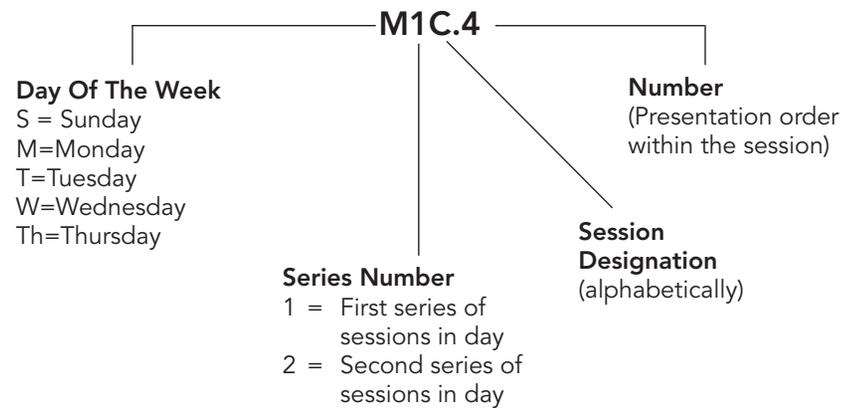


Explanation of Session Codes



The first letter of the code denotes the day of the week (Sunday=Sunday, Monday=M, Tuesday=Tu, Wednesday=W, Th=Thursday). The second 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 third 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 M1C.4 indicates that this paper is being presented on Monday (M) in the first series of sessions (1), and is the third parallel session (C) in that series and the fourth paper (4) presented in that session.

The information in this program is as of 11 February 2026. All times reflect Pacific Daylight Time (PDT, UTC-07:00). Please consult the conference app for the latest changes.

Technical Registrants: Download digest papers by visiting www.ofcconference.org and clicking on the "Download Technical Digest Papers" from the button on the home page.

Recorded sessions are also available 24 hours after the session by navigating to the Schedule tab. Select a session and click the "Watch Recorded Session" button.

Agenda of Sessions — Sunday, 15 March

	Room 502A	Room 502B	Room 515A	Room 515B	Room 408A	Room 408B
07:30–19:00	Registration Hours , <i>South Hall Lobby</i>					
08:30–12:30	SC105, SC203, SC395, SC432, SC452, SC461, SC469, SC513, SC546					
09:00–12:00	SC114, SC261, SC459					
12:00–13:00	Lunch Break (<i>on own</i>)					
13:00–15:30	S1A • What Will Shape the Future of Optical Computing? Integrated vs. Bulk Optics, Analog vs. Digital	S1B • Optical Networking for AI Data Centers: Technology Enablers and Key Applications	S1C • Anti-Resonant Hollow Core Fiber: The Hype, The Hope, The Headaches	S1D • Chasing the Limit: On the Path to Photonic Scale-Up with Ultra-Low-Energy/Bit	S1E • Toward Holistic Network and Environment Visibility: Are Fiber Sensing and Tomography Ready to Deliver in Real Networks?	S1F • Will Coherent Pluggables Take Over Everything?
13:00–16:00	SC447, SC512					
13:00–17:00	SC443, SC543					
13:30–17:30	SC160, SC216, SC267, SC327, SC384, SC514					
15:30–16:00	Coffee Break , <i>Outside Rooms 408AB, 502AB, 515AB</i>					
16:00–18:30	S2A • MCFs at the Edge of AI: Can They Transform Intra-DC and Campus Connectivity?	S2B • The Intelligent Operator: AI's Role in the Optical Network	S2C • How Far is Too Far? Interconnect Latency and Distributed AI Training	S2D • Is CPO Integration Ready for AI Pipelines?	S2E • Do We Need to Rethink the Role of Networks in the Quantum Era?	S2F • How to Make More Money Out of Optics for Fixed and Wireless Access Networks?
19:00–21:00	Hack Your Research! Tools and Tricks for Today's Telecommunications Techies , <i>Concourse F Room 152</i>					

Short Courses are an excellent training opportunity to learn about new products, cutting-edge technology and vital information at the forefront of communications. They are offered Sunday and Monday and require an additional fee. Go to www.ofcconference.org/program/short-courses for a list of available short courses and the format in which they will be offered.

