

# Agenda of Sessions — Sunday, 23 April

07:00–19:00	<b>SpE1 • IONS+ Vancouver, Georgia B</b>
07:30–08:00	<b>Conference Opening Coffee Break, Regency Foyer</b>
14:30–16:30	<b>Registration, Regency Foyer</b>
19:00–20:00	<b>SpE5 • Women in Optics Reception, Mosaic Bar</b>

**Note: Times listed are Pacific Time (UTC – 07:00)**

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# Agenda of Sessions — Monday, 24 April

Times listed are Pacific Time (UTC – 07:00)	Regency A	Regency B	Regency D	Regency E	Regency F
	BODA	BRAIN	NTM	OMA	OMP
07:00–18:00	Registration, <i>Regency Foyer</i>				
07:30–08:00	Congress Opening Coffee Break, <i>Regency Foyer</i>				
08:00–10:00	JM1A • Joint Plenary Session, <i>Regency Ballrooms DEF</i>				
10:00–10:30	Exhibit Hall and Coffee Break, <i>Regency Foyer</i> (Coffee break brought to you by American Elements and Light Conversion-USA)				
10:30–12:30	DM2A • Novel Devices and Optical Design	BM2B • Functional Near Infrared Spectroscopy	NM2C • Confocal and Multiphoton Techniques (ends at 12:45)	AM2D • Biological Applications	OM2E • Imaging and Sensing of Biomolecular Processes and Pathways
12:30–14:00	Lunch Break (on own)				
14:00–16:00	DM3A • Computational Methods in Bio-Optics	BM3B • Miniature Microscopes (begins at 13:45)	NM3C • Light Sheet and Structured Illumination Microscopy	AM3D • Plasmonic and Thermophoretic Tweezers	OM3E • Preclinical Fluorescence-Guided Surgery
16:00–16:30	Exhibit Hall and Coffee Break, <i>Regency Foyer</i> (Coffee break brought to you by American Elements and Light Conversion-USA)				
16:30–18:30	DM4A • Optical Imaging for Cancer Detection	BM4B • Fluorescent Probes and Optogenetics I: Engineering and Applications	NM4C • Localization Techniques and in vivo Multiphoton	AM4D • Stochastic Thermodynamics and Active Matter	OM4E • Advanced Optical Molecular Imaging Instrumentation and Methods
18:30–20:00	Conference Reception, <i>34th Floor</i>				

## Key to Conference Abbreviations

BODA	Bio-Optics: Design and Application
BRAIN	Optics and the Brain
NTM	Novel Techniques in Microscopy
OMA	Optical Manipulation and Its Applications
OMP	Optical Molecular Probes, Imaging and Drug Delivery

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# Agenda of Sessions — Tuesday, 25 April

Times listed are Pacific Time (UTC – 07:00)	Regency A	Regency B	Regency D	Regency E	Regency F
	BODA	BRAIN	NTM	OMA	OMP
07:30–16:30	<b>Registration, Regency Foyer</b>				
08:00–10:00	<b>DTu1A • Clinical Applications</b>	<b>BTu1B • Neuronal Population Imaging and Behavior</b>	<b>NTu1C • Computational Techniques for Microscopy</b>	<b>ATu1D • Nanoscale Applications</b>	<b>OTu1E • Multimodal Molecular Imaging Techniques</b>
10:00–10:30	<b>Exhibit Hall and Coffee Break, Regency Foyer</b> <i>(Coffee break brought to you by American Elements and Light Conversion-USA)</i>				
10:30–12:30	<b>DTu2A • Novel Microscopy Techniques</b>	<b>BTu2B • Fluorescent Probes and Optogenetics II: Engineering and Applications</b> <i>(ends at 12:45)</i>	<b>NTu2C • Spectroscopic and Fluorescence Lifetime Imaging</b>	<b>ATu2D • Biosensing and Metasurfaces</b>	<b>OTu2E • Theranostics and Drug Delivery Strategies</b>
12:30–14:00	<b>Lunch Break (on own)</b>				
14:00–16:00	<b>DTu3A • Deep Learning</b>	<b>BTu3B • Applications of Diffuse Optics to Disease</b>	<b>NTu3C • Super Resolution</b> <i>(ends at 16:15)</i>	<b>ATu3D • Rotations and Angular Momentum</b>	<b>OTu3E • Reporters and Contrast Agents - Fluorescent Probes</b>
15:00–18:30	<b>End User Workshop and Reception, Stanley</b>				
16:00–17:30	<b>JTu4A • Joint Poster Session Virtual, eGallery</b> <b>JTu4B • Joint Poster Session In Person, Regency C</b> <b>Exhibit Hall and Coffee Break, Regency Foyer</b> <i>(Coffee break brought to you by American Elements and Light Conversion-USA)</i>				
17:30–18:30	<b>SpE4 • A Celebration of 30 years of Single Molecule Optical Tweezers, Regency A</b>				

