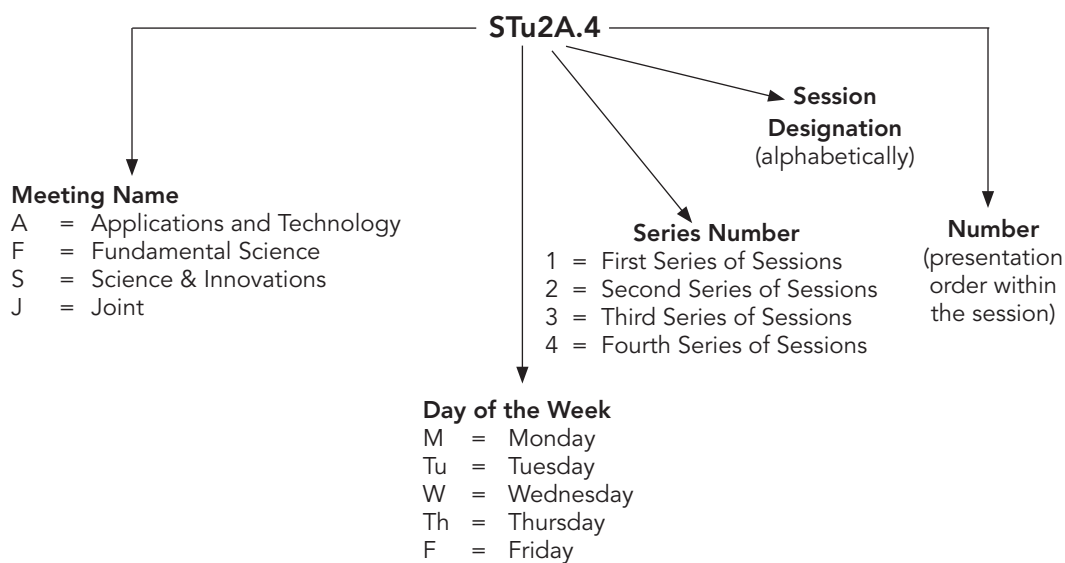


Agenda of Sessions — Sunday, 14 May

| | |
|-------------|---|
| 07:30–17:30 | Registration, Concourse Level |
| 08:30–12:30 | SC149: Foundations of Nonlinear Optics SC221: Nano Photonics: Physics and Techniques SC361: Coherent Midinfrared Sources and Applications |
| 08:30–15:00 | SC456: How to Start A Company |
| 13:00–16:30 | Cheeky Scientist Workshops, Winchester Room/ Hilton |
| 13:30–16:30 | SC439: Attosecond Optics SC403: NanoCavity Quantum Electrodynamics and Applications |
| 13:30–17:30 | SC157: Laser Beam Analysis, Propagation, and Shaping Techniques SC396: Frontiers of Guided Wave Nonlinear Optics |

Explanation of Session/Presentation Codes



The first letter of the code designates the meeting (For instance, A=Applications & Technology, F=Fundamental Science, S=Science and Innovations, J=Joint). The second element denotes the day of the week (Monday=M, Tuesday=Tu, Wednesday=W, Thursday=Th, Friday=F). The third element indicates the session series in that day (for instance, 2 would denote the second parallel sessions in that day). Each series of sessions begins with the letter A in the fourth element and continues alphabetically through a series of parallel sessions. 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 SM2A.4 indicates that this paper is part of Science and Innovations (S) and is being presented on Monday (M) in the second series of sessions (2), and is the first parallel session (A) in that series and the fourth paper (4) presented in that session.

