

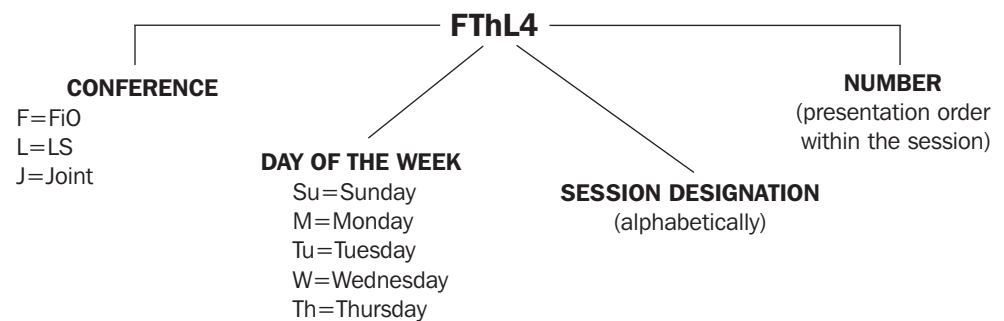
Agenda of Sessions — Sunday, 16 October

07:00–16:30	Annual OSA Student Chapter Leadership Conference , Almaden Ballroom, Hilton San Jose
07:00–18:00	Registration , Market Street Foyer, Fairmont Hotel
09:00–12:30	SC189. Photonic Quantum-Enhanced Technologies, SC274. Polarization Engineering, SC366. Coherence and Optical Imaging , Locations will be provided at registration
12:30–13:30	Lunch Break (on your own)
13:30–17:00	SC235. Nanophotonics: Design, Fabrication and Characterization, SC306. Exploring Optical Aberrations, SC324. Plasmonics, SC367. Active Silicon Photonic Devices, SC368. Illumination: From Solid-State Lighting to Solar Energy , Locations will be provided at registration
16:00–18:00	What's Hot In Optics Today? Regency Ballroom, Fairmont Hotel
18:00–19:30	FIO/LS Welcome Reception , Ballroom, Sainte Claire Hotel
19:00–21:00	<p>OSA Division and Technical Group Meetings</p> <p>Thin Films Technical Group, 19:00–19:30, Valley Room, Fairmont Hotel</p> <p>Holography and Diffractive Optics Technical Group, 19:30–20:00, Valley Room, Fairmont Hotel</p> <p>Information Acquisition, Processing and Display Division, 19:30–20:30, Gold Room, Fairmont Hotel</p> <p>Biomedical Optics Division, 19:30–21:00, RSVP required, Sainte Claire Room, Sainte Claire Hotel</p>

Key to Shading



Explanation of Session Codes



The first part of the code designates the conference (F=FiO, L=LS, J=Joint, S=Symposium).

The next part designates the day of the week (Su=Sunday, M=Monday, Tu=Tuesday, W=Wednesday, Th=Thursday).

The next part indicates the session within the particular day the talk is being given. Each day begins with the letter A and continues alphabetically.

The number on the end of the code signals the position of the talk within the session (first, second, third, etc.).

For example, a presentation numbered FThL4 indicates that this FiO paper is being presented on Thursday during the 12th session (L) and that it is the fourth paper presented in session FThL.

