

Agenda of Sessions — Sunday, 24 March

	Room 2	Room 6C	Room 6D	Room 6E	Room 6F	Room 7
08:30–12:30	SC105, SC203, SC208, SC216, SC328, SC395, SC432, SC461, SC463, SC469, SC470					
09:00–12:00	SC177, SC359, SC459					
12:00–13:00	Lunch Break <i>(on own)</i>					
13:00–15:30	S1A • Workshop: How Can OFC, with a Real Life Test-Bed, Accelerate Innovation in the Optical Photonic Networks?	S1B • Workshop: How Can Generative AI be Used for Network Operations?	S1C • Workshop: Multi-Fiber/Multi-Core Is Inevitable, Do We Even Need the S-Band?	S1D • Workshop: Are Coherent Transceivers About to Experience a Bandwidth Crunch?	S1E • Workshop: Co-Packaged Optics: Is it Only for the Cloud or Also for the Edge AI Services?	S1F • Workshop: Neural Networks for Optical Fiber Transmission: Hype or Hope?
13:00–16:00	SC408, SC512					
13:00–17:00	SC267, SC514 <i>(new)</i>					
13:30–17:30	Simulating Datacom/Telecom Applications Following Standards Specifications, <i>Room 31C</i>					
15:30–16:00	Coffee Break, <i>Upper Level Corridors</i>					
16:00–18:30	S2A • Workshop: Will Heterogeneous Integration Meet the Needs of Future Applications?	S2B • Workshop: Will Optical Switches Become a Key Element in High-Performance AI/ML Datacenter Networks?	S2C • Workshop: Which Types of Fiber Will Be the Most Suitable for Network Operators in the Near Future?	S2D • Workshop: Coherent Optics for Next Generation 100G/200G PON: Single-Carrier or Multi-Carrier?	S2E • Workshop: Will Linear Pluggable Optics (LPO) Have a Future Beyond 112G?	S2F • Workshop: QKD – An End-Game or Just a Stepping Stone to the Quantum Internet?
19:00–21:00	Hack Your Research! Tools and Tricks for Today's Telecommunications Techies, <i>Room 6A</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 ofcconference.org/shortcourse 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, 25 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C
07:30–08:00	Coffee Break (<i>Upper Level Corridors</i>)				
08:00–10:00	M1A • Fiber Sensing Devices	M1B • Fiber-Based Nonlinear-Optic and Optoelectronic Devices	M1C • Green Transformation: Where Do We Stand? I	M1D • High Power and Narrow Linewidth Lasers	M1E • DSP and Multiplexing Techniques
08:30–12:30	SC160, SC341, SC369, SC393, SC433, SC443, SC444, SC448, SC452, SC453A, SC454, SC473, SC483, SC487, SC513, SC525 (new), SC527 (new)				
09:00–12:00	SC465				
10:00–10:30	Coffee Break (<i>Upper Level Corridors</i>)				
10:30–12:30	M2A • Multi-Mode Propagation in Optical Fibers	M2B • Datacom: Coding and Equalization	M2C • Green Transformation: Where Do We Stand? II	M2D • VCSELs and Modulator Technologies	M2E • SDM Amplifiers and Multiplexers
12:30–14:00	Lunch Break (<i>on own</i>)				
13:30–16:30	SC114, SC217, SC261, SC447, SC485, SC526 (new), SC528 (new)				
13:30–17:30	SC325, SC327, SC347, SC357, SC384, SC431, SC451, SC453B				
14:00–16:00	M3A • Hybrid Integration and Packaging	M3B • SDM Devices and Mode Manipulation	M3C • Quantum Dots Lasers and Comb Generation	M3D • Frontiers of Optical Network Architecture Summit	M3E • Coherent and Direct Detect Datacenter Transmission
14:00–16:00	M3Z • Demo Zone, Room 6B				
16:00–16:30	Coffee Break (<i>Upper Level Corridors</i>)				
16:30–18:30	M4A • Silicon Photonics	M4B • Integrated Devices for Sensing and Metrology	M4C • Machine Learning and Neural Networks	M4D • Resilience in Access Networks	M4E • Data Centre and Submarine
19:00–21:00	Student Party, Coin-Op Gaslamp				


