

Sunday, July 31

**Registration
3:00 PM - 6:00 PM**

Monday, August 1

9:00 AM - 11:30 AM Plenary Session 1 (Main Hall)

Lunch

Mid-sized Hall A	Mid-sized Hall B	Small Hall	Room 104&105	Room 201&202	Room 206	Room 207	Conference Hall (Oval Room)	Room 107&108	Room 204
1:30 PM - 3:00 PM [CMP15A] New Technology	1:30 PM - 3:00 PM [CMP3A] THz Biology and Imaging	1:30 PM - 3:00 PM [CMP4A] High Power, High Energy Lasers I	1:30 PM - 3:00 PM [CMP11A] QD Devices and Crystal Growth Technology	2:00 PM - 3:00 PM [CMP9A] High Capacity Optical Transport I	1:30 PM - 3:00 PM [CMP14A] 2D and Nanocarbon Materials I	1:30 PM - 2:45 PM [CMP18A] THz Transmission System	1:30 PM - 2:30 PM [CMP2A] Ultrafast Measurement and Control	1:30 PM - 1:40 PM [ISOM-OP] Opening Remark 1:40 PM - 2:15 PM [IMPA] Keynote 2:15 PM - 3:00 PM [IMPB] Holography I	1:30 PM - 3:00 PM [CMP16A] Metamaterial Devices
Coffee Break									
4:00 PM - 5:00 PM [CMP15B] Hardware and System	3:30 PM - 5:30 PM [CMP3B] THz Source and Device	3:30 PM - 4:45 PM [CMP4B] High Power, High Energy Lasers II	3:30 PM - 5:15 PM [CMP11B] III/V Waveguide Devices	3:30 PM - 4:15 PM [CMP9B] Optical Transmission in Various Media	3:30 PM - 5:30 PM [CMP14B] 2D and Nanocarbon Materials II	3:30 PM - 5:30 PM [CMP18B] Devices and Subsystems for Microwave Photonics	3:30 PM - 4:15 PM [CMP2B] Strong Field Phenomena	3:30 PM - 4:45 PM [IMPC] Special Session: Biological Application 4:45 PM - 5:45 PM [IMPD] Imaging I	3:30 PM - 4:45 PM [CMP16B] Fabrication Technologies for Plasmonics and Metamaterials
Main Hall									
6:00 PM - 8:00 PM Poster Session [P-CM2] [P-CM3] [P-CM9] [P-CM11] [P-CM15] [P-CM16] [P-CM18]									

Tuesday, August 2

Mid-sized Hall A	Mid-sized Hall B	Small Hall	Room 104&105	Room 201&202	Room 206	Room 207	Conference Hall (Oval Room)	Room 107&108	Room 204
9:00 AM - 10:30 AM [CTuA7A] Single Photon Sources		9:30 AM - 10:30 AM [CTuA16C] Plasmonics and Metamaterials for Sensing Applications	9:00 AM - 10:30 AM [CTuA11C] Thin-film LN and AlN Devices	9:00 AM - 10:15 AM [CTuA15C] Photothermal and Optical Force	9:00 AM - 10:30 AM [CTuA14C] 2D and Nanocarbon Materials III	9:30 AM - 10:30 AM [CTuA9C] Electrical Nonlinear Equalization	9:00 AM - 10:30 AM [CTuA1A] MIR Lasers	9:00 AM - 10:30 AM [ITuAE] Imaging II	10:00 AM - 10:30 AM [CTuA2C] Ultrafast Spectroscopy and Coherent Control I
Coffee Break									
	11:00 AM - 11:45 AM [CTuA18C] Microwave Signal Generation	11:00 AM - 12:00 PM [CTuA16D] Optical Trapping and Photon Manipulation	11:00 AM - 12:00 PM [CTuA11D] Silicon Photonics	11:00 AM - 12:00 PM [CTuA15D] Scattering and Diffuse Reflectance		11:00 AM - 12:00 PM [CTuA9D] Space Division Multiplexing	11:00 AM - 12:00 PM [CTuA1B] Soliton Fiber Lasers	11:00 AM - 11:45 AM [ITuAF] Optical Memory	11:00 AM - 12:00 PM [CTuA2D] Ultrafast Spectroscopy and Coherent Control II
Lunch									
1:30 PM - 3:00 PM [CTuP7B] Novel Quantum Systems	1:30 PM - 3:00 PM [CTuP1C] High Power Fiber Amplifier	1:30 PM - 3:00 PM [CTuP16E] Metamaterial Absorber and Thermal Devices	1:30 PM - 3:00 PM [CTuP11E] Novel Light-emitting and Detection Devices	1:30 PM - 2:45 PM [CTuP3C] THz Spectroscopy	1:30 PM - 3:00 PM [CTuP5A] Beam Manipulation and Applications	2:00 PM - 3:00 PM [CTuP9E] High Capacity Optical Transport II	1:30 PM - 2:45 PM [CTuP8A] Emission from Atoms, Quantum Wells, and Quantum Dots	1:30 PM - 2:00 PM [ITuPG] Special Invited 2:00 PM - 3:00 PM [ITuPH] Metamaterial	1:45 PM - 3:00 PM [CTuP6A] Chip-Scale Comb Sources
Coffee Break									
3:30 PM - 5:30 PM [CTuP7C] Quantum Optics with Atoms	3:30 PM - 5:15 PM [CTuP1D] Fiber Lasers	3:30 PM - 4:00 PM [CTuP16F] THz Technologies	3:30 PM - 5:00 PM [CTuP11F] Novel Semiconductor Lasers	3:30 PM - 5:15 PM [CTuP3D] THz Detection, Sensing, and Manipulation	3:30 PM - 5:00 PM [CTuP5B] 3D and Volume Processing	3:30 PM - 5:00 PM [CTuP9F] Novel Concepts and Fundamentals	4:00 PM - 5:30 PM [CTuP8B] 2D Materials in Nanophotonics and Non-Hermitian Nanophotonics	3:30 PM - 5:15 PM [ITuPI] Holography II 5:15 PM - 5:45 PM [ITuPJ] Optical Information	3:30 PM - 5:30 PM [CTuP6B] MIR and THz Comb
Main Hall									
		6:00 PM - 8:00 PM [CTuW1] 1. Photonics in the fight against COVID-19	6:00 PM - 8:00 PM Poster Session [P-CTu4] [P-CTu8] [P-CTu10] [P-CTu12] [P-CTu14] [P-CTu17]			6:00 PM - 8:00 PM Poster Session [P-ITu] [P-IPDP]	6:00 PM - 8:45 PM [CTuW2] 3. State-of-the-Art to Next-Era LiDAR Technologies		

