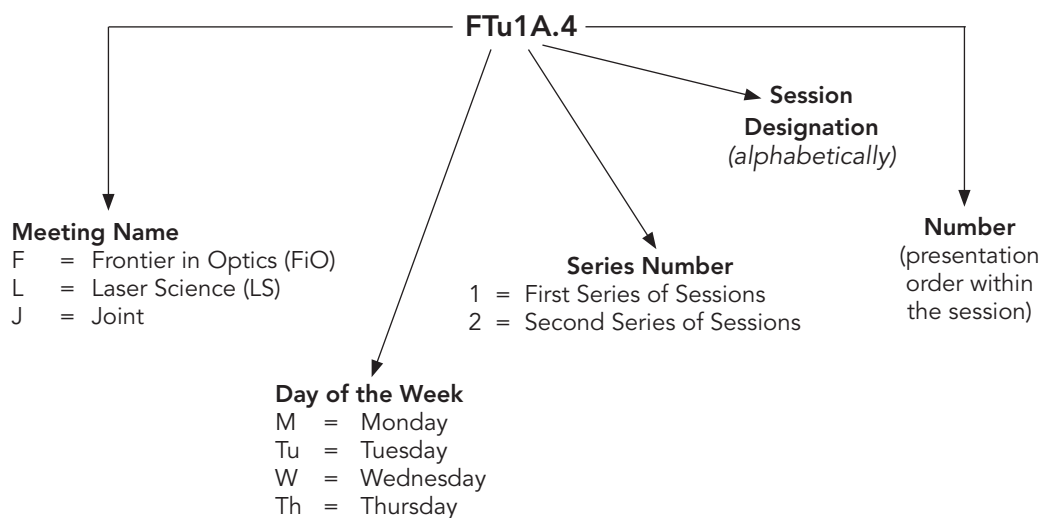


# Explanation of Session Codes



The first letter of the code designates the meeting (For instance, F = Frontiers in Optics, L = Laser Science, J=Joint). The second element denotes the day of the week (Monday = M, Tuesday = Tu, Wednesday = W, Thursday = Th). The third element indicates the session series in that day (for instance, 1 would denote the first parallel sessions in that day). Each day begins with the letter A in the fourth element and continues alphabetically through a series of parallel sessions. The lettering then restarts with each new series. The number on the end of the code (separated from the session code with a period) signals the position of the talk within the session (first, second, third, etc.). For example, a presentation coded FW2A.1 indicates that this paper is part of the FiO + LS Meeting and is being presented on Wednesday (W) in the second series of sessions (2), and is the first parallel session (A) in that series and the first paper (1) presented in that session.

## Agenda of Sessions — Sunday, 17 September

15:00–18:00	<b>Registration, Concourse Foyer</b>
07:00–17:00	<b>OSA Student Chapter Leadership Conference (Invitation Only), International Ballroom East, Concourse Level</b>
09:00–15:00	<b>Women of Light: A Special Program for Women in Optics, OSA Headquarters, 2010 Massachusetts Ave., NW</b>
12:00–18:00	<b>Laser Science Symposium on Undergraduate Research, Jefferson East, Concourse Level</b>
18:30–20:30	<b>OSA Student Member Party, The Brixton, 901 U Street, NW</b>

All locations listed are in the Washington Hilton unless otherwise noted.

Locations may change, please check the conference app and update sheet for the latest scheduling updates.

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# Agenda of Sessions — Monday, 18 September