Agenda of Sessions — Monday, 15 May

| | Executive Ballroom 210A | Executive Ballroom 210B | Executive Ballroom 210C | Executive Ballroom 210D | Executive Ballroom 210E | Executive Ballroom 210F | Executive Ballroom 210G |
|-------------|---|---|---|--|--|--|--|
| 07:00–18:00 | Registration, <i>Concourse Level</i> | | | | | | |
| 08:00–10:00 | AM1A • A&T Topical Review on Advances in Laser-based Remote Sensing I | AM1B • Photovoltaics | SM1C • Plasmonic Biosensors | FM1D • Attosecond Science | FM1E • Engineered Quantum States with Atoms and Ions (ends at 09:45) | FM1F • Optomechanics and Plasmonics | FM1G • Parity-time Symmetry in Metamaterials |
| 09:00–12:00 | SC362: Cavity Optomechanics: Fundamentals and Applications of Controlling and Measuring Nano- and Micro-mechanical Oscillators with Laser Light SC424: Optical Terahertz Science and Technology | | | | | | |
| 10:00–10:30 | Coffee Break, <i>Concourse Level</i> | | | | | | |
| 10:30–12:30 | AM2A • A&T Topical Review on Advances in Laser-based Remote Sensing II | AM2B • Mid-IR Sensors and Emitters | SM2C • Biomedical Spectroscopy and Cell/Particle Analysis | FM2D • Attosecond and High-field Technologies (ends 12:15) | FM2E • Atomic Ensemble and Bulk Crystal Quantum Memories | FM2F • Engineering Nonlinear Materials | FM2G • Photonic Topological Insulators |
| 10:30–12:00 | Communication and Mentorship, <i>Winchester Room/Hilton</i> | | | | | | |
| 12:30–13:30 | Lunch Break (<i>on your own</i>) | | | | | | |
| 12:30–15:30 | SC301: Quantum Cascade Lasers: Science, Technology, Applications and Markets SC378: Introduction to Ultrafast Optics SC455: Integrated Photonics for Quantum Information Science and Technology New | | | | | | |
| 13:30–15:30 | AM3A • A&T Topical Review on Scientific and Commercial Progress in Semiconductor Lasers I | AM3B • Greenhouse Gas Sensing | SM3C • In Vivo/Deep Tissue Imaging | FM3D • Attosecond Spectroscopy | JM3E • Symposium on Sources of Nonclassical Light and their Scalability I | FM3F • Nonlinear Optics in Propagating Geometries I | FM3G • Dirac-cone Metamaterials |
| 14:00–17:30 | Understanding Unconscious Bias, <i>Winchester Room/Hilton</i> | | | | | | |
| 15:30–16:00 | Coffee Break, <i>Concourse Level</i> | | | | | | |
| 16:00–18:00 | AM4A • A&T Topical Review on Scientific and Commercial Progress in Semiconductor Lasers II | AM4B • Combustion and Atmospheric Photonics (ends at 17:45) | SM4C • Optofluidic Components and Systems | SM4D • Nanophotonics, Waveguides, and Microresonators in Sensing | JM4E • Symposium on Sources of Nonclassical Light and their Scalability II | FM4F • Nonlinear Optics in Propagating Geometries II | FM4G • Controlling Emission, Absorption and Transfer of Energy with Metamaterials (ends 17:45) |
| 17:30–18:30 | Diversity & Inclusion in Optics and Photonics Reception, <i>Market Room/Hilton</i> | | | | | | |
| 18:30–20:00 | The National Academies Town Hall Meeting on the Future of Materials Research, <i>Salon V & VI/Marriott</i> | | | | | | |
| 19:00–20:00 | OSA Technical Group Poster Session, <i>230B</i> | | | | | | |