Key to Shading

 Short Courses

Agenda of Sessions — Monday, 16 March

	Room 403A	Room 403B	Room 408A	Room 408B	Room 411	Rooms 501ABC
07:00–19:30	Registration Hours, <i>South Hall Lobby</i>					
08:00–10:00	M1A • Data Center Interconnection (ends at 09:45)	M1B • Data Center WDM and Comb	M1C • SDM and Multiband Transmission Systems (ends at 09:30)	M1D • LiDAR Systems and Narrow Linewidth Lasers (ends at 09:30)	M1E • Optical Signal Processing, Filtering and Mode Division Multiplexing (ends at 09:30)	M1F • Advances in High-Speed Direct-Detection PON
08:30–12:30	SC325, SC369, SC393, SC444, SC453A, SC454, SC463, SC473, SC483, SC487, SC527					
09:00–12:00	SC177, SC347, SC359, SC465					
10:00–10:30	Coffee Break, <i>Outside Rooms 403AB, 408AB, 502AB, 515AB</i>					
10:30–12:30	M2A • Silicon Photonics Modulators	M2B • IM/DD for Data Center	M2C • Next-generation Optical Transmission Systems	M2D • Reconfigurable Devices and Optical Switches	M2E • Multi-mode Fiber Devices, EDFA Gain Dynamics and Optical Signal Processing	M2F • Novel Architectures and Intelligence for Future Access Networks
12:30–14:00	Lunch Break (<i>on own</i>)					
13:30–16:30	SC408, SC485, SC526					
13:30–17:30	SC217, SC328, SC357, SC431, SC433, SC451, SC453B, SC525, SC528, SC542					
14:00–16:00	M3A • AI Failure and Anomaly Detection in Optical Networks	M3B • Digital and Analog Signal Processing	M3C • Ultra-wideband Transmission Systems	M3D • Optical Phased Arrays, Free Space Beams and Metasurface Devices	M3E • Optical Amplifiers for Space Division Multiplexing	M3F • Optical Switching for AI Networking
14:00–15:30	Dataset and Machine Learning Challenge Presentations, <i>Concourse F Room 152</i>					
14:00–16:00	M3Z • Demo Zone, <i>Concourse F Room 152</i>					
16:00–16:30	Coffee Break, <i>Outside Rooms 403AB, 408AB, 502AB, 515AB</i>					
16:30–18:30	M4A • QoT and AI Based Digital Twins	M4B • Optical Engines	M4C • Optical Parametric and Raman Amplifiers	M4D • Heterogeneous Integrated Devices	M4E • Few-Mode and Multi-Mode Fiber	M4F • Photonic Interconnects for Scalable AI (ends at 18:15)
19:00–21:00	OFC Student Party, <i>33 Taps, 1240 S. Figueroa St.</i>					

Key to Shading

 Short Courses

Short Courses are an excellent training opportunity to learn about new products, cutting-edge technology and vital information at the forefront of communications. They are offered Sunday and Monday and require an additional fee. Go to www.ofcconference.org/program/short-courses for a list of available short courses and the format in which they will be offered.

Room 502A	Room 502B	Room 515A	Room 515B	Room 518
Registration Hours, South Hall Lobby				
M1G • Optical Computing	M1H • High Speed Coherent FSO	M1I • DAS for Geoscience and Emerging Applications (ends at 09:45)	M1J • Hollow-Core Fiber Fabrication and Connectivity (ends at 09:45)	M1K • Advances in Continuous-Variable QKD Systems and Processing
SC325, SC369, SC393, SC444, SC453A, SC454, SC463, SC473, SC483, SC487, SC527				
SC177, SC347, SC359, SC465				
Coffee Break, Outside Rooms 403AB, 408AB, 502AB, 515AB				
M2G • Panel: Scaling Networks for the AI Era: From Data Centers to Wide Area Networks	M2H • Panel: Satellite Optical Networks: Avoiding Vendor Lock-in Through Interoperability	M2I • 6G and Radio Over Fiber	M2J • Hollow-Core Fiber Monitoring and Sensing	M2K • QKD Real-World Deployments
Lunch Break (on own)				
SC408, SC485, SC526				
SC217, SC328, SC357, SC431, SC433, SC451, SC453B, SC525, SC528, SC542				
M3G • Panel: High-Speed Optical Modulators for Intra-Data Center Links: Unlocking 400 Gb/s per Lane and Beyond	M3H. Visible Light and Optical Wireless Communication	M3I • Symposium: Beyond the Atmosphere: Architectures and Technologies for Optical Space Communication I	M3J • Fiber Sensing I	M3K • Machine Learning Assisted Design and Optimization
Dataset and Machine Learning Challenge Presentations, Concourse F Room 152				
M3Z • Demo Zone, Concourse F Room 152				
Coffee Break, Outside Rooms 403AB, 408AB, 502AB, 515AB				
M4G • Panel: Probabilistic Amplitude Shaping after 10 Years: Where Are we Now and What is to Come?	M4H • Practical Demonstrations of THz Communications	M4I • Symposium: Beyond the Atmosphere: Architectures and Technologies for Optical Space Communication II	M4J • Fiber Sensing II	M4K • Fiber Monitoring and Modeling
OFC Student Party, 33 Taps, 1240 S. Figueroa St.				

