

Agenda of Sessions — Monday, 22 June

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 6	Virtual Room 1	Virtual Room 5	Virtual Room 7	Virtual Room 2	Virtual Room 8
	LACSEA	SENSORS	ES	pcAOP	SENSORS	AIS
08:00–10:00 (PDT)	LM1A • Explosive and Nuclear Debris Diagnostics	SM1B • Laser I	EM1C • Frequency Comb Sensing	PM1D • Beam Propagation: Experiments	SM1E • Compact/Wearable Chemical and Biological Sensors I	AM1F • Measurements in Manufacturing (ends at 09:30)
10:00–10:30 (PDT)	Break					
10:30–12:30 (PDT)	LM2A • Ultra-fast Techniques and High-speed Imaging I	SM2B • Laser II	EM2C • Frequency Combs and Hyper-spectral Sensing	PM2D • Beam Propagation: Theory	SM2E • Optical Fiber Sensors (starts at 10:45, ends at 12:15)	JM2F • Environmental Monitoring (Joint AIS and ES)
12:30–14:00 (PDT)	Break					
14:00–16:00 (PDT)	LM3A • Novel Techniques and Special Applications I	SM3B • Nanophotonic Biosensors I	EM3C • Monitoring Fugitive Methane (ends at 15:30)	PM3D • Beam Propagation: Simulations (ends at 15:30)	SM3E • THz Sensing I	AM3F • Spectroscopic Analysis in Harsh Environments
16:00–16:30 (PDT)	Break					
16:30–18:30 (PDT)	LM4A • Remote Environmental Sensing	SM4B • Nanophotonic Biosensors II (ends at 18:00)	EM4C • On-chip Sensors	PM4D • Imaging through Turbulence	SM4E • THz Sensing II (ends at 18:15)	AM4F • Measurements in the Extraction Industries
18:30–19:30 (PDT)	Women of Imaging and Sensing Meet and Greet (Virtual Room 9)					

Key to Conference Abbreviations

3D	3D Image Acquisition and Display: Technology, Perception and Applications
AIS	Applied Industrial Spectroscopy
AO	Adaptive Optics: Methods, Analysis and Applications
COSI	Computational Optical Sensing and Imaging
DH	Digital Holography and Three-dimensional Imaging
ES	Optics and Photonics for Sensing the Environment
IS	Imaging Systems and Applications
LACSEA	Laser Applications to Chemical, Security and Environmental Analysis
pcAOP	Propagation Through and Characterization of Atmospheric and Oceanic Phenomena
SENSORS	Optical Sensors

Agenda of Sessions — Tuesday, 23 June

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 4	Virtual Room 1	Virtual Room 6	Virtual Room 2	Virtual Room 5	Virtual Room 7	Virtual Room 9	Virtual Room 8
	COSI	DH	LACSEA	SENSORS	ES	pcAOP	IS	AIS
07:10–07:30 (PDT)	Volunteer Engagement I – OSA Technical Groups (<i>Virtual Room 3</i>)							
07:45–09:30 (PDT)	JTu1A • Introductory Remarks and Plenary Session I (Sensing Congress) (<i>Virtual Room 10</i>)							
09:30–11:00 (PDT)	JTu2A • Joint Poster Session I (<i>Virtual Room 11</i>)							
11:00–12:30 (PDT)	CTu3A • Imaging in Scattering Media I	HTu3B • Phase Retrieval Methods	LTu3C • Atmospheric and Environmental Sensing Development and Application I	STu3D • Nanophotonics	ETu3E • Towards Low Cost LIDAR (Joint ES and Sensors)		ITu3G • Biomedical and Chemical Sensors (starts at 11:30)	ATu3I • Mobile and Compact Solutions (starts at 11:30)
12:30–14:00 (PDT)	Break Career Lab: Developing Profitable Technology Products 12:45–13:45 (<i>Virtual Room 3</i>)							
14:00–16:00 (PDT)	JTu4A • Holography Methods for Imaging (Joint COSI with DH)	HTu4B • Learning-based Approaches in Digital Holography I	LTu4C • Ultrafast Techniques and High-speed Imaging II	STu4D • Optical Fiber Sensors for Harsh Environment I	ETu4E • Wind and Aerosol LIDAR (Joint ES and Sensors) (ends at 15:45)	PTu4F • Atmospheric Studies (ends at 15:45)	ITu4G • Ultrafast/Hyperspectral Imaging	ATu4I • Bridging from Data to Information
16:00–16:30 (PDT)	Break							
16:30–18:00 (PDT)	CTu5A • Imaging in Scattering Media II	HTu5B • Learning-based Approaches in Digital Holography II	LTu5C • Diagnostics for Reactors, Shock Tubes and Cells (starts at 17:00)	STu5D • Optical Fiber Sensors for Harsh Environment II		JTu5F • Atmospheric Scattering: LIDAR and Passive Sensors (Joint ES and pcAOP)	ITu5G • Novel Imaging (Sensors)	ATu5I • Industrial Applications of Mobile and Compact Spectroscopic Solutions

