

# Agenda of Sessions — Sunday, 05 March

	Room 6C	Room 6D	Room 6E	Room 6F	Room 7AB	Room 8
08:30–12:30	SC105, SC203, SC208, SC328, SC395, SC432, SC443, SC461, SC463, SC469, SC470					
09:00–12:00	SC177, SC216, SC444					
12:00–13:00	Lunch Break <i>(on own)</i>					
13:00–15:30	S1A • Workshop: Smart Pluggable Coherent Optics: Is it the End of Layered IP Over DWDM?	S1B • Workshop: Quantum Dots - The Resurrection?	S1C • Workshop: Is Optical Access in Good Shape for the Future?	S1D • Workshop: Will Optics Have a Role to Play in Scaling Out Future Quantum Computing Architectures? I	S1E • Workshop: Is It Really Game Over for the Quest to Approach Fiber Capacity Limits?	S1F • Workshop: Where are the Boundaries Between IM-DD and Coherent?
13:00–16:00	SC447, SC512					
13:00–17:00	SC267, SC384, SC514					
13:00–18:00	Optical Transmission Systems - Design and Simulation Workshop, Room 31A					
15:30–16:00	Coffee Break, Upper Level Corridors					
16:00–18:30	S2A • Workshop: Revolutionary vs. Evolutionary SDM Fibers: Extra Gain at Extra Complexity?	S2B • Workshop: Will Machine Learning be the Killer Application for Optical Networks in Data Centres?	S2C • Workshop: Perennial Bandwidth at Home: LiFi or FiWi?	S2D • Workshop: Will Optics Have a Role to Play in Scaling Out Future Quantum Computing Architectures? II	S2E • Workshop: Does Optics have a Role in Space?	S2F • Workshop: Slow and Wide Versus Fast and Narrow: How Do We Make our Datacenters Green?
19:00–21:00	Hack Your Research! Tools and Tricks for Today's Telecommunications Techies, Room 17					

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](http://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, 06 March

	Room 1AB	Room 2	Room 3	Room 6C	Room 6D
07:30–08:00	Coffee Break, <i>Upper Level Corridors</i>				
08:00–10:00	M1A • Special Session: Ultra-Stable Frequency Sources and their Future Applications in Telecom I	M1B • SDM Devices and Amplifiers	M1C • Circulators, Mode Multiplexers, Dispersion Compensators, Ultrasound and Wavemeters	M1D • Panel: Virtualization in Optical Networks: A Reality Check	M1E • Coherent Technologies for Data Centers
08:30–12:30	SC102, SC160, SC341, SC369, SC433, SC448, SC452, SC453A, SC454, SC472, SC473, SC483, SC487, SC513				
09:00–12:00	SC359, SC450, SC465				
10:00–10:30	Coffee Break, <i>Upper Level Corridors</i>				
10:30–12:30	M2A • Special Session: High Performance Networks of Future Data Center and Computing Applications	M2B • SDM Devices and Systems	M2C • Fiber- and Waveguide-Based Sensors	M2D • High Speed EMLs and DMLs	M2E • Optical Fiber and Device Modelling
12:00–13:00	OFC Mentor/Mentee Meet-up, <i>Room 17</i>				
12:30–14:00	Lunch Break ( <i>on own</i> )				
13:30–16:30	SC114, SC217, SC408, SC459, SC485				
13:30–17:30	SC261, SC325, SC327, SC347, SC357, SC393, SC431, SC451, SC453B				
14:00–15:30	The Journal Review Process: All You Need to Know!, <i>Room 14B</i>				
14:00–16:00	M3A • Symposium: Quantum Information and Optical Communication Networks: Emerging Research Areas, Challenges and Opportunities I	M3B • Multi-Core Fiber	M3C • Free Space and Coupling Devices	M3D • RF and THz Signal Generation	M3E • Enabling Technologies for Data Center and HPC
14:00–16:15	M3Z • OFC Demo Zone, <i>Room 6A</i>				
16:00–16:30	Coffee Break, <i>Upper Level Corridors</i>				
16:30–18:30	Birds of a Feather: Designing and Operating the Next Generation Optical Photonic Networks, <i>Room 14B</i>				
16:30–18:30	M4A • Symposium: Quantum Information and Optical Communication Networks: Emerging Research Areas, Challenges and Opportunities II	M4B • Multi-Mode Fiber	M4C • High Power and Comb Laser Sources	M4D • Panel: 1.6Tb/s+ Intra-DC Networks	M4E • High Bandwidth Density Interconnects for Computing
19:00–21:00	Student Party, <i>Petco Park</i>				