Agenda of Sessions — Tuesday, 17 March

	Room 403A	Room 403B	Room 408A	Room 408B	Room 411	Rooms 501ABC	Room 502A
07:00–19:00	Registration Hours, South Hall Lobby						
07:30–08:00	Plenary Session Coffee Break, Diamond Ballroom Foyer, JW Marriott						
08:00–10:00	Tu1A • Plenary Session, Diamond Ballroom, JW Marriott						
10:00–17:00	Exhibition Hours, South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)						
10:00–14:00	Dedicated Exhibition-Only Time, South and West Hall						
10:30–12:00	The Art of Writing the Perfect OFC Paper, Room 409B						
12:30–14:00	OFC and Co-Sponsors Awards Ceremony and Luncheon, Platinum E, JW Marriott Separate Registration Required						
12:30–14:00	Lunch Break (on own)						
14:00–16:00	Tu2A • Advanced Coherent Technologies and Event Localization (ends at 15:30)	Tu2B • Single-Core Fiber and Spatial Division Multiplexing	Tu2C • Autonomous Optical Networks	Tu2D • Scaling Photonic Integrated Circuits (ends at 15:45)	Tu2E • Metro-Access Integration and Traffic Optimization	Tu2F • Subsea Cable Sensing	Tu2G • Panel: Machine Learning is Taking Over Optical Communications - But Which Algorithms Should We Use?
16:00–16:30	Coffee Break, Outside Rooms 408AB, 502AB, 515AB						
16:30–18:30	Tu3A • Transmission System Modeling and Its Validation (ends at 18:15)	Tu3B • THz and Microwave Generation	Tu3C • Tunable Microrings, MZIs, Isolators and Athermal PICs	Tu3D • Optical Doped Fiber Amplifiers	Tu3E • Submarine & Hollow-Core Fiber Systems	Tu3F • Satellite Optical Networks	Tu3G • Panel: Artificial Intelligence in Optical Network Control and Management
17:15–18:15	Exhibitor Reception, Lucky Strike, 800 W Olympic Blvd.						
18:30–20:00	Conference Reception, Petree Plaza						
19:30–21:00	Rump Session: From Short Hops to Long Hauls: What Parts of the Fiber Spectrum Shall We Use in the Future and Why?, Room 502A						