Agenda of Sessions — Monday, 17 October

	Empire	Crystal	Gold	Valley	California
07:00–18:00	Registration , <i>Market Street Foyer, Fairmont Hotel</i>				
08:00–12:00	2011 Joint FiO/LS Awards Ceremony and Plenary Session , <i>Regency Ballroom, Fairmont Hotel</i>				
10:00–10:30	Coffee Break , <i>Regency, Fairmont Hotel</i>				
12:00–14:30	LMA • LS Undergraduate Poster Session , <i>South Tower Foyer, Fairmont Hotel</i>				
13:30–15:30	FMA • Special Symposium on Integrated Optofluidics for the Life Sciences I	FMB • Silicon Nanophotonics	FMC • Special Symposium on Novel X-ray and EUV Light Sources and Sciences: Accelerator-based X-ray Free-Electron Lasers and Science	FMD • Optomechanics I	FME • Phase
15:30–16:00	Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
16:00–18:00	FMH • Special Symposium on Integrated Optofluidics for the Life Sciences II	FMI • Novel Metamaterials and Plasmonic Structures	FMJ • Special Symposium on Novel X-ray and EUV Light Sources and Sciences: Extreme Ultraviolet and Soft X-Ray Small-Scale Sources: Science and Applications (ends at 18:30)	FMK • Three-Dimensional Structure Design, Fabrication, and Nanopatterning I	FML • Fluorescence and Other Imaging Techniques (ends at 18:30)
18:30–20:30	OSA and SPS Student Member Reception , <i>The Britannia Arms Downtown San Jose, 173 W. Santa Clara St., San Jose, CA 95113, Phone: 408-278-1400</i>				
20:00–21:00	OSA Optical Interaction Science Division Meeting , <i>Atherton Room, Fairmont Hotel</i>				

Key to Shading



Frontiers in Optics



Laser Science



Joint

Hillsborough	Atherton	Sacramento	Piedmont	Glen Ellen
Registration , <i>Market Street Foyer, Fairmont Hotel</i>				
2011 Joint FiO/LS Awards Ceremony and Plenary Session , <i>Regency Ballroom, Fairmont Hotel</i>				
Coffee Break , <i>Regency, Fairmont Hotel</i>				
LMA • LS Undergraduate Poster Session , <i>South Tower Foyer, Fairmont Hotel</i>				
FMF • Entanglement	FMG • Novel Fibers and Applications I	LMC • Novel Applications of Multi-Photon Contrast— Broida Award Symposium	LMB • Coherence and Control in Energy Transfer I	LMD • Laser Science Symposium on Undergraduate Research I (14:30–16:00)
Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
FMM • Compressed Sensing (ends at 17:30)	FMN • Novel Fibers and Applications II (ends at 17:45)	LMF • Towards Clinical Applications of Nonlinear Microscopy	LME • Coherence and Control in Energy Transfer II (ends at 17:30)	LMG • Laser Science Symposium on Undergraduate Research II (starts at 16:30)
OSA and SPS Student Member Reception , <i>The Britannia Arms Downtown San Jose, 173 W. Santa Clara St., San Jose, CA 95113, Phone: 408-278-1400</i>				
OSA Optical Interaction Science Division Meeting , <i>Atherton Room, Fairmont Hotel</i>				