	International Ballroom West	International Ballroom East	Georgetown West	Georgetown East	Jefferson West	Jefferson East
07:00–18:00	Registration, <i>Concourse Foyer</i>					
08:00–08:45	FM1A • Visionary Speaker: Jungsang Kim	FM1B • Visionary Speaker: Scott McEldowney				LM1C • Visionary Speaker: Majed Chergui
08:45–09:00	Break					
09:00–12:00	Capitol Hill Visits, <i>Senate and House Office Buildings, Washington D.C.</i>					
09:00–10:00	FM2A • Modulators and Resonators	FM2B • Advances with Pulsed Laser Sources	FM2C • Optical Systems for Automotive Applications	FM2D • Quantum Measurement and Communication	FM2E • Quantum Absorbers and Emitters	LM2F • Frontiers in X-ray Laser Spectroscopy
10:00–10:30	Coffee Break, <i>International Terrace, Terrace Level</i>					
10:30–12:30	FM3A • Silicon Photonics I	FM3B • Trapping and Advanced Beam Shaping	FM3C • Computational/ Transformation Optics and Optics in Computing	FM3D • Nanophotonics I	FM3E • Quantum Memories and Interfaces	LM3F • Carl E. Anderson Outstanding Dissertation Award in Laser Science
12:30–13:30	Lunch Break ( <i>on your own</i> )					
12:30–13:30	Challenges and Emerging Opportunities in Molecular Probes and Nanobio-Optics, <i>Georgetown East, Concourse Level</i>					
12:30–14:00	Grant Writing 101 Workshop, <i>Fairchild Room, Terrace Level</i>					
13:30–15:30	FM4A • Plamonics and Metamaterials	FM4B • Studies with Complex Media, Imaging and Light	FM4C • General Information Acquisition, Processing and Display	FM4D • Biomedical Optics in Scattering Media	FM4E • High-Dimension Quantum Systems and Simulation	LM4F • X-Ray Science With Table Top and XFEL Lasers
15:30–16:00	Coffee Break, <i>International Terrace, Terrace Level</i>					
16:00–17:30	Workshop: Understanding Unconscious Bias, <i>Georgetown East, Concourse Level</i>					
16:00–17:30	OSA Nonlinear Optics Technical Group Workshop & Networking Session, <i>Georgetown West, Concourse Level</i>					
16:00–18:00	Evening with the Agencies & Reception, <i>Jefferson West, Concourse Level</i>					
18:00–21:00	FiO + LS Awards Banquet, <i>International Ballroom Center, Terrace Level</i>					

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# Agenda of Sessions — Tuesday, 19 September

	International Ballroom West	International Ballroom East	Georgetown West	Georgetown East	Jefferson West	Jefferson East
07:00–17:30	Registration, Concourse Foyer					
08:00–09:30	JTu1A • Joint Plenary Session, International Ballroom Center, Terrace Level					
09:30–10:00	Exhibits and Coffee Break, Science & Industry Showcase, Columbia, Terrace Level					
10:00–12:00	JTu2A • Science & Industry Showcase Exhibits, Poster Session & E-Posters Rapid-Fire Oral Presentations I in Theater Columbia, Terrace Level					
11:45–12:45	Meet OSA's Journal Editors, Science Showcase Theater, Columbia, Terrace Level					
12:00–13:00	Pizza Lunch, Science & Industry Showcase, Columbia, Terrace Level					
13:00–13:30	Coffee Break, Science & Industry Showcase, Columbia, Terrace Level					
13:00–15:00	JTu3A • Science & Industry Showcase Exhibits, Poster Session & E-Posters Rapid-Fire Oral Presentations II in Theater Columbia, Terrace Level					
15:00–16:30	FTu4A • Integrated Optics	FTu4B • Advanced Spectroscopy and New Approaches	FTu4C • Display Technology for VR/AR Applications	FTu4D • Novel Phenomena in Photonic Devices	FTu4E • Quantum Electronics in the Automotive Sector	LTu4F • High Harmonic Sources and Applications
16:30–16:45	Break					
16:30–17:00	Environmental Sensing Technical Group Networking Event, OSA Technical Group Booth, International Terrace, Terrace Level					
16:45–18:15	FTu5A • Pulse and Comb Sources	FTu5B • Advanced Imaging and Interactions with Materials	FTu5C • Real-time Optical Guidance of Cancer Therapy	FTu5D • Nanophotonic Systems	FTu5E • Quantum Measurement and Sensors	LTu5F • Applications of Ultrafast X-rays
17:30–18:15	OSA Annual Business Meeting, Kalorama, Lobby Level					
17:30–18:30	APS Division of Laser Science Annual Business Meeting, Holmead East, Lobby Level					
18:30–20:30	FiO + LS Conference Reception, International Ballroom Center, Terrace Level					

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# Agenda of Sessions — Wednesday, 20 September