Room 502B	Room 515A	Room 515B	Room 518	Expo Theater I  	Expo Theater II Amphenol	Expo Theater III  HYPERLIGHT
Registration Hours, <i>South Hall Lobby</i>				Exhibit Hall Opens at 10:00		
Plenary Session Coffee Break, <i>Diamond Ballroom Foyer, JW Marriott</i>				MW1 • State of the Industry: Now and in 2031 10:30–12:00	SF3 • The Network and System Implications of CPO/ NPO/xPO and the New Photonics Ecosystem for AI/ ML Interconnects 10:30–11:30	SF4 • OpenROADM MSA Updates 10:30–11:30
Tu1A • Plenary Session, <i>Diamond Ballroom, JW Marriott</i>				MW2 • Market Status and Enabling Technologies of 1.6Tbps and Beyond 12:30–14:00	DCSK • Keynote, Scaling with Optics: Building AI Ready Fabrics from IMDD Pluggables to Coherent DCI 12:00–12:30	Technology Showcase: Data Center Reliability in Crisis: Why Past Validation Breaks at 1.6T  KEYSIGHT 11:45–12:15
Exhibition Hours, <i>South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)</i>				MW3 • Recent Advances in AI Cluster Interconnects 14:15–15:45	DCS1 • Data Center Interconnect Trends, Challenges and Opportunities in the AI Era 12:30–14:00	Technology Showcase: Smart Infrastructure Monitoring with Advanced Fiber Optics  Lightera 12:30–13:00
Dedicated Exhibition-Only Time, <i>South and West Hall</i>				SF1 • Future Photonics for AI: From PICs to Pods to Factories 16:00–17:00	DCS2 • Scaling AI Clusters: Challenges in Scale-Up and Scale-Out for Future Growth 14:15–15:45	Technology Showcase: Silicon Micro Lens: The Optical Heart of AI-Driven CPO and OCS Architectures  SUNA 13:15–13:45
The Art of Writing the Perfect OFC Paper, <i>Room 409B</i>					SF2 • Global Forum's Vision for Future Open AI Networking: What Industry Collaboration Is Needed for Scalable AI Cluster Networks? 16:00–17:00	Technology Showcase: Semiconductor-Enhanced Passives: The Evolutionary Path Towards High Speed Transceiver  SUNA 14:00–14:30
OFC and Co-Sponsors Awards Ceremony and Luncheon, <i>Platinum E, JW Marriott</i> <i>Separate Registration Required</i>						SF5 • Advances in International Optical Networks Towards 2030 and Beyond (ION-2030) 14:45–15:45
Lunch Break (<i>on own</i>)						SF6 • OIF Presents CEI-448Gbps – Fast and Furious Signaling Spec Development 16:00–17:00
Tu2H • Photonic Integrated Circuits for Wireless Communications		Tu2J • Inverse Designed Integrated Photonic Components	Tu2K • Entanglement Sources, Distribution and Photonic Architectures			
Coffee Break, <i>Outside Rooms 408AB, 502AB, 515AB</i>						
Tu3H • Beamsteering for Optical Wireless	Tu3I • Symposium: Next Generation Interconnects for AI Scale up Systems I	Tu3J • High-Speed EAMs and EMLs	Tu3K • Quantum Networking Protocols, Control, and Multi-Node Architectures			
Exhibitor Reception, <i>Lucky Strike, 800 W Olympic Blvd.</i>						
Conference Reception, <i>Petree Plaza</i>						
Rump Session: From Short Hops to Long Hauls: What Parts of the Fiber Spectrum Shall We Use in the Future and Why?, <i>Room 502A</i>						
				Exhibit Hall Closes at 17:00		

Agenda of Sessions — Wednesday, 18 March

	Room 403A	Room 403B	Room 408A	Room 408B	Room 411	Rooms 501ABC	Room 502A
07:30–17:00	Registration Hours, South Hall Lobby						
06:00–07:00	OFC Fun Run/Walk, L.A. Live Plaza, Behind JW Marriott						
08:00–10:00		W1A • Thin-Film LN/LT and Silicon Mach-Zehnder Modulators	W1B • Laser Prototypes and Packaging (ends at 09:45)	W1C • High-Speed Transmission Systems (ends at 09:15)	W1D • Transceiver Design, Characterization and Optimization	W1E • Next-Generation Fiber Links (ends at 09:30)	W1F • Multicore Fiber
10:00–17:00	Exhibition Hours, South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)						
10:30–12:00	W2A • Poster Session I, Petree Hall C						
12:00–14:00	Lunch Break (on own; concessions available in Exhibit Hall)						
12:30–14:00	The Journal Review Process: All You Need to Know!, Room 409B						
12:30–14:00	Dedicated Exhibition-Only Time, South and West Hall						
14:00–16:00	W3A • Optical Network Optimization and Scaling I	W3B • Coding, Modulation and DSP	W3C • Photonic AI Computing	W3D • Distributed Sensing I (ends at 15:45)	W3E • Laser Sources and Optical Engines for Optical Interconnection	W3F • Optical Signal Processing (ends at 15:45)	W3G • Panel: How Do We Model Novel Fiber Designs Such as SDM Fibres, Hollow-Core Fibers and Other New Fibers?
16:00–16:30	Coffee Break, Outside Rooms 408AB, 502AB, 515AB						
16:30–18:30	W4A • Optical Network Optimization and Scaling II	W4B • Fiber-to-Chip Coupling	W4C • Wireless Integrated Sensing and Communications	W4D • Distributed Sensing II	W4E • Advanced Semiconductor Laser Sources	W4F • High-Speed Coherent PON Systems and Enabling Technologies	W4G • Panel: Is the Ecosystem Ready for Multicore Fibers?
17:00–18:00	Network Operator Happy Hour, On the DL Lounge						
17:00–19:00	Photonic Society of Chinese Heritage (PSC), Photonic Switching for AI Infrastructure - Architecturing the Next-Generation AI Fabric, Concourse F (Room 152)						