Agenda of Sessions — Tuesday, 18 October

	Empire	Crystal	Gold	Valley	California
07:00–17:30	Registration, <i>Market Street Foyer, Fairmont Hotel</i>				
08:00–10:00	FTuA • Optical Manipulation I	FTuB • Ultrashort Pulses: 20th Anniversary of Frequency-Resolved Optical Gating Symposium I	FTuC • Biomedical imaging	FTuD • Nonlinear Optics in Micro/Nano Optical Structures I	FTuE • State of the Art Bio-Optical Technologies
08:00–09:30	VIP Industry Leaders Networking Event: Connecting OSA Corporate Members and Young Professionals, <i>Courtyard Atrium, Sainte Claire Hotel</i>				
08:30–18:00	Optical Communications in Networks Workshop: Future Directions and Metrics in Aggregation Networks, <i>Regency 1 & 2, Fairmont Hotel</i>				
10:00–16:00	Exhibit Open, <i>Imperial Ballroom, Fairmont Hotel</i>				
10:00–10:30	Coffee Break, <i>Imperial Ballroom, Fairmont Hotel</i>				
10:00–12:00	OSA Network of Entrepreneurs (ONE) Workshop, <i>Courtyard Room, Sainte Claire Hotel</i>				
10:30–12:00	FTuH • Single Molecule Detection, Diagnostics and Therapy I (ends at 12:30)	FTuI • Fiber Sources in Non-Telecom Windows I	FTuJ • Optofluidics for Enhanced Sensing	FTuK • Coherence and Optical Sciences	FTuL • Nonimaging Techniques for Sensing I (ends at 11:45)
12:00–13:30	Unopposed Exhibit-Only Time, <i>Imperial Ballroom, Fairmont Hotel</i>				
12:00–13:30	JTua • FiO/LS Joint Poster Session I, <i>Imperial Ballroom, Fairmont Hotel</i>				
12:00–13:30	OSA Fellow Member Lunch, <i>Ballroom, Sainte Claire Hotel</i>				
12:00–14:00	Mission:Optical! Student Chapter Competition, <i>Imperial Ballroom, Fairmont Hotel</i>				
13:30–15:30	FTuO • Single Molecule Detection, Diagnostics and Therapy II (ends at 15:15)	FTuP • Ultrashort Pulses: 20th Anniversary of Frequency-Resolved Optical Gating Symposium II	FTuQ • Instrumentation for Optical Microscopy and OCT I	FTuR • Lasers and Photoemission for Accelerator Science	FTuS • Optical Manipulation II
15:30–17:00	Meet the Editors of the APS Journals, <i>Imperial Ballroom, Fairmont Hotel</i>				
15:30–16:00	Coffee Break, <i>Imperial Ballroom, Fairmont Hotel</i>				
16:00–17:30	FTuV • Photonics for Switching and Interconnects	FTuW • Fiber Sources in Non-Telecom Windows II	FTuX • Instrumentation for Optical Microscopy and OCT II	FTuY • Coherence and Holography	FTuZ • Nonimaging Techniques for Sensing II
16:00–17:30	Minorities and Women in OSA (MWOSA) Tea, <i>Sainte Claire Room, Sainte Claire Hotel</i>				
18:00–19:00	OSA Annual Business Meeting, <i>Empire Room, Fairmont Hotel</i>				
18:00–19:00	Division of Laser Science Annual Business Meeting, <i>Hillsborough Room, Fairmont</i>				
19:00–20:30	OSA Member Masquerade Reception, <i>Ballroom, Sainte Claire Hotel</i>				
19:00–22:00	Laser Science Banquet, <i>Gordon Biersch, 33 East San Fernando St., San Jose, CA Phone: 408.294.6585</i>				
21:00–23:00	OSA Student Member Party, <i>Firehouse #1, 69 North San Pedro St, San Jose, CA, Phone: 408.287.6969</i>				

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 Frontiers in Optics

 Laser Science

 Joint

Hillsborough	Atherton	Sacramento	Piedmont	Glen Ellen
Registration, Market Street Foyer, Fairmont Hotel				
FTuF • Digital Holographic Interferometry and Microscopy I	FTuG • Plasmonic Metamaterials (ends at 09:45)	LTuA • Pushing the Limits of Nonlinear Imaging	LTuB • Coherence and Control in Energy Transfer III (starts at 08:15)	LTuC • Information in a Photon I
VIP Industry Leaders Networking Event: Connecting OSA Corporate Members and Young Professionals, Courtyard Atrium, Sainte Claire Hotel				
Optical Communications in Networks Workshop: Future Directions and Metrics in Aggregation Networks, Regency 1 & 2, Fairmont Hotel				
Exhibit Open, Imperial Ballroom, Fairmont Hotel				
Coffee Break, Imperial Ballroom, Fairmont Hotel				
OSA Network of Entrepreneurs (ONE) Workshop, Courtyard Room, Sainte Claire Hotel				
FTuM • Three-Dimensional Structure Design, Fabrication, and Nanopatterning II	FTuN • Optomechanics II	LTuD • Novel Technologies for Multiphoton Imaging	LTuE • Coherence and Control in Energy Transfer IV	LTuF • Information in a Photon II (ends at 12:15)
Unopposed Exhibit-Only Time, Imperial Ballroom, Fairmont Hotel				
JTuA • FiO/LS Joint Poster Session I, Imperial Ballroom, Fairmont Hotel				
OSA Fellow Member Lunch, Ballroom, Sainte Claire Hotel				
Mission:Optical! Student Chapter Competition, Imperial Ballroom, Fairmont Hotel				
FTuT • Optical Communications I	FTuU • Tunable and Active Plasmonics	LTuG • Optical Metamaterials: Experimental Methods	LTuH • Absolute Metrology I)	LTuI • Information in a Photon III
Meet the Editors of the APS Journals, Imperial Ballroom, Fairmont Hotel				
Coffee Break, Imperial Ballroom, Fairmont Hotel				
FTuAA • Three-Dimensional Structure Design, Fabrication, and Nanopatterning III	FTuBB • Information Theory in Optics I: Classical Information Theory	LTuJ • Controlling Light with NanoPlasmonics	LTuK • Absolute Metrology II	LTuL • Attosecond and Strong Field Science I
Minorities and Women in OSA (MWOSA) Tea, Sainte Claire Room, Sainte Claire Hotel				
OSA Annual Business Meeting, Empire Room, Fairmont Hotel				
Division of Laser Science Annual Business Meeting, Hillsborough Room, Fairmont				
OSA Member Masquerade Reception, Ballroom, Sainte Claire Hotel				
Laser Science Banquet, Gordon Biersch, 33 East San Fernando St., San Jose, CA Phone: 408.294.6585				
OSA Student Member Party, Firehouse #1, 69 North San Pedro St, San Jose, CA, Phone: 408.287.6969				