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Agenda of Sessions — Wednesday, 24 June

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 1	Virtual Room 4	Virtual Room 3	Virtual Room 9	Virtual Room 6	Virtual Room 2	Virtual Room 7	Virtual Room 5	Virtual Room 8
	3D	COSI	DH	IS	LACSEA	SENSORS	pcAOP	ES	AIS
07:10–07:30 (PDT)	Volunteer Engagement II – OSA Meetings (Virtual Room 10)								
08:00–09:30 (PDT)	DW1A • Integral Imaging Systems	CW1B • Super-resolution	HW1C • Digital Holographic Techniques for Bio-imaging I	IW1D • Neuromorphic and Metamorphic Cameras (starts at 08:30)	LW1E • Plasma and Combustion Diagnostics	SW1F • Force, Pressure and Vibration Sensing	JW1G • Turbulence and AO I (Joint pcAOP and AO)	EW1H • Compact Sensors	AW1I • Agriphotonics: Assessing Food Quality and Safety with Spectroscopy
09:30–11:00 (PDT)	JW2A • Joint Poster Session II (Virtual Room 11)								
11:00–12:30 (PDT)	DW3A • 3D Display Systems I	CW3B • Pupil Engineering	HW3C • Digital Holographic Techniques for Bio-imaging II	IW3D • LIDAR/ Remote Sensing	LW3E • Atmospheric and Environmental Sensing Development and Application II	SW3F • Sensors I	JW3G • Turbulence and AO II (Joint pcAOP and AO)	EW3H • Sensing in Aqueous Environment	AW3I • Agriphotonics: Empowering Farms with Spectroscopic Tools (ends at 12:00)
12:30–14:00 (PDT)	Break								
14:00–16:00 (PDT)	JW4A • Design and Optimization in 3D Sensing and Imaging Systems (Joint COSI and 3D) (ends at 15:30)	CW4B • Compressive Imaging (ends at 15:45)	HW4C • Digital Holographic Techniques for Bio-imaging III	JW4D • Computational Imaging (Joint COSI and IS)	LW4E • Combustion and Flow Diagnostics I	SW4F • Sensors II (ends at 14:45)	JW4G • Turbulence and AO III (Joint pcAOP and AO)	EW4H • Mid-IR Lasers and Sensors	AW4I • Agriphotonics: Developing Technologies to go from the Lab to the Farm (Joint AIS and ES) (ends at 15:15)
16:00–16:30 (PDT)	Break								
16:30–18:30 (PDT)	JW5A • Joint Postdeadline Papers (Virtual Room 3)			JW5B • Joint Postdeadline Papers (Virtual Room 4)			JW5C • Joint Postdeadline Papers (Virtual Room 5)		
19:00–20:00 (PDT)	Illumicon 19:00–20:00 (Virtual Room 10)								

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Agenda of Sessions — Thursday, 25 June

Technical Sessions are hyperlinked. Click the session title to access the appropriate virtual room.