	International Ballroom West	International Ballroom East	Georgetown West	Georgetown East	Jefferson West	Jefferson East
07:30–17:30	Registration, Concourse Foyer					
08:00–08:45	FW1A • Visionary Speaker: Evelyn Hu	FW1B • Visionary Speaker: Wilhelm Kaenders				LW1C • Visionary Speaker: James K.Thompson
08:45–09:00	Break					
09:00–10:00	FW2A • Quantum Communications	FW2B • Trapping and Shaping of Light	FW2C • Optics in Computing and Imaging	FW2D • The “Rush Hour”: Science Policy talk by Rush Holt	FW2E • Precision Measurement Using Laser-atom Interactions	LW2F • Nanophotonics II
10:00–10:30	Coffee Break, Science & Industry Showcase, Columbia, Terrace Level					
10:00–12:00	JW3A • Science & Industry Showcase Exhibits, Poster Session & E-Posters Rapid-Fire Oral Presentations III in Theater Columbia, Terrace Level					
12:00–13:00	Lunch Break (on your own)					
12:00–13:00	Congressional Fellowship Program Information Session, Science Showcase Theater, Columbia, Terrace Level					
12:00–13:00	OSA Optical Material Studies Technical Group Special Talk, Georgetown West, Concourse Level					
12:00–13:00	Polarization Optics - Design and Fabrication Trends and Challenges, Georgetown East, Concourse Level					
12:00–13:30	OIDA VIP Industry Leaders Speed Meetings Lunch, Kalorama, Lobby Level					
13:00–13:30	Coffee Break, Science & Industry Showcase, Columbia, Terrace Level					
13:00–15:00	JW4A • Science & Industry Showcase Exhibits, Poster Session & E-Posters Rapid-Fire Oral Presentations IV in Theater Columbia, Terrace Level					
15:00–16:30	FW5A • Silicon Photonics II	FW5B • Shaping, Phase, and Microscopy	FW5C • Optical Systems for VR/AR	FW5D • Advanced Microscopy and Imaging	FW5E • Quantum Nonlinear Optics and Nanophotonics	LW5F • High-harmonic Generation: Time, Energy, and Complexity
15:30–17:00	Meet the APS Journal Editors Reception, International Terrace, Terrace Level					
16:30–17:00	Pairing Photons to Electrons: An OSA Nanophotonics Technical Group Networking, OSA Technical Group Booth, International Terrace, Terrace Level					
16:45–18:15	FW6A • Optical Fibers and Transmission	FW6B • Novel Studies of Waveguides and Atomic Interactions	FW6C • Nanophotonics Devices and Instrumentation	FW6D • Super-resolution and Extreme Microscopy	FW6E • Quantum Electronics of Ultrafast Signals and Atmospheric Propagation	LW6F • Novel Lasers I
18:30–20:00	Networking with the OSA Biomedical Optics Technical Groups, OSA Headquarters, 2010 Massachusetts Ave., NW					

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# Agenda of Sessions — Thursday, 21 September

	International Ballroom West	International Ballroom East	Georgetown West	Georgetown East	Jefferson West	Jefferson East
07:30–11:30	Registration, <i>Concourse Foyer</i>					
08:00–08:45	FTh1A • Visionary Speaker: Marc Taubenblatt	FTh1B • Visionary Speaker: Michael Godwin				LTh1C • Visionary Speaker: Vladimir M. Shalaev
08:45–09:00	Break					
09:00–10:00	FTh2A • Tailoring Light with Nanophotonic Structures	FTh2B • High Harmonics and Novel Photomission	FTh2C • Optical Coherence Tomography in Biomedical Optics	FTh2D • Fabrication for Nanophotonics	FTh2E • Optics in Computing	LTh2F • Plasmonics
10:00–10:30	Coffee Break, <i>International Terrace, Terrace Level</i>					
10:30–12:30	FTh3A • Nanophotonics for Computing and Sensing	FTh3B • Optomechanics and Sensors	FTh3C • Vision and Color	FTh3D • Instrumentation for Optical Devices and Systems	FTh3E • Quantum Simulation, Communication and Entanglement	LTh3F • Plasmonics and Lasing
12:30–13:30	Lunch Break ( <i>on your own</i> )					
13:30–15:30				FTh4A • Postdeadline Papers	FTh4B • Postdeadline Papers	LTh4C • Novel Lasers III

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