Key to Shading


 Short Courses

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Room 6D	Room 6E	Room 6F	Room 7	Room 8	Room 9
Coffee Break (<i>Upper Level Corridors</i>)					
M1F • Multi Band Transmission Systems	M1G • Optical Networks for Disaggregated and Composable Computing Systems	M1H • Machine Learning for Estimation and Forecasting	M1I • Next Generation Coherent PON	M1J • Waveguide Mode Converters and Fiber-to-Chip Couplers	M1K • Distributed Sensing I
SC160, SC341, SC369, SC393, SC433, SC443, SC444, SC448, SC452, SC453A, SC454, SC473, SC483, SC487, SC513, SC525 (new), SC527 (new)					
SC465					
Coffee Break (<i>Upper Level Corridors</i>)					
M2F • Sub-Millimeter Wave and THz Communication	M2G • Photonic Switched Data Center Networks	M2H • High-Speed Transceivers and Transmission	M2I • Panel: The Role of Digital Twins in Optical Networking	M2J • Quantum Protocols, Simulations and Analysis	M2K • Distributed Sensing II
Lunch Break (<i>on own</i>)					
SC114, SC217, SC261, SC447, SC485, SC526 (new), SC528 (new)					
SC325, SC327, SC347, SC357, SC384, SC431, SC451, SC453B					
M3F • Radio-Over-Fiber and 6G Access	M3G • Panel: The Road Towards 3.2 Tb/s Intra-Data Center Communications	M3H • Advancement in Quantum Key Distribution Systems I	M3I • Transmission Optimization	M3J • Hollow-Core Fibers	M3K • Emerging Modulator Technologies
M3Z • Demo Zone, Room 6B					
Coffee Break (<i>Upper Level Corridors</i>)					
M4F • Advanced Optical Communication Technologies	M4G • ONS: Open and Disaggregated Optical Networking: Where We've Been and What's Coming Next	M4H • Advancement in Quantum Key Distribution Systems II	M4I • Panel: Wideband Optical Amplifiers for Datacenters, Hyperscale Networks and Telecom Networks	M4J • Integrated Optics for Communication and Sensing	M4K • Nonlinear Transmission
Student Party , <i>Coin-Op Gaslamp</i>					


Agenda of Sessions — Tuesday, 26 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	Tu1A • Plenary Session, Ballroom 20BCD						
10:00–17:00	Exhibition and Show Floor Programs, Exhibit Hall (concessions available)						
10:00–14:00	Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
10:00–16:45	Career Zone, Exhibit Hall B1						
10:30–12:00	The Art of Writing the Perfect OFC Paper, 6A						
12:00–14:00	Awards Ceremony and Luncheon, Upper Level, Ballroom 20A						
14:00–16:00	Tu2A • Optical Transmission Techniques	Tu2B • Nonlinear Photonic Devices and Material Platforms	Tu2C • Quantum Components and Quantum PICs	Tu2D • High Speed Transmitters	Tu2E • Advanced Optical Fibers	Tu2F • Moore’s Law: A Photonics Perspective for the Next Decade	Tu2G • Panel: Beyond Two-Core Fibers: Single-Core vs Multi-Core Amplifiers in Long-Haul SDM Links
16:00–16:30	Coffee Break, Exhibit Hall Elevated Coffee Break Sponsored by  Infinera, Booth 4217						
16:30–18:30	Tu3A • CPO and Ecosystems	Tu3B • 6G and Emerging Applications	Tu3C • Quantum Information Generation, Distribution and Processing	Tu3D • High Speed Photodectors	Tu3E • High Bit Rate High Capacity Transmission	Tu3F • Optical Neural Networks	Tu3G • Panel: Cutting-Edge Technologies for Interconnecting AI/ML Clusters
17:15–18:15	Exhibitor Reception, Center Terrace						
18:30–20:00	Conference Reception, Ballroom 20						
19:30–21:30	Rump Session: How Much Optics Does AI Need?, Room 6F						