Room 502B	Room 515A	Room 515B	Room 518	Expo Theater I 	Expo Theater II Amphenol	Expo Theater III 
Registration Hours, South Hall Lobby				Exhibit Hall Opens at 10:00		
OFC Fun Run/Walk, L.A. Live Plaza, Behind JW Marriott						
W1G • Co-Existence of Sensing and Communication (ends at 09:45)	W1H • Multi-Band/ Core and Hollow Core Fiber Optical Networks	W1I • Optical Access Network Evolution	W1J • Foundations of Quantum Systems: Hardware, Protocols, and Emerging Architectures	NOSK • Keynote: Evolving Transmission Networks: Towards Disaggregation and Automation 10:15–10:45	SF7 • Ethernet's Accelerating Evolution - Enabling the Expansion of AI 10:30–11:30	Technology Showcase: Leading the Way – Future-ready Test Strategies for PIC and CPO Manufacturing QUANTIFI PHOTONICS <small>A TestPro Company</small> 10:45-11:15
Exhibition Hours, South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)				NOS1 • Realizing IP over DWDM: Benefits, Challenges and Customer Deployments 10:45–12:15	SF8 • 800ZR/LR and 1600ZR/ZR+/CL - Changing the Game... Again 10:45–11:45	SP3 TFLN Photonics at the Inflection Point: Product Readiness, Manufacturing Scaling, Packaging, and Deployment  11:30-12:30
W2A • Poster Session I, Petree Hall C				NOS2 • What's Next in Long-Haul and Carrier Networks? 12:30–14:00	SF9 • AIM Photonics Presents PICs, Heterogeneous Integration & Packaging for Next-Gen Integrated Photonics 13:15–14:15	SP20 Bridging Silicon and Light: Innovations at the Intersection of Semiconductors and Photonics 12:45 - 13:45
Lunch Break (on own; concessions available in Exhibit Hall)				MW4 • Advanced Packaging and CoPackaging for Efficient Optical Systems 14:15–15:45	Technology Showcase: Scaling the AI Data Center: Optical Technologies Redefining Data Center Interconnection LIGHTWAVE + BTR 14:30-15:30	SF10 • Capitalizing on Optics in 5G, 6G and Cloud RAN with Higher Data Rates and Longer Reaches 14:00–15:00
The Journal Review Process: All You Need to Know!, Room 409B				SP1 Architecting the AI Network Infrastructure at Scale  16:00–17:00	Technology Showcase: Engineering the Future of Connectivity: How Optical Technologies are Redefining Data Center Performance Amphenol 15:45-16:45	Technology Showcase: Open-Toolled Gold Box Kit for ELSFP applications: Unlocking High Power External Laser Solutions for Scalable Co-Packaged Optics HITACHI 15:15-15:45
Dedicated Exhibition-Only Time, South and West Hall						
W3H • Panel: The Return of TWDM-PON!	W3I • Symposium: Generative AI for Optical Networking I	W3J • Transmission Systems for Data Center Networks (ends at 15:30)	W3K • Quantum–Classical Coexistence and Access Networks			
Coffee Break, Outside Rooms 408AB, 502AB, 515AB						
W4H • Next-Gen Pluggables & High-Reliability DCI	W4I • Symposium: Generative AI for Optical Networking II	W4J • Ultra-High-Speed Subsystems	W4K • Photonic Integrated Quantum Devices: Sources, Detectors & Receivers			
Network Operator Happy Hour, On the DL Lounge						
Photonic Society of Chinese Heritage (PSC), Photonic Switching for AI Infrastructure - Architecturing the Next-Generation AI Fabric, Concourse F (Room 152)						
				Exhibit Hall Closes at 17:00		