| Executive Ballroom 210H | Meeting Room 211 B/D | Meeting Room 212 A/C | Meeting Room 212 B/D | Marriott, Salon I & II | Marriott, Salon III | Marriott, Salon IV | Marriott, Salon V & VI |
|---|---|---|--|--|---|---|---|
| Registration, <i>Concourse Level</i> | | | | | | | |
| FM1H • Plasmonic and Dielectric Metasurfaces and Metamaterials | SM1I • Ultrafast Modelocked Oscillators | SM1J • THz Photonic (ends 09:45) | SM1K • Materials for Quantum Optics | SM1L • High-power, High-energy Fiber Sources | SM1M • Integrated Nonlinear Photonic Platforms | SM1N • High-Q Micro-cavities and Applications | SM1O • RF Photonics |
| SC362: Cavity Optomechanics: Fundamentals and Applications of Controlling and Measuring Nano- and Micro-mechanical Oscillators with Laser Light SC424: Optical Terahertz Science and Technology | | | | | | | |
| Coffee Break, <i>Concourse Level</i> | | | | | | | |
| FM2H • Plasmonic and Nanophotonic Sensors, Switches, & Photodetectors | SM2I • Ultrafast Pulse Generation | SM2J • THz Quantum Optics and Metamaterials | SM2K • Micro and Nanoscale Fabrication | SM2L • Multiwavelength and Comb Fiber Sources (ends 12:15) | SM2M • Nonlinear Dynamics and Harmonic Generation | SM2N • Whispering Gallery Mode Micro-cavities | SM2O • Modulators |
| Communication and Mentorship, <i>Winchester Room/Hilton</i> | | | | | | | |
| Lunch Break (<i>on your own</i>) | | | | | | | |
| SC301: Quantum Cascade Lasers: Science, Technology, Applications and Markets SC378: Introduction to Ultrafast Optics SC455: Integrated Photonics for Quantum Information Science and Technology New | | | | | | | |
| FM3H • Electron - Plasmon Interactions | SM3I • Ultrafast Amplifiers | SM3J • THz Communications | SM3K • Silicon Photonics I | SM3L • Mode Locked Fiber Lasers I | SM3M • Progress in Optical Frequency Conversion | SM3N • Plasmonics and Metamaterials | SM3O • Integrated Quantum Photonics |
| Understanding Unconscious Bias, <i>Winchester Room/Hilton</i> | | | | | | | |
| Coffee Break, <i>Concourse Level</i> | | | | | | | |
| FM4H • Chip-scale Plasmonic Devices | SM4I • Ultrafast Pulse Combining and Manipulation | SM4J • THz QCLs and Imaging | SM4K • Resonant Optics | SM4L • Mode Locked Fiber Lasers II | SM4M • Optical Parametric Oscillators | SM4N • Prevoakite and Photonic Crystal Lasers | SM4O • Heterogeneously Integrated Si Photonics (ends 17:45) |
| Diversity & Inclusion in Optics and Photonics Reception, <i>Market Room/Hilton</i> | | | | | | | |
| The National Academies Town Hall Meeting on the Future of Materials Research, <i>Salon V & VI/Marriott</i> | | | | | | | |
| OSA Technical Group Poster Session, <i>230B</i> | | | | | | | |

Agenda of Sessions — Tuesday, 16 May

| | Executive Ballroom 210A | Executive Ballroom 210B | Executive Ballroom 210C | Executive Ballroom 210D | Executive Ballroom 210E | Executive Ballroom 210F | Executive Ballroom 210G |
|-------------|--|--|---|------------------------------------|---|---|--|
| 07:00–18:00 | Registration, <i>Concourse Level</i> | | | | | | |
| 08:00–10:00 | ATu1A • Biosensing Technologies | ATu1B • A&T Topical Review on Neurophotonics I | ATu1C • Lasers for Additive Manufacturing and Surface Structuring | FTu1D • On-chip Comb Generation I | FTu1E • Defects in Solids for Coherent Control and Single-Photon Generation | FTu1F • Quantum Optics and Quantum Information Processing | FTu1G • Light Manipulation with Disordered Media |
| 10:00–10:30 | Coffee Break, <i>Concourse Level</i> | | | | | | |
| 10:30–11:30 | JTu2A • Plenary Session I, <i>Grand Ballroom</i> | | | | | | |
| 11:30–19:30 | Exhibition Open, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 11:30–13:30 | Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 12:00–13:30 | OIDA VIP Industry Leaders Speed Meetings Lunch, <i>Exhibit Hall (Advanced Registration Required)</i> | | | | | | |
| 12:00–15:00 | SC352: Introduction to ultrafast pulse shaping--principles and applications SC376: Plasmonics SC410: Finite Element Modelling Methods for Photonics and Optics | | | | | | |
| 12:00–16:00 | SC270: High Power Fiber Lasers and Amplifiers SC438: Photonic Metamaterials | | | | | | |
| 12:00–14:30 | Market Focus Session I: Precision Applications Using Ultrafast Lasers, <i>Exhibit Hall Theater</i> | | | | | | |
| 12:30–13:30 | Lunch Break (<i>on your own</i>) | | | | | | |
| 13:00–17:30 | Alternative Careers Paths in Optics and Photonics, <i>Winchester Room/Hilton</i> | | | | | | |
| 13:30–15:30 | ATu3A • Photobiomodulation Therapeutics | ATu3B • A&T Topical Review on Neurophotonics II | ATu3C • Industrial Optical Design & Sensing | FTu3D • On-chip Comb Generation II | FTu3E • Quantum Optics of Single Emitters | FTu3F • Quantum-Enhanced Measurements | FTu3G • Toward Applications of Metasurfaces I |
| 15:30–16:00 | Coffee Break and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 15:30–16:15 | Market Focus Session II: Update on Optics and Photonics Markets and Opportunities, <i>Exhibit Hall Theater</i> | | | | | | |
| 16:30–17:00 | Market Focus Session III: Science Olympiad, <i>Exhibit Hall Theater</i> | | | | | | |
| 16:00–18:00 | ATu4A • Spectroscopic Sensing | ATu4B • Information Transfer & Precision Measurement Devices | ATu4C • Laser Interaction with Semiconductors, Glasses and Metals | FTu4D • On-chip Quantum Optics | FTu4E • Quantum Dot Cavity QED | FTu4F • Quantum Communications | FTu4G • Toward Applications of Metasurfaces II |
| 17:00–18:30 | Meet the OSA Editors' Reception, <i>Market Terrace</i> | | | | | | |
| 18:00–19:30 | JTu5A • Poster Session I and Conference Reception, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |

| Executive Ballroom 210H | Meeting Room 211 B/D | Meeting Room 212 A/C | Meeting Room 212 B/D | Marriott, Salon I & II | Marriott, Salon III | Marriott, Salon IV | Marriott, Salon V & VI |
|--|--------------------------------|--|--|---|---|---|---|
| Registration, <i>Concourse Level</i> | | | | | | | |
| FTu1H • Fundamental Plasmonic & Nanophotonic Effects | STu1I • Ultrafast Applications | STu1J • THz Materials Science | STu1K • Mid-IR Fiber Sensors | | STu1M • Optical Interconnect Systems (ends at 09:45) | STu1N • Photodetectors | STu1O • Petawatt Laser Technology |
| Coffee Break, <i>Concourse Level</i> | | | | | | | |
| JTU2A • Plenary Session I, <i>Grand Ballroom</i> | | | | | | | |
| Exhibition Open, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| OIDA VIP Industry Leaders Speed Meetings Lunch, <i>Exhibit Hall (Advanced Registration Required)</i> | | | | | | | |
| SC352: Introduction to ultrafast pulse shaping--principles and applications SC376: Plasmonics SC410: Finite Element Modelling Methods for Photonics and Optics | | | | | | | |
| SC270: High Power Fiber Lasers and Amplifiers SC438: Photonic Metamaterials | | | | | | | |
| Market Focus Session I: Precision Applications Using Ultrafast Lasers, <i>Exhibit Hall Theater</i> | | | | | | | |
| Lunch Break (<i>on your own</i>) | | | | | | | |
| Alternative Careers Paths in Optics and Photonics, <i>Winchester Room/Hilton</i> | | | | | | | |
| FTu3H • Active Plasmonics and Nanophotonics | STu3I • Ultrafast Metrology I | STu3J • High-field THz Generation | STu3K • Structured and Gas-filled Fibers | JTu3L • Symposium on Ultrafast Laser Technology for X-ray Free Electron Lasers I | STu3M • Coherent Transmission Systems | STu3N • Electro-Optic & Acousto-Optic Devices | JTu3O • Symposium on Military Applications of High Powered Lasers I |
| Coffee Break and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Market Focus Session II: Update on Optics and Photonics Markets and Opportunities, <i>Exhibit Hall Theater</i> | | | | | | | |
| Market Focus Session III: Science Olympiad, <i>Exhibit Hall Theater</i> | | | | | | | |
| FTu4H • Functional Plasmonics with 2D and Novel Materials | STu4I • Ultrafast Metrology II | STu4J • Microcomb Nonlinear Optical Technology | STu4K • OAM & Higher-Order Mode Fibers (ends at 17:45) | JTu4L • Symposium on Ultrafast Laser Technology for X-ray Free Electron Lasers II | STu4M • Nonlinear Impairments in Optical Communications (ends at 17:30) | STu4N • Optomechanics | STu4O • Spatial and Temporal Beam Control |
| Meet the OSA Editors' Reception, <i>Market Terrace</i> | | | | | | | |
| JTU5A • Poster Session I and Conference Reception, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |

Agenda of Sessions — Wednesday, 17 May

| | Executive Ballroom 210A | Executive Ballroom 210B | Executive Ballroom 210C | Executive Ballroom 210D | Executive Ballroom 210E | Executive Ballroom 210F | Executive Ballroom 210G |
|-------------|---|--|--|----------------------------------|--|---|---|
| 07:30–18:00 | Registration, Concourse Level | | | | | | |
| 08:00–10:00 | AW1A • Medical Devices and Systems | AW1B • Sensing in Fibers and Free-space | SW1C • Nanolasers and Frequency Combs | FW1D • Non-diffracting Beams | FW1E • Rare Earth Solid State Quantum Memories | FW1F • Quantum Entanglement | JW1G • Symposium on Advances in Metaphotonic Devices I |
| 10:00–18:30 | Exhibition Open, Exhibit Hall 1, 2 & 3 | | | | | | |
| 10:00–12:00 | JW2A • Poster Session II, Exhibit Hall 1, 2 & 3 | | | | | | |
| 10:00–10:30 | Coffee Break, Exhibit Hall 1, 2 & 3 | | | | | | |
| 10:00–12:45 | OSA Members, Family and Friends Tour – Computer History Museum <i>Shuttle transportation will depart from the Hilton's Almaden Avenue entrance at 10:15 (Advanced Registration Required)</i> | | | | | | |
| 10:30–12:00 | Market Focus Session IV: How the Changing Political Landscape will Impact your Company, Exhibit Hall Theater | | | | | | |
| 12:00–13:00 | Lunch and Unopposed Exhibit Only Time, Exhibit Hall 1, 2 & 3 (concessions available) | | | | | | |
| 13:00–15:00 | JW3A • Plenary Session II and Awards, Grand Ballroom | | | | | | |
| 15:00–15:30 | Coffee Break and Unopposed Exhibit Only Time, Exhibit Hall 1, 2 & 3 | | | | | | |
| 15:00–16:30 | Market Focus Session V: Bright Ideas Competition, Exhibit Hall Theater | | | | | | |
| 15:30–17:30 | AW4A • Biomedical Imaging I | AW4B • Lasers and Applications (ends at 17:15) | SW4C • Semiconductor Lasers on Silicon | FW4D • Nonlinear Optical Sources | FW4E • Quantum State Generation and Characterization | FW4F • Quantum States and Sensing with Optomechanical Systems (starts at 16:00) | JW4G • Symposium on Advances in Metaphotonic Devices II |
| 16:30–18:30 | Happy Hour in Exhibit Hall, Exhibit Hall 1, 2 & 3 | | | | | | |
| 18:00–19:00 | OSA Nanophotonics Technical Group 20x20 Talks, Executive Ballroom 210A | | | | | | |

