






Agenda of Sessions — Sunday, 8 March

	Room 6C	Room 6D	Room 6E	Room 6F	Room 7
09:00–12:00	SC177, SC208, SC444, SC470, SC485 (additional fee required)				
09:00–13:00	SC105, SC328, SC384, SC395, SC432, SC461, SC469 (additional fee required)				
12:00–13:00	Lunch Break (on own)				
13:00–15:30	S1A • Application and Technology Drivers for Short-reach Coherent Links at 800G and Beyond (Session 1)	S1B • Optical Components for fJ/bit Exascale Computing: How and When?	S1C • What ROADM/OXC Technologies will Cost-effectively Enable Dynamic and Reconfigurable Optical Networks in 5G Era?	S1D • Optics for Neuromorphic Computing and Machine Learning: Status, Prospects and Challenges	S1E • Converged 5G and Heterogeneous Services Access Networks: How to Achieve Ultra-low Latency and High Reliability?
13:00–16:00	SC216, SC217, SC433, SC460 (additional fee required)				
13:00–17:00	SC203, SC267, SC369, SC390, SC463 (additional fee required)				
13:30–17:30	SC443, SC452 (additional fee required)				
15:30–16:00	Coffee Break, Upper Level Corridors				
16:00–18:30	S2A • Application and Technology Drivers for Short-reach Coherent Links at 800G and Beyond (Session 2)	S2B • Are Radical Photonic Devices and Architectures Needed for Future Data Centers?	S2C • Trends and Perspectives in Space-division Multiplexed Transmission and Related Devices	S2D • Network Analytics in the Age of Machine Learning: How to Share Data and Maximize Synergies Among Transport Systems and Network Operators	S2E • Does Disaggregation Support Data Center Evolution?
17:00–20:00	SC205, SC428, SC484 (additional fee required)				
20:00–22:00	Lab Automation Hackathon, Room 17				

Key to Shading

 Short Courses

Agenda of Sessions — Monday, 9 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C 
08:00–10:00	M1A • Edge Computing	M1B • Cognitive Optical Networks	M1C • Photonic Sensors	M1D • Novel Active Devices	M1E • Symposium: Quantum Information Science and Technology (QIST) in the Context of Optical Communications (Session 1) 
08:30–12:30	SC102, SC160, SC178, SC341, SC446, SC448, SC453A, SC468, SC473, SC483, SC487 (additional fee required)				
09:00–12:00	SC114, SC261, SC359, SC408, SC450, SC465, SC486 (additional fee required)				
10:00–10:30	Coffee Break, Upper Level Corridors				
10:30–12:30	M2A • Advanced Active Components	M2B • High-speed Integrated Modulators	M2C • SDM Imaging and Sensing	M2D • Optimizing Network Capacity and Performance	M2E • Symposium: Quantum Information Science and Technology (QIST) in the Context of Optical Communications (Session 2) 
12:30–14:00	Lunch Break (on own)				
13:30–16:30	SC429, SC431, SC447, SC459, SC462, SC464 (additional fee required)				
13:30–17:30	SC325, SC327, SC347, SC357, SC393, SC451, SC453B, SC454, SC472 (additional fee required)				
14:00–16:00	M3A • New Photonic Materials	M3B • Propagation Effects in SMF and SDM Fibers	M3C • Panel: Is it Time to Shift the Research Paradigm in Access Networks from a Focus on More Capacity?	M3D • VCSELS and Surface Normal Devices	M3E • Symposium: The Role of Machine Learning for the Next-generation of Optical Communication Systems and Networks (Session 1) 
14:00–16:15	M3Z • OFC Demo Zone, Room 6A				
16:00–16:30	Coffee Break, Upper Level Corridors				
16:30–18:30	M4A • Quantum Security Subsystems	M4B • Panel: Automotive Communications and Technologies for 10G and Beyond	M4C • MCF Amplifiers and Cable	M4D • Network Design and Switching Architecture	M4E • Symposium: The Role of Machine Learning for the Next-generation of Optical Communication Systems and Networks (Session 2) 