Wednesday, August 3

9:00 AM - 11:30 AM Plenary Session 2 (Main Hall)

Lunch

Mid-sized Hall A	Mid-sized Hall B	Small Hall	Room 104&105	Room 201&202	Room 206	Room 207	Conference Hall (Oval Room)	Room 107&108	Room 204
1:30 PM - 3:00 PM [CWP2E] Ultrashort Pulse Generation and Nonlinear Propagation I	1:30 PM - 3:00 PM [CWP16G] Theory and Fundamentals	1:30 PM - 3:00 PM [CWP17A] Session of Excellent Papers in Sensors and Systems	1:30 PM - 2:45 PM [CWP12A] Silicon Photonics Devices for Communications	1:30 PM - 3:00 PM [CWP19A] X-ray Lasers and Their Applications I	1:30 PM - 3:00 PM [CWP10A] Fiber Lasers and Amplifier Devices	1:30 PM - 3:00 PM [CWP13A] Optical Signal Processing for FSO and Sensing	1:30 PM - 3:10 PM [IWPK/OWP] ISOM/ODF Joint Session: Advanced Imaging Technologies		2:00 PM - 3:00 PM [CWP4C] High Power, High Energy Lasers III
Coffee Break									
3:30 PM - 5:15 PM [CWP2F] Ultrashort Pulse Generation and Nonlinear Propagation II	4:00 PM - 5:00 PM [CWP16H] Photon Emission Devices and Related Technologies	3:30 PM - 5:15 PM [CWP17B] Fiber-based Sensors and Systems	4:00 PM - 5:00 PM [CWP12B] Hybrid Material Integration for Silicon Photonics I	3:30 PM - 4:30 PM [CWP19B] X-ray Lasers and Their Applications II	3:30 PM - 5:30 PM [CWP10B] Passive and Active Waveguide Devices		3:30 PM - 5:05 PM [OWP1A] Optical Design/Simulation/Fabrication I	3:30 PM - 4:30 PM [IWPJ] Bio-Imaging 4:30 PM - 5:15 PM [IPDP] Post Deadline 5:15 PM - 5:30 PM [ISOM-CL] Award & Closing	

6:30 PM - 8:30 PM Banquet (Sapporo Park Hotel)

Thursday, August 4

8:15 AM - 8:45 AM Plenary Session 3 (Conference Hall (Oval Room))

