

Agenda of Sessions — Monday, 17 September

| | International Ballroom East | Georgetown West | Georgetown East | Jefferson West | Jefferson East | Lincoln West | Cabinet |
|-------------|---|---|--|---|---|----------------------------|---|
| 07:00–17:30 | Registration, Terrace Level Foyer | | | | | | |
| 08:00–10:00 | | LM1B • Quantum Science I | LM1C • Carl E. Anderson Division of Laser Science Dissertation Award Presentations | | | | |
| 08:30–09:15 | FM1A • Visionary: Jan-Erik Kallhammer | | | | | | |
| 09:00–10:00 | FM2A • Visionary: Teri Odom | | | | | | |
| 10:00–10:30 | Coffee Break, Concourse Foyer | | | | | | |
| 10:30–12:30 | LM3A • Visionary: Prem Kumar (ends at 11:15) | LM3B • Quantum Science II (begins at 11:30) | FM3C • Advanced Beam Shaping and Trapping | FM3D • Novel Devices, Manufacturing and Testing | FM3E • LIDAR Approaches and the Demands on Optical Components | FM3F • Biomedical Optics | FM3G • Frontiers of Nanoplasmonics: New Materials – Active – Slow Light |
| 12:00–18:00 | Laser Science Symposium on Undergraduate Research, International Ballroom East | | | | | | |
| 12:30–14:00 | Lunch break on your own | | | | | | |
| 12:30–13:30 | OSA Therapeutic Laser Applications Technical Group “Birds of a Feather” Networking Lunch, Fairchild West (advanced registration required) | | | | | | |
| 12:30–13:30 | OSA Quantum Computing and Communication Technical Group Networking Lunch, Fairchild East (advanced registration required) | | | | | | |
| 14:00–16:00 | | LM4A • Quantum Science III (ends at 15:15) | FM4B • Light – Matter Interaction | FM4C • Imaging and Sensing Technologies | FM4D • A Realistic Assessment of Optics for Self-driving Vehicles (panel) | FM4E • Advanced Microscopy | FM4F • Complex Nanophotonics |
| 15:00–17:00 | OSA Senior Member Workshop, Holmead, Lobby Level (advanced registration required) | | | | | | |
| 16:00–16:30 | Coffee Break, Concourse Foyer | | | | | | |
| 16:00–17:00 | Meet OSA’s Journal Editors, Concourse Foyer | | | | | | |
| 16:00–17:00 | DLS Annual Business Meeting, Georgetown West | | | | | | |
| 16:00–17:00 | Foundational Skills of Professional Networking – How First Impressions and Elevator Pitches Lead to Career Success and Longevity, Cabinet | | | | | | |
| 16:00–17:30 | OSA Optical Fabrication and Testing Technical Group Knowledge Café, International Ballroom West | | | | | | |
| 16:00–17:30 | The Rules of Engagement: Navigating Important Business Relationships, Georgetown East | | | | | | |
| 16:00–18:00 | Finishing Touches: A Tutorial in Blender for Cover Art and Figures, Jefferson West | | | | | | |
| 16:00–18:00 | OSA Photonic Metamaterials Technical Group Tutorial on Metalens Design and Simulation, Lincoln West | | | | | | |
| 16:00–18:30 | Cheeky Scientist Career Development Workshops, Jefferson East | | | | | | |
| 18:00–19:00 | OSA Polarization Technical Group Rapid-Fire Presentations & Networking Event, International Ballroom West | | | | | | |
| 18:00–19:00 | Workshop: Understanding Unconscious Bias, Georgetown East | | | | | | |
| 18:00–21:00 | Awards Ceremony & Reception, Carnegie Institute of Science, 1530 P St. NW (Separate Ticket Required) | | | | | | |

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.