| Executive Ballroom 210H | Meeting Room 211 B/D | Meeting Room 212 A/C | Meeting Room 212 B/D | Marriott, Salon I & II | Marriott, Salon III | Marriott, Salon IV | Marriott, Salon V & VI |
|---|--|---|--|---|--|--|--|
| Registration, <i>Concourse Level</i> | | | | | | | |
| FW1H • Extreme Electromagnetic Radiation–THZ to EUV: Generation, Detection & Applications | SW1I • Space–Division Multiplexed Optical Communications (ends at 09:45) | SW1J • Precision References and Optical Synthesis | SW1K • Flexible and Soft Optoelectronics | SW1L • Sensing in Dynamic and Extreme Environments, Plasmas, and Explosions | SW1M • Nonlinear Optics for Spectroscopy and Sensing | SW1N • Silicon Photonic Devices and Structures | SW1O • Optical Comb & Integrated Systems |
| Exhibition Open, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| JW2A • Poster Session II, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Coffee Break, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| OSA Members, Family and Friends Tour – Computer History Museum <i>Shuttle transportation will depart from the Hilton's Almaden Avenue entrance at 10:15 (Advanced Registration Required)</i> | | | | | | | |
| Market Focus Session IV: How the Changing Political Landscape will Impact your Company, <i>Exhibit Hall Theater</i> | | | | | | | |
| Lunch and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3 (concessions available)</i> | | | | | | | |
| JW3A • Plenary Session II and Awards, <i>Grand Ballroom</i> | | | | | | | |
| Coffee Break and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Market Focus Session V: Bright Ideas Competition, <i>Exhibit Hall Theater</i> | | | | | | | |
| FW4H • Ultrafast Optics and Plasmonics in Nanostructures | SW4I • Orbital Angular Momentum Based Optical Communications (ends at 17:00) | SW4J • Precision Spectroscopy | SW4K • 2D Materials & Devices I | SW4L • Standoff and Remote Sensing | SW4M • Concepts & Advances in Quasi–phase Matching | SW4N • Microresonator Frequency Comb | SW4O • Laser Induced Excitations in Matter |
| Happy Hour in Exhibit HallI, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| OSA Nanophotonics Technical Group 20x20 Talks, <i>Executive Ballroom 210A</i> | | | | | | | |

Agenda of Sessions — Thursday, 18 May

| | Executive Ballroom 210A | Executive Ballroom 210B | Executive Ballroom 210C | Executive Ballroom 210D | Executive Ballroom 210E | Executive Ballroom 210F | Executive Ballroom 210G |
|-------------|--|---|---|--|--|---|--|
| 07:30–18:30 | Registration, <i>Concourse Level</i> | | | | | | |
| 08:00–10:00 | ATH1A • Biomedical Imaging II | ATH1B • Active Remote Environmental Sensing | STh1C • III–V Lasers | FTh1D • Topological Photonics | JTh1E • Quantum Photonics I | FTh1F • Ultrafast Exciton Dynamics in Van Der Waals Materials | FTh1G • Nonlinear and Hyperbolic Metamaterials |
| 10:00–15:00 | Exhibition Open, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 10:00–11:30 | Coffee Break (10:00–10:30) and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 10:00–12:00 | JTh2A • Poster Session III, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 10:15–13:00 | Technology Transfer Program, <i>Exhibit Hall Theater</i> | | | | | | |
| 11:30–13:30 | Pizza Lunch, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | |
| 14:00–16:00 | JTh3A • Symposium on Multimodal Imaging in Biophotonics I | ATH3B • Optical Devices & Components | ATH3C • A&T Topical Review on Extreme Ultraviolet and Soft X-ray Sources and Application I | FTh3D • PT Symmetry and Beyond | JTh3E • Quantum Photonics II | FTh3F • Ultrafast Lattice and Molecular Dynamics | JTh3G • Symposium on Optomechanics: Towards the Second Quantum Revolution I |
| 16:00–16:30 | Coffee Break, <i>Concourse Level</i> | | | | | | |
| 16:30–18:30 | JTh4A • Symposium on Multimodal Imaging in Biophotonics II | ATH4B • Process Evaluation & Microscopy | ATH4C • A&T Topical Review on Extreme Ultraviolet and Soft X-ray Sources and Application II | FTh4D • Solitons and Temporal Wave Guiding | FTh4E • Single-Photon Sources and Quantum Communications | FTh4F • Imaging Electron Dynamics on the Nano-, Femto- Scale | JTh4G • Symposium on Optomechanics: Towards the Second Quantum Revolution II |
| 18:30–20:00 | Dinner Break (<i>on your own</i>) | | | | | | |
| 20:00–22:00 | Postdeadline Paper Sessions | | | | | | |