Mid-sized Hall A	Mid-sized Hall B	Small Hall	Room 104&105	Room 201&202	Room 206	Room 207	Conference Hall (Oval Room)	Room 107&108	Room 204
9:30 AM - 10:30 AM [CThA2G] Attosecond Science and Technology I	9:00 AM - 10:30 AM [CThA1E] Wavelength Conversion and Laser Devices	9:00 AM - 10:30 AM [CThA8C] High-Q Microresonators and Their Applications	9:00 AM - 10:15 AM [CThA17C] LIDAR and Remote Sensing	9:00 AM - 10:45 AM [CThA13B] Photonic Computing I	9:00 AM - 10:30 AM [CThA10C] Fiber Nonlinearity and Devices	9:00 AM - 10:30 AM [CThA15E] Raman Imaging	8:50 AM - 10:40 AM [OThA1B] Optical Design/Simulation/Fabrication II	9:00 AM - 10:30 AM [CThA7D] Solid State Photonic Quantum Systems	9:00 AM - 10:30 AM [CThA6C] Comb Metrology I
Coffee Break									
11:00 AM - 12:00 PM [CThA2H] High Harmonic Generation in Condensed Matters	11:00 AM - 12:00 PM [CThA1F] Tutorial - Diamond Lasers -	11:00 AM - 12:00 PM [CThA8D] Topological Photonics I	11:00 AM - 12:00 PM [CThA17D] Micro/Nano Optical Sensors			11:00 AM - 12:00 PM [CThA15F] Localization	11:00 AM - 12:10 PM [OThA4A] New Technologies I	11:00 AM - 12:00 PM [CThA7E] Quantum Communication and Quantum Information Processing	11:00 AM - 12:00 PM [CThA6D] Comb Metrology II
Lunch									
1:30 PM - 3:00 PM [CThP2I] Attosecond Science and Technology II	1:30 PM - 3:00 PM [CThP1G] Diamond and Novel Lasers	1:30 PM - 3:00 PM [CThP8E] Plasmonics	1:30 PM - 3:00 PM [CThP17E] Biomedical Sensors and Systems I	2:00 PM - 3:00 PM [CThP12C] New Applications of Silicon Photonics	1:30 PM - 3:00 PM [CThP5C] Material Synthesis and Deposition	1:30 PM - 2:30 PM [CThP13C] Optical Signal Processing for Communication	1:30 PM - 3:05 PM [OThP4B] New Technologies II	2:00 PM - 3:00 PM [CThP7F] Generation and Measurement of Quantum States I	1:45 PM - 3:00 PM [CThP6E] Comb Metrology III
Coffee Break									
3:30 PM - 5:30 PM [CThP2J] Emerging Attosecond Science	3:30 PM - 5:30 PM [CThP1H] Solid State and Vortex Lasers	3:30 PM - 5:30 PM [CThP8F] Si and SiN Photonics	3:30 PM - 5:30 PM [CThP17F] Biomedical Sensors and Systems II	3:30 PM - 5:30 PM [CThP12D] Hybrid Material Integration for Silicon Photonics II	3:30 PM - 5:15 PM [CThP5D] Surface Micromachining and Nanostructuring	4:00 PM - 5:15 PM [CThP13D] Photonic Computing II	3:30 PM - 5:10 PM [OThP2A] Optical Components/Devices I	3:30 PM - 4:45 PM [CThP7G] Generation and Measurement of Quantum States II	3:30 PM - 5:15 PM [CThP6F] Advanced Comb Sources and Applications
Main Hall									
		6:00 PM - 8:00 PM [CThW3] 2. Photonics in the Quantum Era	6:00 PM - 8:00 PM Poster Session [P-CTh1] [P-CTh5] [P-CTh6] [P-CTh7] [P-CTh13]			6:00 PM - 8:00 PM Poster Session [P-Oth]	6:00 PM - 8:00 PM [CThW4] 4. Perovskite Photonics		

Friday, August 5

Mid-sized Hall A	Mid-sized Hall B	Small Hall	Room 104&105	Room 201&202	Room 206	Room 207	Conference Hall (Oval Room)	Room 107&108	Room 204
9:30 AM - 10:30 AM [CFA7H] Quantum Optics and Information Theory	9:15 AM - 10:30 AM [CFA1I] Ultrafast Lasers and Frequency Combs	9:15 AM - 10:30 AM [CFA8G] Metasurface, Radiation Control, and Quantum Dots	9:15 AM - 10:15 AM [CFA17G] Interferometric Sensing				8:30 AM - 9:25 AM [OFA2B] Optical Components/Devices II 9:35 AM - 10:30 AM [OFA2C] Optical Components/Devices III	9:00 AM - 10:15 AM [CFA12E] Advanced Designs of Silicon Photonics Devices	9:00 AM - 10:30 AM [CFA6G] Precision Clock and Network
Coffee Break									
11:00 AM - 12:00 PM [CFA7I] Quantum Frequency Conversion	11:00 AM - 12:00 PM [CFA1J] Ultra-high Rep Lasers and Frequency Comb	11:00 AM - 11:45 AM [CFA8H] Topological Photonics II	11:00 AM - 11:45 AM [CFA17H] Spectroscopy Sensors and Systems				11:00 AM - 12:25 PM [OFA3A] Optical Systems I	11:00 AM - 12:00 PM [CFA12F] Novel Functional Silicon Photonics Devices	11:00 AM - 12:00 PM [CFA6H] Highly Sensitive Quantum Sensing
Lunch									
		1:30 PM - 3:00 PM [CFP8I] Photonic Crystal Waveguide Devices					1:30 PM - 3:05 PM [OFP3B] Optical Systems II		1:45 PM - 3:00 PM [CFP6I] Ultrafast and Highly Nonlinear Metrology
Coffee Break									
		3:30 PM - 5:00 PM [CFP8J] Nano Laser, Optical Trapping, and Chiral Photonics					3:30 PM - 4:45 PM [OFPSSA] Special Session "Optics for Life Sciences" I 4:55 PM - 5:45 PM [OFPSSB] Special Session "Optics for Life Sciences" II 5:45 PM - 6:15 PM [ODF-CL] Closing		3:30 PM - 4:45 PM [CFP6J] Applied Metrology and Sensing

	Plenary		CLEO-PR2022		ISOM '22
	ODF '22		Workshop		Joint Session