Agenda of Sessions — Wednesday, 19 October

	Empire	Crystal	Gold	Valley	California
07:30–17:30	Registration, Market Street Foyer, Fairmont Hotel				
08:00–10:00	FWA • Special Symposium on 50 Years of Measuring the Eye's Aberrations I (ends at 10:15)	FWB • Frequency Combs I: Sources (ends at 09:45)	FWC • Plasmonic Waveguides and Cavities	FWD • Beam Shaping and Propagation, Laser Cavity Design I	FWE • Novel Fibers and Applications III (ends at 09:30)
08:30–16:30	Optical Communications in Networks Workshop: Future Directions and Metrics in Aggregation Networks, Regency 1 & 2, Fairmont Hotel				
10:00–14:00	Exhibit Hall Open, Imperial Ballroom, Fairmont Hotel				
10:00–10:30	Coffee Break, Imperial Ballroom, Fairmont Hotel				
10:30–12:00	FWH • Special Symposium of 50 Years of Measuring the Eye's Aberrations II	FWI • Electron Dynamics in Intense Fields	FWJ • Digital Holographic Interferometry and Microscopy II	FWK • Beam Shaping and Propagation, Laser Cavity Design II	FWL • Bioplasmonics (ends at 12:15)
12:00–13:30	Unopposed Exhibit-Only Time, Imperial Ballroom, Fairmont Hotel				
12:00–13:30	JWA • FiO/LS Joint Poster Session II, Imperial Ballroom, Fairmont Hotel				
13:30–15:30	FWO • Looking into the Eyes of Animal Models of Disease	FWP • High Fields and Plasmas	FWQ • Plasmonics (ends at 15:15)	FWR • Beam Shaping and Propagation, Laser Cavity Design III	FWS • General Optical Design and Instrumentation I
15:30–16:00	Coffee Break, Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel				
16:00–17:30	FWV • Optical Design of Animal Eyes	FWW • Novel Photonic and Plasmonic Nanostructures	FWX • Coherence, Propagation and Imaging (ends at 17:45)	FWY: Quantum Computation and Communication I	FWZ • General Optical Design and Instrumentation II
17:00–20:00	Science Educator's Day, Ballroom, Sainte Claire Hotel				
18:30–20:00	FIO Postdeadline Paper Sessions, See Postdeadline Papers Book in your registration bag for exact times and locations.	FIO Postdeadline Paper Sessions, See Postdeadline Papers Book in your registration bag for exact times and locations.	FIO Postdeadline Paper Sessions, See Postdeadline Papers Book in your registration bag for exact times and locations.		