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# Agenda of Sessions — Wednesday, 26 April

Times listed are Pacific Time (UTC – 07:00)	Regency A	Regency B	Regency D	Regency E	Regency F
	BODA	BRAIN	NTM	OMA	OMP
07:30–17:00	<b>Registration, Regency Foyer</b>				
08:00–10:00	<b>DW1A • Endoscopy and Fiber Optics Sensing</b>	<b>BW1B • Alignment of Functional Imaging to Circuit Structure and Behavior</b>	<b>NW1C • Photoacoustics and Polarization Techniques</b>	<b>AW1D • Radiation Pressure and Levitated Optomechanics</b>	<b>OW1E • Preclinical Applications of Optical Molecular Imaging and Spectroscopy</b>
10:00–10:30	<b>Exhibit Hall and Coffee Break, Regency Foyer</b> <i>(Coffee break brought to you by American Elements and Light Conversion-USA)</i>				
10:30–12:30	<b>JW2A • Joint Postdeadline Paper Session I</b>	<b>JW2B • Joint Postdeadline Paper Session II</b>			
12:30–14:00	<b>Lunch Break (on own)</b>				
14:00–16:00	<b>DW3A • Polarization-Based Imaging and Modelling Techniques</b>	<b>BW3B • High Speed and Adaptive Microscopy</b>	<b>NW3C • 3D Tomography and Scattering Contrast</b>	<b>AW3D • Environmental Applications</b>	<b>OW3E • Clinical Translation of Optical Molecular Imaging and Image Guide Surgery</b> (begins at 13:45)
16:00–16:30	<b>Exhibit Hall and Coffee Break, Regency Foyer</b> <i>(Coffee break brought to you by American Elements and Light Conversion-USA)</i>				
16:30–18:30	<b>DW4A • Spectroscopy</b>	<b>BW4B • New Techniques for in vivo Microscopy</b>	<b>NW4C • Multiphoton Techniques</b> (ends at 18:45)	<b>AW4D • Non-Linear Optics and Upconversion</b>	<b>OW4E • Reporters and Contrast Agents - Nanoparticles and Photodynamic Therapy</b>

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# Agenda of Sessions — Thursday, 27 April

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07:30–11:00	<b>Registration, Regency Foyer</b>				
08:00–10:00	<b>DTh1A • Cardiovascular Applications</b>	<b>BTh1B • Functional and Multi-Modal Imaging</b>	<b>NTh1C • Holographic, Ptychographic and Phase Techniques</b>	<b>ATh1D • Biological Applications and Optical Fibers</b>	<b>OTh1E • Data Analysis and Reconstruction, Phantoms and Quantitative Validation Methods</b>
10:00–10:30	<b>Exhibit Hall and Coffee Break, Regency Foyer</b> <i>(Coffee break brought to you by American Elements and Light Conversion-USA)</i>				
10:30–12:30	<b>DTh2A • Ophthalmic Instrumentations</b>	<b>BTh2B • Towards Translation of Optical Microscopy and Spectroscopy</b>		<b>DTh2C • Sensing in Medicine and Biology</b>	
12:30–13:15	<b>Closing Reception, Regency Foyer</b>				

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