Key to Shading

| | | |
|---|---|---|
| Frontiers in Optics | Laser Science | Joint |
|---|---|---|

Agenda of Sessions — Tuesday, 18 September

| | International Ballroom East | Cabinet | Jefferson West | Jefferson East | Lincoln West | Georgetown |
|-------------|--|--------------------------------------|---------------------------------------|--|---|----------------------------------|
| 07:00–18:00 | Registration, Terrace Level Foyer | | | | | |
| 08:00–09:30 | Plenary Session, International Ballroom Center | | | | | |
| 09:30–15:00 | <p style="text-align: center;">Science & Industry Showcase, Columbia on the Terrace Level</p> <p>09:30–10:00 Coffee Break</p> <p>10:00–12:00 Poster Session I and Dynamic E-Posters</p> <p>09:45–10:45 Rapid Fire Oral Presentations I, Science & Industry Showcase Theater</p> <p>10:00–15:00 Vehicle Equipped with Ouster LIDAR Demo, Demo Area</p> <p>10:00–15:00 VR, AR and MR Headset Demo, Demo Area</p> <p>10:50–11:40 Entrepreneur - That's French for Crazy Person, Science & Industry Showcase Theater</p> <p>11:45–12:00 Remarks from the OSA President, Science & Industry Showcase Theater</p> <p>12:00–13:00 Job Seeker Tutorial - WORKinOPTICS.com, Science & Industry Showcase Theater</p> <p>12:00–13:00 Lunch</p> <p>13:00–15:00 Poster Session II and Dynamic E-Posters</p> <p>13:00–14:00 Rapid Fire Oral Presentations 2, Science & Industry Showcase Theater</p> <p>13:30–14:00 Coffee Break</p> <p>14:05–15:00 Leveraging LinkedIn – Building Relationships, Attracting Recruiters, Finding the the Best Jobs and Growing Your Network, Science & Industry Showcase Theater</p> | | | | | |
| 15:00–16:30 | FTu4A • Applied Nanoplasmonics: Solar – Sensing – Communication | FTu4B • Short Pulse Lasers | FTu4C • Terahertz Science | FTu4D • Optical Technologies for Autonomy in Realistic Weather (panel) | FTu4E • Integrated Nanophotonic Devices | LTu4F • Extreme Laser Science I |
| 16:45–18:15 | FTu5A • Quantum and Near-Field Nanoplasmonics | FTu5B • Semiconductor Lasers and SDM | FTu5C • Novel Lasers and Applications | FTu5D • Optical Technologies for Autonomy in Unstructured Environments (panel) | FTu5E • Topological Photonics | LTu5F • Extreme Laser Science II |
| 17:30–18:15 | OSA Annual Business Meeting, Kalorama | | | | | |
| 18:30–20:30 | Conference Reception, International Ballroom | | | | | |

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.