	Virtual Room 1	Virtual Room 5	Virtual Room 4	Virtual Room 3	Virtual Room 9	Virtual Room 6	Virtual Room 2	Virtual Room 7
	3D	AO	COSI	DH	IS	LACSEA	SENSORS	DH
07:10–07:30 (PDT)	Volunteer Engagement III – OSA Publishing (Virtual Room 8)							
07:45–09:30 (PDT)	JTh1A • Introductory Remarks and Plenary Session II (Imaging Congress) (Virtual Room 10)							
09:30–11:00 (PDT)	JTh2A • Joint Poster Session III (Virtual Room 11)							
11:00–12:30 (PDT)	DTh3A • Three-dimensional Sensing and Imaging Systems (ends at 12:00)	OTh3B • Adaptive Optics for the Eye I	CTh3C • Unconventional Imaging	JTh3D • Methods for Three-dimensional Imaging I (Joint DH and 3D) (ends at 12:15)	ITh3E • Image Processing and Analysis	LTh3F • Atmospheric and Environmental Sensing Development and Application III	STh3G • Distributed and Multiplexed Optical Fiber Sensors	HTh3H • Applications of Digital Holography I
12:30–14:00 (PDT)	Break							
14:00–16:00 (PDT)	DTh4A • 3D Display Systems II (ends at 15:30)	OTh4B • Microscopy and Imaging I	CTh4C • Image Science Methods and Analysis	JTh4D • Methods for Three-dimensional Imaging II (Joint DH and 3D) (ends at 15:45)	ITh4E • Imaging and Display Optics I	LTh4F • Novel Techniques and Special Applications II	STh4G • Compact/Wearable Chemical and Biological Sensors II	HTh4H • Applications of Digital Holography II
16:00–16:30 (PDT)	Break							
16:30–18:00 (PDT)	DTh5A • Devices and Hardware for 3D Systems	OTh5B • Adaptive Optics for the Eye II	CTh5C • Non-Line-of-Sight Imaging	HTh5D • Signal Processing in Digital Holomicroscopy	ITh5E • Imaging and Display Optics II	LTh5F • Combustion and Flow Diagnostics II	STh5G • Optical Fiber Biological and Chemical Sensing (ends at 17:30)	HTh5H • Applications of Digital Holography III (ends at 17:45)
18:00–19:00 (PDT)	Student and Early Career Professional Happy Hour (Virtual Room 8)							

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Agenda of Sessions — Friday, 26 June

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	Virtual Room 1	Virtual Room 5	Virtual Room 4	Virtual Room 2	Virtual Room 9	Virtual Room 7	Virtual Room 3
	3D	AO	COSI	DH	IS	COSI	DH
08:00–10:00 (PDT)	DF1A • Materials and Devices for 3D Imaging (ends at 09:30)	OF1B • Adaptive Optics Systems and Industrial Innovations	CF1C • Wavefront Engineering and Optical Processing	HF1D • Computer Generated Holograms	JF1E • Biophotonics I (Joint COSI and IS) (ends at 09:45)		HF1G • Tomographic Methods and Imaging (ends at 09:45)
10:00–10:30 (PDT)	Break						
10:30–12:30 (PDT)	DF2A • 3D Sensing, Imaging, and Processing I (ends at 11:30)	OF2B • Microscopy and Imaging II	CF2C • Ptychography, Phase Retrieval, Lensless Imaging (ends at 12:15)	HF2D • Contemporary Topics in Digital Holography I	IF2E • OCT and Tissue Imaging (starts at 11:00)	JF2F • Infrared, Spectral, Polarization Imaging (Joint COSI and IS)	HF2G • Methods for Digital Holographic Recording and Reconstruction I
12:30–14:00 (PDT)	Break						
14:00–16:00 (PDT)	DF3A • 3D Sensing, Imaging, and Processing II (ends at 15:30)	OF3B • Wavefront Control and Industrial Innovations	CF3C • Biomedical Imaging (ends at 15:45)	HF3D • Contemporary Topics in Digital Holography II	IF3E • Microscopy (ends at 15:45)		HF3G • Methods for Digital Holographic Recording and Reconstruction II
16:00–16:30 (PDT)	Break						
16:30–18:00 (PDT)	DF4A • 3D Sensing, Imaging, and Processing III	OF4B • Wavefront Sensing and Control (ends at 18:15)	CF4C • Microscopy and Polarimetry	HF4D • 3D Holographic Display Systems	JF4E • Biophotonics II (Joint COSI and IS) (starts at 17:00)		HF4G • Methods for Digital Holographic Recording and Reconstruction III

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