Key to Shading

 Short Courses  Recorded Session

Room 6D ▶	Room 6E ▶	Room 6F ▶	Room 7	Room 8	Room 9
M1F • Next Generation TOSA/ROSA Components ▶	M1G • Machine Learning and its Applications ▶	M1H • Chip-to-chip Optical Interconnects ▶	M1I • Optical Signal Processing	M1J • Positioning Beam-steering for Advanced Wireless Communications	M1K • Dis-aggregated Access Networks
SC102, SC160, SC178, SC341, SC446, SC448, SC453A, SC468, SC473, SC483, SC487 (additional fee required)					
SC114, SC261, SC359, SC408, SC450, SC465, SC486 (additional fee required)					
Coffee Break, Upper Level Corridors					
M2F • Digital Signal Processing and Radio-over-fiber Systems for 5G ▶	M2G • Multiband and SDN for Capacity Scaling ▶	M2H • Access Networks for Mobile and Multi-access Edge Computing ▶	M2I • Photonic Integrated Subsystems	M2J • Data Analytic-based Monitoring	M2K • Neuromorphic I: Device-oriented
Lunch Break (on own)					
SC429, SC431, SC447, SC459, SC462, SC464 (additional fee required)					
SC325, SC327, SC347, SC357, SC393, SC451, SC453B, SC454, SC472 (additional fee required)					
M3F • Wavelength Selective Devices ▶	M3G • Submarine Transmission ▶	M3H • Microwave Photonic Filters ▶	M3I • Optical Wireless: Technology and Applications	M3J • Short-reach Systems I	M3K • Open Network Control and Orchestration
M3Z • OFC Demo Zone, Room 6A					
Coffee Break, Upper Level Corridors					
M4F • High Order Direct Detect Formats ▶ (Ends at 18:15)	M4G • Open Networking Summit: Optical Metro/Aggregation Networks to Support Future Services over 5G ▶ (Ends at 19:00)	M4H • Silicon Photonics and High Density Integration ▶	M4I • Advanced Radio-over-fiber Technology	M4J • Digital Signal Processing I	M4K • High-speed Long-haul Transmission (Ends at 18:15)

Agenda of Sessions — Tuesday, 10 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C	Room 6D	Room 6E
07:30–08:00	Plenary Session Coffee Break, Upper Level, Ballroom 20 Lobby						
08:00–10:00	Plenary Session, Ballroom 20BCD						
10:00–14:00	Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
10:00–17:00	Exhibition and Show Floor, Exhibit Hall (concessions available) OFC Career Zone Live, Exhibit Hall B2						
12:00–14:00	OFC and Co-Sponsors Awards and Honors Ceremony and Luncheon Upper Level, Ballroom 20A						
14:00–16:00	T3A • Linear and Nonlinear Space Division Multiplexing	T3B • Novel Materials	T3C • Lasers for Communications and Sensing	T3D • Quantum and Secure Communications	T3E • Symposium: Emerging Network Architectures for 5G Edge Cloud (Session 1)	T3F • Panel: How Can Machine Learning or, More Broadly, Artificial Intelligence Help Improve Optical Networks?	T3G • Panel: As we Approach Shannon Limit, How do we Precisely Assess the Performance of Coherent Transponders for Field Deployment?
16:00–16:30	Coffee Break, Exhibit Hall						
16:30–18:00	T4A • Radio-over-fiber Technologies for 5G	T4B • Machine Learning for Fiber Amplifier and Sensors	T4C • Neuromorphic II: Entire Aspect	T4D • AI Assisted Access Networks	T4E • Symposium: Emerging Network Architectures for 5G Edge Cloud (Session 2)	T4F • Quantum Networking and Artificial Intelligence	T4G • Optical Transmitter Sub-systems
17:15–18:15	Exhibitor Happy Hour, Center Terrace						
18:15–19:00	Celebrating 50 Years of Light-speed Connections, Keynote Presentation, Ballroom 20BCD						
19:00–20:30	Celebrating 50 Years of Light-speed Connections, Conference Reception, Sails Pavilion						
19:30–21:30	Rump Session: When Will Co-packaged Optics Replace Pluggable Modules in the Datacenter? Room 6F						