Agenda of Sessions — Thursday, 19 March

	Room 403A	Room 403B	Room 408A	Room 408B	Room 411	Rooms 501ABC	Room 502A
07:30–16:00	Registration Hours, South Hall Lobby						
08:00–10:00	Th1A • Short Reach Optical and THz Interconnects	Th1B • Clock Recovery and EEPN Mitigation	Th1C • Data Center Subsystems (ends at 09:45)	Th1D • Photonics Platforms, Fabrication Methods and Low Loss Materials	Th1E • Terrestrial Free Space Optics (ends at 09:45)	Th1F • Optical Sources and Their Applications	Th1G • Next-Generation Optical I/O (ends at 09:30)
10:00–16:00	Exhibition Hours, South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)						
10:30–12:00	Th2A • Poster Session II, Petree Hall C						
12:00–14:00	Lunch Break (on own; concessions available in Exhibit Hall)						
12:30–14:00	Dedicated Exhibition-Only Time, South and West Hall						
14:00–16:00	Th3A • Subsystems for Novel Transmission Links	Th3B • AI Data Center Networks (ends at 15:15)	Th3C • Co-packaged Optics and Advanced Packaging Techniques (ends at 15:30)	Th3D • Microwave Photonic Systems	Th3E • Access and Converged Network Architectures	Th3F • Photodetectors	Th3G • Panel: Optical Sensing as a Service on Transceiver and Fiber Systems: Catering to More than just Telecom Industry
16:00–16:30	Coffee Break, Outside Rooms 403AB, 408AB, 502AB, 515AB						
16:30–18:30	Postdeadline Paper Sessions, Rooms 502A, 502B, 515A, 515B						

Room 502B	Room 515A	Room 515B	Room 518	Expo Theater I 	Expo Theater II Amphenol	Expo Theater III 
Registration Hours, South Hall Lobby				Exhibit Hall Opens at 10:00		
Th1H • Emerging Photonic Devices and Materials	Th1I • Security & AI-Driven Network Operation (ends at 09:30)	Th1J • Hollow-core Fiber Transmission System (ends at 09:45)	Th1K • Optimization and Virtualization in Future PONs (ends at 09:45)	MW5 • Deployment and Architectural Challenges in Metro, Access and Mobile X-Haul 10:15–11:45 SF11 • AI Scale-up Opportunities with Short-Reach Optical Interconnects 12:15–13:15 SF12 • Fiber Broadband Progress and New Horizons 13:45–14:45 SF13 • Silicon Photonics and Co-Packaged Optics Standardized Ecosystem 15:00–16:00	SF14 • From Access Fiber to Awareness Grid: Deploying DFOS for Security, Reliability and New Services 10:30–11:30 SF15 • Operationalizing Open XR Optics – Enabling Improved Economics in the Optical Networks 12:00–11:00 SF16 • Driving Optical Interconnect Specs for AI 13:30–14:30 SF17 • Standards Update on Multicore Fibre and the Impact of AI on Access and Transport Networks 14:45–15:45	Technology Showcase: Designing for Density: Direct-to-Plug Liquid Cooling for Next-Generation Pluggable Optics  10:15-10:45 Technology Showcase: Beyond SiPh, Game-changing InP Photonic Integration for Next Gen Pluggables in AI Data Centers  11:00-11:30 SF18 • How Will Optical Interconnects Meet AI Demand? 11:45–12:45 Technology Showcase: Near-Package Optics: The Practical Path Beyond CPO  13:45–14:45 SF19 • From Connectivity to Intelligence: Evolving Toward a Converged Multi-Access Optical PON Network 14:30-15:30
Exhibition Hours, South and West Hall (Coffee Service 10:00–11:00, Booths 349, 5041)						
Th2A • Poster Session II, Petree Hall C						
Lunch Break (on own; concessions available in Exhibit Hall)						
Dedicated Exhibition-Only Time, South and West Hall						
Th3H • Programmable Photonics	Th3I • Special Session: Rethinking Networking Convergence from Operational Perspective: Towards a Data and AI-centric Operational Future	Th3J • Coherent for Data Center				
Coffee Break, Outside Rooms 403AB, 408AB, 502AB, 515AB						
Postdeadline Paper Sessions, Rooms 502A, 502B, 515A, 515B				Exhibit Hall Closes at 16:00		