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Frontiers in Optics



Laser Science



Joint

Hillsborough	Atherton	Sacramento	Piedmont	Glen Ellen
Registration, Market Street Foyer, Fairmont Hotel				
FWF • Order, Disorder and Symmetry in Photonic Structures I (ends at 09:30)	FWG • Optical Signal Processing Devices (ends at 09:45)	LWA • Optical Metamaterials: Theory	LWB • Optics and Alternative Energy Sources I	LWC • Attosecond and Strong Field Science II
Optical Communications in Networks Workshop: Future Directions and Metrics in Aggregation Networks, Regency 1 & 2, Fairmont Hotel				
Exhibit Hall Open, Imperial Ballroom, Fairmont Hotel				
Coffee Break, Imperial Ballroom, Fairmont Hotel				
FWM • Order, Disorder and Symmetry in Photonic Structures II	FWN • Information Theory in Optics II: Quantum Information Theory	LWD • Optical Metamaterial Device Physics	LWE • Optics and Alternative Energy Sources II (ends at 11:45)	LWF • Attosecond and Strong Field Science III
Unopposed Exhibit-Only Time, Imperial Ballroom, Fairmont Hotel				
JWA • FiO/LS Joint Poster Session II, Imperial Ballroom, Fairmont Hotel				
FWT • Novel Sensors and Applications I (ends at 15:00)	FWU • Silicon Photonics	LWG • Nano-scale Light Matter Interaction I	LWH • Optics and Alternative Energy Sources III (ends at 15:15)	LWI • Orbital Angular Momentum and Applications I (ends at 15:15)
Coffee Break, Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel				
FWAA • Order, Disorder and Symmetry in Photonic Structures III	FWBB • Hybrid-Organic Integrated Photonics	LWJ • Nano-scale Light Matter Interaction II	LWK • Ultrafast X-Rays I (ends at 17:45)	LWL • Orbital Angular Momentum and Applications II (ends at 17:15)
Science Educator's Day, Ballroom, Sainte Claire Hotel				

Agenda of Sessions — Thursday, 20 October

	Empire	Crystal	Gold	Valley	California
07:30–16:00	Registration , <i>Market Street Foyer, Fairmont Hotel</i>				
08:00–10:00	FThA • Nonlinear Optics in Micro/Nano Optical Structures II	FThB • Laser-Based Radiation Therapy and Enabling Sources	FThC • Optical Design with Unconventional Polarization I (ends 9:15)	FThD • Image-Based Wavefront Sensing and Adaptive Optics I	FThE • Quantum Computation and Communication II
10:00–10:30	Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
10:30–12:30	FThH • Frequency Combs II: Applications	FThI • Metamaterials (ends at 12:00)	FThJ • Optical Design with Unconventional Polarization II	FThK • Image-Based Wavefront Sensing and Adaptive Optics II (ends at 11:45)	FThL • Quantum Computation and Communication III
12:30–13:30	Lunch Break , <i>(on your own)</i>				
13:30–15:30	FThO • Hybrid and III-V Integrated Optics (ends at 14:45)	FThP • Nonlinearities in Metamaterials (ends at 15:15)	FThQ • Optical Design with Unconventional Polarization III (ends at 15:00)	FThR • General Optical Design and Instrumentation III	FThS • Quantum Computation and Communication IV
15:30–16:00	Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
16:00–18:00					FThW • Nonlinear Optics in Micro/Nano Optical Structures III (ends at 17:30)

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Frontiers in Optics



Laser Science



Joint

Hillsborough	Atherton	Sacramento	Piedmont	Glen Ellen
Registration , <i>Market Street Foyer, Fairmont Hotel</i>				
FThF • Novel Sensors and Applications II	FThG • Progress in Digital Holography I	LThA • Nano-scale Light Matter Interaction III (starts at 08:30)	LThB • Ultrafast X-Rays II	LThC • Orbital Angular Momentum and Applications III
Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
FThM • Optical Communications II	FThN • Silicon Microphotonic Devices	LThD • Nano-scale Light Matter Interaction IV (ends at 12:00)	LThE • Ultrafast X-Rays III (ends at 12:00)	LThF • Orbital Angular Momentum and Applications IV (ends at 11:45)
Lunch Break , <i>(on your own)</i>				
FThT • Novel Sensors and Applications III	FThU • Progress in Digital Holography II (ends at 15:15)	FThV • Nonimaging Techniques for Sensing III		
Coffee Break , <i>Regency/Imperial Ballroom and South Tower Foyers, Fairmont Hotel</i>				
	FThY • Analysis and Math Methods	FThZ • Coherence and Quantum Imaging (ends at 17:45)		