Room 6F	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Plenary Session Coffee Break, <i>Upper Level, Ballroom 20 Lobby</i>				Exhibit Hall Opens 10:00		
Tu1A • Plenary Session, <i>Ballroom 20BCD</i>				MW1 • MW Panel I: State of the Industry 10:45–12:15 MW2 • MW Panel II: Inside the Data Center Focused on AI/ML 12:30–14:00 MW3 • MW Panel III: Coherent Technology Advancements to Address Next-Gen Networking Requirements 14:15–14:45 CISCO: Who Controls the DCO's in Routers? 16:00–17:00	Next Generation Optical Interconnects for AI Clusters: Beyond Linear Drive Optics 10:45–11:45 DCS1 • Keynote 12:00–12:30 DCS2 • Panel I: ML/AI and Future Networks to Support it 12:30–14:00 DCS3 • Panel II: Lowering Power Consumption in Optical Solutions 14:15–15:45 Photonics in Current and Future Machine Learning Network Infrastructure 16:00–17:00	Conversation with the Plenary Speakers 10:15–10:45 Mobile Optics (MOPA) for 6G: Optical and Operator Requirements for 6G, Tight Sync, Remote Management, 100G bidi, 50G DWDM, Coherent Lite and We're Just Getting Started! 11:00–12:00 Infinera: Architecture the Network for the Terabit Era and in the Shadow of Shannon Sponsored by Infinera 13:00–13:30 OFCnet Panel: Telecom Fiber Networks as the Core of the Next Generation TerraScope 13:45–14:15 F5G Intelligent and Green Networks towards 2030 14:30–15:30
Exhibition and Show Floor Programs, <i>Exhibit Hall</i> (concessions available)						
Exhibit-only Time, <i>Exhibit Hall</i> (coffee service 10:00–10:30)						
Career Zone, <i>Exhibit Hall B1</i>						
The Art of Writing the Perfect OFC Paper, <i>6A</i>						
Awards Ceremony and Luncheon, <i>Upper Level, Ballroom 20A</i>						
Tu2H • Transceiver and Transmission Impairments Mitigation	Tu2I • Panel: Can New Access Technology and Architectures Support the Beyond 5G Network Vision	Tu2J • Fiber Sensing Applications I	Tu2K • Indoor Optical Wireless Communication			
Coffee Break, <i>Exhibit Hall</i> Elevated Coffee Break Sponsored by  Infinera, <i>Booth 4217</i>						
Tu3H • Advanced Optical Subsystems	Tu3I • Disaggregated and Software Defined Access Networks	Tu3J • Fiber Sensing Applications II	Tu3K • High Capacity Radio-over-Fiber Communication			
Exhibitor Reception, <i>Center Terrace</i>						
Conference Reception, <i>Ballroom 20</i>						
Rump Session: How Much Optics Does AI Need?, <i>Room 6F</i>				Exhibit Hall Closes 17:00		

