	Nonlinear Applications at Extreme Wavelengths	Fiber Laser Components	3D Fabrication Techniques and Components	Topology in Driven-dissipative Systems	Optical Metrology
18:00						
18:30						
19:00	PD-1	PD-2				
19:30	CLEO/Europe Postdeadline Session	CLEO/Europe Postdeadline Session				
20:00						

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	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12
08:30						
09:00	CK-4 Silicon Photonics	EE-2 HHG in Condensed Matter	EF-5 Micro-combs in Microresonators	EH-4 Plasmonics for Enhanced Light-Matter Interaction	CE-8 Materials and Fabrication of Specialty Optical Fibers	EG-5 Light-driven Phenomena at the Nanoscale
09:30						
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11:30	CK-5 Beam Manipulation	EA-5 Quantum Light Sources	EB-8 Quantum Computation and Error Correction	EC-5 Emerging Trends in Topology	EF-6 Dissipative Solitons I	CE-9 Nonlinear and Meta-materials
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15:00	CJ-5 Pulsed Fiber Laser	EF-7 Symmetry Breaking, Geometrical and Topological Effects	CB-8 Semiconductor-based Frequency Combs	CD-8 Quantum Technologies	JSIV-1 Optical Computing I	EE-3 Ultrafast Molecular Dynamics
15:30						
16:00						
16:30						
17:00	EA-6 Polaritons and Quantum Fluids of Light	CL-3 Advanced Biological Microscopy	EE-4 Ultrafast Characterisation and Manipulation at Nanoscale	JSIV-2 Learning in Imaging and Metrology I	CB-9 Dynamics and Novel Concepts in Semiconductor Lasers	
17:30						
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08:30						
09:00	JSI-4 Optophononic and Optothermal Characterization and Techniques	CC-6 THz Devices and Communications	CG-6 Lasers and High-Order Harmonic Generation	CJ-7 Mid-IR Fiber Laser Sources and Components	EA-7 Quantum Interferences	EB-9 Quantum Tomography and State Estimation
09:30						
10:00	CH-P CH Poster Session	EG-P EG Poster Session	JSIV-P JSIV Poster session			
10:30						
11:00	CH-11 Quantum Sensing and Imaging	CI-4 Emerging Technologies for Telecommunications	CF-9 Sources for Dual Comb Spectroscopy	CM-8 Modelling and In-situ Diagnostics	CD-10 Nonlinear Spectroscopy and Microscopy	CL-4 Spectroscopy, Label-Free Imaging and Sensing
11:30						
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14:00	CM-P CM Poster Session					
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15:00	CD-11 All-optical Control and Wavelength Conversion	CL-5 Dynamic and Advanced Light Shaping	EH-6 Applications of Metamaterials and Metasurfaces	CJ-9 Speciality Fiber Lasers	CK-9 Novel Technologies and Materials for Micro-photonics	CC-8 THz QCL-combs and Imaging
15:30						
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16:30						
17:00	CD-12 Raman Amplification and Nonlinear Media	CJ-10 Fiber Optical Techniques and Applications	CK-10 Micro and Nano Resonators	CH-13 Temporally and Spatially Structured Beams and Microscopy	CI-5 Transmission Devices	JSIV-5 Learning Metasurfaces - Nanostructures – Spectroscopy
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	ROOM 7	ROOM 8	ROOM 9	ROOM 10	ROOM 11	ROOM 12
08:30	EF-8	CK-7	EG-7	EI-4	CM-7	
09:00	Dissipative Solitons II	Photonic Crystals	Electron-light Interactions	Many Body States and Non-linear Dynamics	Surface and Volume Processing	
09:30						
10:00						
10:30						
11:00	CJ-8	CK-8	EE-5	EH-5	CC-7	JSIV-3
11:30	Power Fiber Lasers	Non-Linear Integrated Photonics	Novel Ultrafast Sources	Hybrid, Tunable and Nonlinear Metasurfaces	THz QCL	Optical Computing II
12:00						
12:30						
13:00						
13:30						
14:00						
14:30	JSIV-4	CH-12	CG-7			
15:00	Learning in Imaging and Metrology II	Fiber-based Sensors I	High-Repetition XUV and X-ray Sources			
15:30						
16:00						
16:30	CM-9	CF-10				
17:00	3D Laser Structuring of Transparent Materials	Strong Field and Ultrafast Phenomena				
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