Key to Shading

■ Market Watch/Data Center Summit

Recorded Session

Room 6F	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Plenary Session Coffee Break, Upper Level, Ballroom 20 Lobby				Exhibit Hall Opens 10:00		
Plenary Session, Ballroom 20BCD				■ MW Panel I: State of the Industry 10:30–12:00	Ethernet Interoperability and Deployments – New and Legacy Solutions Work Together <i>Ethernet Alliance</i> 10:15–11:15	Product Showcase - Huawei Technologies Canada Co., Ltd. 10:15–10:45
Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)				■ MW Panel II: 5G and Re-thinking Access Networks 12:30–14:00	■ Data Center Summit: Keynote and Panel <i>Session sponsored by InnoLight</i> 11:30–13:45	AIM Photonics Member Successes and Updates <i>AIM Photonics</i> 11:00–12:00
Exhibition and Show Floor, Exhibit Hall (concessions available) OFC Career Zone Live, Exhibit Hall B2				■ MW Panel III: Optical Interconnect and Computing for Scaling Machine Learning (ML) Systems 14:30–16:00	Preparing the Transport Network for 5G <i>Session sponsored by Juniper Networks</i> 13:50–14:50	5G Architectures and Service Considerations 12:15–13:15
OFC and Co-Sponsors Awards and Honors Ceremony and Luncheon Upper Level, Ballroom 20A				OIDA Roadmap on Quantum Photonics 16:15–17:00	Embedded Optics and How They Should Be Done to Support the OEM Eco-system – Panel Debate 15:00–17:00	400ZR Specification Update <i>OIF</i> 13:30–14:30
T3H • Silicon Photonics Applications	T3I • Short-reach Systems II	T3J • Orchestration and Control	T3K • Intra Data Center Networks I			Standards Update on 5G Transport (and more) <i>ITU-T SG15</i> 14:45–15:45
Coffee Break, Exhibit Hall						Accelerating ROI on the Road to SDN <i>SDN</i> 16:00–17:00
T4H • Quantum Dots and Novel III-V Devices	T4I • Long-haul Systems and Non-linear Mitigation	T4J • Multi-core Fibers				
Exhibitor Happy Hour, Center Terrace						
Celebrating 50 Years of Light-speed Connections, Keynote Presentation, Ballroom 20BCD						
Celebrating 50 Years of Light-speed Connections, Conference Reception, Sails Pavilion						
Rump Session: When Will Co-packaged Optics Replace Pluggable Modules in the Datacenter? Room 6F						
				Exhibit Hall Closes 17:00		

Agenda of Sessions — Wednesday, 11 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C ▶	Room 6D ▶	Room 6E ▶
07:30–08:00	Morning Coffee, Upper Level Corridors						
08:00–10:00	W1A • Optical Input/Output and Filters	W1B • Multi-mode Fiber Technology	W1C • Novel Doped Fiber Amplifier	W1D • Short-reach Interconnects	W1E • Advances in Coherent PON ▶	W1F • Intra Data Center Networks II ▶	W1G • Trends in Free Space Optics Communications ▶
10:00–14:00	Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
10:00–17:00	Exhibition and Show Floor, Exhibit Hall OFC Career Zone Live, Exhibit Hall B2						
10:30–12:30	W2A • Poster Session I, Exhibit Hall B1						
	Lunch Break (on own; concessions available in Exhibit Hall)						
14:00–16:00	 Replay recorded tutorial, <i>Machine Learning and its Applications in Optical Communication Systems</i>	W3A • Neuromorphic III: System-oriented	W3B • Panel: Will SDM Truly Revolutionize the Submarine Communication Industry?		W3C • Open Network Architecture (Ends at 15:45) ▶	W3D • High-speed Transmission ▶	W3E • Ultra-wideband Transmission ▶
16:00–16:30	Coffee Break, Upper Level Corridors and Exhibit Hall						
16:30–18:30			W4A • Digital Signal Processing II		W4B • Nonlinear Devices and Amplifiers ▶	W4C • Novel Passive Devices ▶	W4D • Speciality Fibers ▶

Key to Shading

■ Market Watch/Network Operator Summit

▶ Recorded Session

Room 6F	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Morning Coffee, Upper Level Corridors				Exhibit Hall Opens 10:00		
W1H • Symposium: Future Photonics Devices fJ/bit Optical Networks Enabled by Emerging Optical Technologies (Session 1)	W1I • Panel: Pros and Cons of Low-margin Optical Networks	W1J • Advanced Transmission Path Metrics	W1K • Machine Learning for Optical Communication Systems (Begins at 08:45)	NOS Keynote 10:30–11:15	Revolutionizing the Economics of Pluggable Optics with Silicon Photonics <i>Session Sponsored by Juniper Networks</i> 10:15–11:15	Product Showcase <i>Huawei Tech. Co.</i> 10:15–10:45 Product Showcase <i>Xilinx</i> 11:00–11:30
Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)				NOS Panel I: Next Generation Access Network 11:15–12:45	The Disaggregated Transport Network <i>Telecom Infra Project (TIP)</i> 11:30–13:00	Unleashing the Full Potential of Silicon Photonics <i>Session Sponsored by Acacia Communications</i> 13:30–14:30
Exhibition and Show Floor, Exhibit Hall OFC Career Zone Live, Exhibit Hall B2				NOS Panel II: Transport on a Plug 13:30–15:00	■ Data Center Summit 11:30–13:45	Open, Multi-vendor Networks - Design, Management and Operations <i>OpenConfig</i> 15:30–17:00
W2A • Poster Session I, Exhibit Hall B1				■ MW Panel IV: What is Next for Data Center Interconnects (DCIs)? 15:30–17:00	Cloud Network Evolution Bandwidth Drivers <i>IEEE Future Directions</i> 13:15–14:45	Check the OFC Conference App for the latest updates.
Lunch Break (on own; concessions available in Exhibit Hall)					New Optical Module Implementations (and more) New High-bandwidth, Non-DSP Interface for Data Center and Campus Interconnects 15:00–16:00	
W3F • Special Chairs Session: Vision 2030: Taking Optical Communications through the Next Decade (Session 1)	W3G • Datacentre Infrastructure and Metrology		Replay recorded tutorial, <i>SDM Power-efficient Ultra-high Capacity Long-haul Submarine Transmission</i>		112 Gbps Electrical Interfaces <i>OIF</i> 16:15–17:00	
Coffee Break, Upper Level Corridors and Exhibit Hall						
W4E • Special Chairs Session: Vision 2030: Taking Optical Communications through the Next Decade (Session 2)	W4F • Reliability and Test	W4G • Photodetectors and Receivers				
				Exhibit Hall Closes 17:00		