Agenda of Sessions — Wednesday, 27 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C	Room 6D	Room 6E
06:00–07:00	OFC Fun Run, San Diego Convention Center Front Entrance						
07:30–08:00	Coffee Break, Upper Level Corridors						
08:00–10:00	W1A • Integrated Filters for Communication Systems	W1B • Monitoring and Sensing	W1C • Network Control and Orchestration	W1D • Doped Fiber Amplifiers and High Power Laser	W1E • Digital Subsystems for SDM and SCM Transmissions	W1F • Optical Computing and Memory	W1G • Panel: Next Generation Disaggregated Data Centers Using Future Chip to System Photonic Technologies
10:00–17:00	Exhibition and Show Floor Programs, Exhibit Hall, (coffee service 10:00–10:30)						
10:00–16:30	Career Zone, Exhibit Hall B1						
10:30–12:30	W2A • Posters Session I, In-Person, Exhibit Hall B1 W2B • Posters Session II, Remote, eGallery on OFC website Lunch Break (on own; concessions available in Exhibit Hall)						
12:30–14:00	Exhibit-only Time, Exhibit Hall The Journal Review Process: All You Need to Know!, Room 6A						
12:45–13:45	Challenges and Solutions for Realizing Quantum Fiber-Based Networks, Room 3						
14:00–16:00	W3A • Transmitters and Receivers	W3B • Optical Signal Processing	W3C • Network Planning and Operation	W3D • Laser Stabilization and Comb Sources	W3E • Embracing Fiber Sensing: What's the "Killer App" for Large-Scale Deployments? I	W3F • Submarine Long-Haul and Repatterless Transmission	W3G • Coherent DWDM pluggables
16:00–16:30	Coffee Break, Upper Level Corridors and Exhibit Hall Elevated Coffee Break Sponsored by  Infinera, Booth 4217						
16:30–18:30	W4A • THz Processing and Communications	W4B • FSO for Turbulent and Underwater Channels	W4C • Coding and Modulation	W4D • Amplifier Architecture for Data Transmission	W4E • Embracing Fiber Sensing: What's the "Killer App" for Large-Scale Deployments? II	W4F • Optical Architectures and Subsystems for Accelerating ML/AI Applications	W4G • Space Communication
17:00–19:00	Photonics Society of Chinese (PSC) Heritage Workshop and Networking Social, Room 15						

Room 6F	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
OFC Fun Run, San Diego Convention Center Front Entrance				Exhibit Hall Opens at 10:00		
Coffee Break, Upper Level Corridors				NOS1 • Network Operator Summit: Keynote 10:15–10:45	Ethernet Interconnect Solutions: Will The Advancement in Coherent Signaling Leverage DataCom Connect 10:15–11:15	Open XR Optics Forum: Open XR Optics Forum Update 10:15–10:45
W1H • Short-Reach Transmission	W1I • Panel: Photonic Components for In-Physics Computing	W1J • Access, Metro and Mobile Convergence	W1K • Photonic Integration and Integrated Receivers	NOS2 • NOS Panel I: Optical Network Automation 10:45–12:15	CableLabs: Empowering Access Networks with Coherent Optics 11:30–12:30	Open ROADM MSA Updates and Demonstration 13:45–14:45
Exhibition and Show Floor Programs, Exhibit Hall, (coffee service 10:00–10:30)				NOS3 • NOS Panel II: Optics for 5G/6G 12:30–14:00		ATOP: The Road to 200G per Lane 15:45–16:15
Career Zone, Exhibit Hall B1				MW4 • MW Panel IV: Next Generation PON Technologies 14:15–15:45	ITU-T SG15 - Standards Update on Higher Speed PON, Latest OTN Technologies and Interoperable Optical Interfaces 12:45–13:45	
W2A • Posters Session I, In-Person, Exhibit Hall B1 W2B • Posters Session II, Remote, eGallery on OFC website Lunch Break (on own; concessions available in Exhibit Hall)				Coherent Optics Unleashed: From 400ZR Success to 800ZR/LR Advancements and 1600ZR Kick-off 16:00–17:00	IOWN GF's Open APN for the Evolution of Mobile Networks and Cloud-and-Edge Computing 14:00–15:00	
Exhibit-only Time, Exhibit Hall The Journal Review Process: All You Need to Know!, Room 6A					Amphenol: Exploring the Role of Interconnects in Energy Efficient Data Centers 15:15–16:15	
Challenges and Solutions for Realizing Quantum Fiber-Based Networks, Room 3						
W3H • Large Capacity Interconnect	W3I • Panel: Role of Optics for Space Communication	W3J • Multi-Core Fiber Design and Transmission Characteristics	W3K • PICs for Quantum Communication and Quantum Computing: Challenges and Opportunities I			
Coffee Break, Upper Level Corridors and Exhibit Hall Elevated Coffee Break Sponsored by  Infinera, Booth 4217						
W4H • Datacom Modulation and Linear Transceivers	W4I • AI-Based Automation	W4J • Multi-Core Fiber Characterization and Connection	W4K • PICs for Quantum Communication and Quantum Computing: Challenges and Opportunities II			
Photonics Society of Chinese (PSC) Heritage Workshop and Networking Social, Room 15				Exhibit Hall Closes at 17:00		