| Executive Ballroom 210H | Meeting Room 211 B/D | Meeting Room 212 A/C | Meeting Room 212 B/D | Marriott, Salon I & II | Marriott, Salon III | Marriott, Salon IV | Marriott, Salon V & VI |
|--|--|--|---|--|--|--|--|
| Registration, <i>Concourse Level</i> | | | | | | | |
| FTh1H • Nanoscale Optomechanics | STh1I • 2D Materials and Devices II | STh1J • Laser Ablation Fundamentals and Applications | STh1K • Nonlinear Fiber Photonics I | STh1L • High Average Power Lasers | STh1M • Phased Arrays Related Device | STh1N • Optical Computing & Communications using Photonic Nanostructures | STh1O • Direct Detection Multicarrier Optical Communications |
| Exhibition Open, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Coffee Break (10:00–10:30) and Unopposed Exhibit Only Time, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| JTh2A • Poster Session III, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| Technology Transfer Program, <i>Exhibit Hall Theater</i> | | | | | | | |
| Pizza Lunch, <i>Exhibit Hall 1, 2 & 3</i> | | | | | | | |
| FTh3H • Photonics Crystals for Light Manipulation and Concentration | STh3I • Quantum Confined Materials & Devices | STh3J • Ultrafast Laser–Material Interactions | STh3K • Nonlinear Fiber Photonics II | STh3L • Dual Frequency Comb Techniques | JTh3M • Symposium on Optical Microcavities for Ultrasensitive Detection I | STh3N • Light Emitters and Lasers | STh3O • Free–Space Optical Communications |
| Coffee Break, <i>Concourse Level</i> | | | | | | | |
| FTh4H • Optical and Thermal Superresolution Imaging and Nanofocusing | STh4I • Emerging Optical Materials | STh4J • Ultrafast Laser Processing | STh4K • Imaging and Nonlinear Fiber Effects | STh4L • Precision Timing and Ranging | JTh4M • Symposium on Optical Microcavities for Ultrasensitive Detection II | STh4N • Photonic Crystals & Their Applications | STh4O • Quantum Cascade Lasers |
| Dinner Break (<i>on your own</i>) | | | | | | | |
| Postdeadline Paper Sessions | | | | | | | |

Agenda of Sessions — Friday, 19 May

| | Executive Ballroom 210A | Executive Ballroom 210B | Executive Ballroom 210C | Executive Ballroom 210D | Executive Ballroom 210E | Executive Ballroom 210F |
|-------------|---|--|------------------------------------|--|--------------------------------|--|
| 07:30–12:00 | Registration, <i>Concourse Level</i> | | | | | |
| 08:00–10:00 | AF1A • A&T Topical Review on Supercontinuum and Applications I | AF1B • Application & Advances of Frequency Combs | SF1C • Frequency Comb Technology | JF1D • Symposium on Thermal Noise in Precision Interferometry I | FF1E • Single-Photon Detectors | FF1F • Optical & THZ Spectroscopy of Quantum Matter |
| 10:00–10:30 | Coffee Break, <i>Concourse Level</i> | | | | | |
| 10:30–12:30 | AF1A • A&T Topical Review on Supercontinuum and Applications II | AF2B • Applied Spectroscopy | SF2C • Frequency Comb Applications | JF2D • Symposium on Thermal Noise in Precision Interferometry II | FF2E • Quantum Technologies | FF2F • Valley Coherence and Polariton Dynamics in 2D Materials |

| Executive Ballroom 210G | Executive Ballroom 210H | Meeting Room 211 B/D | Meeting Room 212 A/C | Meeting Room 212 B/D | Marriott, Salon I & II | Marriott, Salon III |
|---|---------------------------------------|--|--|--|--|---|
| <i>Registration, Concourse Level</i> | | | | | | |
| FF1G • Nanoparticle Mediated Emission and Field Enhancement | SF1H • Waveguides and Ring Resonators | SF1I • Integrated Photonic Devices | SF1J • Micro- and Nanophotonic Devices | SF1K • Laser Facilities and Applications | SF1L • Data Center Communications (ends at 09:30) | SF1M • Aerosol and Gas Sensing |
| <i>Coffee Break, Concourse Level</i> | | | | | | |
| FF2G • Nanoscale Control of Quantum Emission | | SF2I • Detectors and Other Novel Devices | SF2J • Surface Emitting Lasers | SF2K • Infrared Laser Sources | SF2L • Advanced Fiber Devices and Concepts (ends at 12:15) | SF2M • Combustion Diagnostics and Imaging |