Agenda of Sessions — Thursday, 12 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C	Room 6D	Room 6E
07:30–08:00	Morning Coffee, Upper Level Corridors						
08:00–10:00	Th1A • Advanced Design for Passive Devices	Th1B • High Speed PON	Th1C • Microwave Photonics	Th1D • Pushing the Bit-rate in Practical Networks	Th1E • Symposium: Future Photonics Devices fJ/bit Optical Networks Enabled by Emerging Optical Technologies (Session 2)	Th1F • AI for Reliable Networking	Th1G • Modulation and Coding
10:00–14:00	Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
10:00–16:00	Exhibition and Show Floor, Exhibit Hall OFC Career Zone Live, Exhibit Hall B2						
10:30–12:30	Th2A • Poster Session II, Exhibit Hall B1						
	Lunch Break (on own; concessions available in Exhibit Hall)						
14:00–16:00	Th3A • Disaggregation, Open Platform, SDN, NFV	Th3B • Optical Switching	Th3C • High-speed and Multi-wavelength Devices	Th3D • Machine Learning for Optical Network Performance	Th3E • Optimizing Coherent Transponders	Th3F • Novel Fiber Optic Sensors	Th3G • Panel: Pluggable Coherent Optics for Short-haul/Edge Applications and Beyond
16:00–16:30	Coffee Break, Upper Level Corridors						
16:30–18:30	Postdeadline Papers, Room 6C, 6D, 6E, 6F						

Key to Shading

■ Market Watch/Network Operator Summit

Recorded Session

Room 6F ▶	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Morning Coffee, Upper Level Corridors				Exhibit Hall Opens 10:00		
Th1H • Characterization of SDM Fibers ▶	Th1I • Digital Signal Processing Techniques and Mitigation	Th1J • Panel: Devices and Systems at 130 Gbaud and Above: What is the Outlook?	Th1K • Optical Wireless Sensing Systems for 5G	<p>■ Market Watch Panel V: Inside the Data Center 10:30–12:00</p> <p>■ Market Watch Panel VI: Advanced Packaging and Photonic Integration 12:30–14:00</p> <p>■ Market Watch Panel VII: IP+WDM Architecture Evolution 14:30–16:00</p>	<p>Design Consideration of Next Generation Ethernet Switches with Higher Speed Optics 10:15–11:15</p> <p>System Evaluation of On-board Optics COBO 11:30–12:30</p> <p>Transforming Network Operations through Automation Session Sponsored by Juniper Networks 12:45–13:45</p> <p>Introduction to OpenROADM MSA, Latest Update, and Show Floor Demo Overview 14:00–15:00</p> <p>The World's First Intercontinental Connections... Contrasting Early Terrestrial-subsea Networks with the Present 15:05–16:00</p>	<p>Product Showcase <i>Huawei Technologies USA</i> 10:15–10:45</p> <p>Beyond 400ZR.... What Comes Next? Session Sponsored by Acacia Communications 11:00–12:00</p> <p>3D-sensing Uses in Consumer and Automotive Markets <i>Intel</i> 12:15–13:30</p> <p>POF Symposium <i>POFTO</i> 13:45–14:45</p> <p>Fibre Types and Amplifiers: Choices and Trade-offs 15:00–16:00</p>
Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
Exhibition and Show Floor, Exhibit Hall OFC Career Zone Live, Exhibit Hall B2						
Th2A • Poster Session II, Exhibit Hall B1						
Lunch Break (on own; concessions available in Exhibit Hall)						
Th3H • SDM Transmission ▶ (Ends at 15:30)	Th3I • Optical and Thermal Connectivity	Th3J • Direct Detection Systems and Subsystems (Ends at 15:30)	Th3K • Future and Emerging Access Network Technologies			
Coffee Break, Upper Level Corridors						
Postdeadline Papers, Room 6C, 6D, 6E, 6F				Exhibit Hall Closes 16:00		