Agenda of Sessions — Thursday, 28 March

	Room 1A	Room 1B	Room 2	Room 3	Room 6C	Room 6D	Room 6E
07:30–08:00	Coffee Break, Upper Level Corridors						
08:00–10:00	Th1A • Programmable Circuits/Switches and Control Technologies	Th1B • Datacom: VCSELs, Multi-Lambda Sources, Spatial Multiplexing	Th1C • Wireless and Access Quantum Networks	Th1D • Integrated Nonlinear-Optical Devices and Amplifiers	Th1E • Advanced PON Technology	Th1F • Optical Methods and Sensing	Th1G • Open Line Systems and Digital Twins
10:00–16:00	Exhibition and Show Floor Programs, Exhibit Hall						
10:00–15:45	Career Zone, Exhibit Hall B1						
10:30–12:30	Th2A • Posters Session III, In-Person, Exhibit Hall B1 Lunch Break (on own; concessions available in Exhibit Hall)						
12:30–14:00	Exhibit-only Time, Exhibit Hall						
14:00–16:00		Th3B • Practical Security Demonstration	Th3C • Free Space Optical Communication	Th3D • Photonic Integration for Novel Applications	Th3E • MCF Based Transmission	Th3F • Sub-THz and mm-wave Signal Processing	Th3G • Optical Computing and Accelerators
16:00–16:30	Coffee Break, Upper Level Corridors						
16:30–18:30	Postdeadline Paper Sessions, Room 6C, 6D, 6E, 6F						

Room 6F	Room 7	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
<i>Coffee Break, Upper Level Corridors</i>				Exhibit Hall Opens at 10:00		
Th1H • MMF Based Transmission	Th1I • Next Generation ROADMs, Multiband and SDM Networking	Th1J • Short-Reach Transmission Systems		MW5 • MW Panel V: Disaggregation Inside the DC 10:15–11:45	OpenZR+: MSA Updates 10:15–11:15	Current State and Future of Thin-Film Lithium Niobate Photonics 14:45–15:45
<i>Exhibition and Show Floor Programs, Exhibit Hall</i>				MW6 • MW Panel VI: Disaggregation for Network Operators 12:00–13:30	Low-Latency High-Speed Optical Interconnection Technologies for AI Compute Era 11:30–12:30	
<i>Career Zone, Exhibit Hall B1</i>				Energy Efficient Interfaces - Reining in Power Consumption Trends for Next-Generation Optical Networking 13:45–14:45	AIM Photonics Presents PICs, Heterogeneous Integration, and Packaging for Next-Generation Silicon Photonic Applications 12:45–13:45	
<i>Th2A • Posters Session III, In-Person, Exhibit Hall B1 Lunch Break (on own; concessions available in Exhibit Hall)</i>				An Ecosystem Perspective on Scaling Integrated Photonics for the AI Revolution 15:00–16:00	Meeting Rural Broadband Needs with High Capacity PON 14:00–15:00	
<i>Exhibit-only Time, Exhibit Hall</i>						
Th3H • Photonics Manufacturing Technologies	Th3I • Survivability and Fault Management	Th3J • Machine Learning DSP				
<i>Coffee Break, Upper Level Corridors</i>						
<i>Postdeadline Paper Sessions, Room 6C, 6D, 6E, 6F</i>				Exhibit Hall Closes at 16:00		