Key to Shading



Frontiers in Optics



Laser Science



Joint

Agenda of Sessions — Wednesday, 19 September

| | International Ballroom East | Cabinet | Jefferson West | Jefferson East | Lincoln West | Georgetown |
|-------------|---|---|-----------------------------------|--|--|--|
| 07:30–18:00 | Registration, <i>Terrace Level Foyer</i> | | | | | |
| 08:00–09:00 | FW1A • The Coming of Age for Smart Glasses, AR and VR | FW1B • Novel Lasers and Photodetectors | FW1C • Nanophotonics I | FW1D • Quantum Sensing for Industry and Fundamental Physics I | FW1E • Nanophotonic sensing and optomechanics | LW1F • Novel Lasers, Plasmonics, Nanophotonics I |
| 09:15–10:00 | FW2A • Visionary: Mark Bolas | NAS Decadal Assessment and Outlook Report on Atomic, Molecular, and Optical Science (starts at 09:05) | | | | LW2B • Visionary: Mark Brongersma |
| 10:00–15:00 | Science & Industry Showcase, <i>Columbia on the Terrance Level</i> | | | | | |
| | 10:00–10:30 Coffee Break 10:00–12:00 Poster Session III and Dynamic E-Posters 10:15–11:15 Rapid Fire Oral Presentations III, <i>Science & Industry Showcase Theater</i> 10:00–15:00 Vehicle Equipped with Ouster LIDAR Demo, <i>Demo Area</i> 10:00–15:00 VR, AR and MR Headsets Demo, <i>Demo Area</i> 11:15–12:15 Frontiers in Funding, <i>Science & Industry Showcase Theater</i> 12:00–13:00 OIDA VIP Industry Leaders Speed Meetings Lunch 12:00–13:00 Lunch 12:20–12:55 Enabling and Entangling the Tools to Innovate in Quantum Technologies, <i>Science & Industry Showcase Theater</i> 13:00–15:00 Poster Session IV and Dynamic E-Posters 13:00–14:00 Rapid Fire Oral Presentations IV, <i>Science & Industry Showcase Theater</i> 13:30–14:00 Coffee Break 14:05–15:00 Understanding the National Quantum Initiative, <i>Science & Industry Showcase Theater</i> | | | | | |
| 10:00–12:00 | OSA Members, Family and Friends Tour, <i>Tudor Place</i> | | | | | |
| 15:00–16:30 | FW5A • AR and VR Ecosystems Developments | FW5B • Optical Communications | FW5C • Quantum Systems | FW5D • Quantum Sensing for Industry and Fundamental Physics II | FW5E • Plasmonic and Nanophotonic Materials | LW5F • Novel Lasers, Plasmonics, Nanophotonics II |
| 15:30–17:00 | Meet the <i>Physical Review Journal</i> Editors Reception, <i>Monroe</i> | | | | | |
| 16:45–18:15 | FW6A • New Optical Hardware is Key to Next Generation AR and MR (ends at 18:45) | FW6B • Novel Optical Fibers and Modulators | FW6C • Solid State Quantum Optics | FW6D • Quantum Computing with Atoms and Photons I | FW6E • Meta- and Nanophotonic Devices for Imaging and Applications | LW6F • Novel Lasers, Plasmonics, Nanophotonics III |
| 17:00–19:00 | OSA Senior Member Reception, <i>Holmead, Lobby Level</i> | | | | | |
| 18:15–19:00 | Dinner break on your Own | | | | | |
| 19:00–21:00 | Postdeadline Papers (A complete list of presentations and locations will be in the conference update sheet.) | | | | | |

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.

Key to Shading

| | | | | | |
|--|---------------------|--|---------------|--|-------|
| | Frontiers in Optics | | Laser Science | | Joint |
|--|---------------------|--|---------------|--|-------|

Agenda of Sessions — Thursday, 20 September

| | International Ballroom East | Cabinet | Jefferson West | Jefferson East | Lincoln West | Georgetown |
|-------------|--|-----------------------------|---|--|--|--|
| 07:30–11:00 | Registration, <i>Terrace Level Foyer</i> | | | | | |
| 08:00–09:00 | FTh1A • Vision Comfort as a Key to AR Mass Adoption | FTh1B • Quantum Information | FTh1C • Shaping Light and Design of Quantum Devices | FTh1D • Quantum Computing with Atoms and Photons II | FTh1E • Computational/ Transformation Optics and Optics in Computing | LTh1F • Precision Laser Spectroscopy |
| 09:00–09:15 | Break | | | | | |
| 09:15–10:00 | FTh2A • Visionary: Sir Peter Knight | | | | | LTh2B • Visionary: David DeMille |
| 10:00–10:30 | Coffee Break, <i>Concourse Foyer</i> | | | | | |
| 10:00–16:00 | OSA Capitol Hill Meetings, <i>Senate and House Office Buildings, Washington D.C.</i> | | | | | |
| 10:30–12:30 | FTh3A • AR/VR Applications for Enterprise and Consumer Markets | FTh3B • Quantum Electronics | FTh3C • Optical Comb Metrology | FTh3D • Quantum Communications and the Future Quantum Internet | FTh3E • Information Processing, Information Display and Optical Device | LTh3F • Advances in Molecular Spectroscopy |

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.

Key to Shading



Frontiers in Optics



Laser Science



Joint