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 Short Courses

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Room 6E	Room 6F	Room 7AB	Room 8	Room 9
<b>Coffee Break, Upper Level Corridors</b>				
<b>M1F • Complexity Optimized Coding and DSP for Optical Communications</b>	<b>M1G • Survivability and Security</b>	<b>M1H • Panel: Towards Standardized PIC Testing: Challenges and Roadmaps</b>	<b>M1I • Photonic Integrated QKD</b> (ends at 09:30)	<b>M1J • Optical Signal Processing</b>
SC102, SC160, SC341, SC369, SC433, SC448, SC452, SC453A, SC454, SC472, SC473, SC483, SC487, SC513				
SC359, SC450, SC465				
<b>Coffee Break, Upper Level Corridors</b>				
<b>M2F • Machine Learning for System Modeling and Channel Equalization</b>	<b>M2G • Data Center Networking and PON Security</b> (ends at 12:15)	<b>M2H • Panel: Connectivity for Beyond 5G: How Can Wireline and Wireless Optical Access Live Up to the Mobile Expectations?</b>	<b>M2I • Innovative QKD Systems</b> (ends at 12:15)	<b>M2J • Optical Computing</b>
<b>OFC Mentor/Mentee Meet-up, Room 17</b>				
<b>Lunch Break (on own)</b>				
SC114, SC217, SC408, SC459, SC485				
SC261, SC325, SC327, SC347, SC357, SC393, SC431, SC451, SC453B				
<b>The Journal Review Process: All You Need to Know!, Room 14B</b>				
<b>M3F • LIDAR, RADAR and Ranging Systems</b>	<b>M3G • Telemetry and Synchronisation</b>	<b>M3H • Panel: Optical Fiber Sensing: Technology and Emerging Applications Part I</b>	<b>M3I • Monolithic or 3D Electro-Optical Integration</b>	<b>M3J • Accurate Frequency/ Time Distribution and Optical Computing</b>
<b>M3Z • OFC Demo Zone, Room 6A</b>				
<b>Coffee Break, Upper Level Corridors</b>				
<b>Birds of a Feather: Designing and Operating the Next Generation Optical Photonic Networks, Room 14B</b>				
<b>M4F • Visible Light Communications and Positioning</b> (ends at 18:15)	<b>M4G • Multi-X Networks</b>	<b>M4H • Panel: Optical Fiber Sensing: Technology and Emerging Applications Part II</b>	<b>M4I • Passive Silicon Photonic Devices</b>	<b>M4J • Photonic Switching Devices</b>
<b>Student Party, Petco Park</b>				

# Agenda of Sessions — Tuesday, 07 March

	Room 1AB	Room 2	Room 3	Room 6C	Room 6D	Room 6E	Room 6F
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, Exhibit Hall (concessions available)						
10:00–14:00	Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)						
10:00–16:45	OFC Career Zone, Exhibit Hall, B2 OFC Career Zone Job Fair   Resume Critique Workshop   Mock Interviews						
11:00–12:00	Optical Communications Technical Group Poster Pitch Competition, Room 3						
12:00–14:00	OFC and Co-Sponsors Awards Ceremony and Luncheon, Upper Level, Ballroom 20A						
14:00–16:00	Tu2A • Symposium: The Crucial Role of Photonics in Achieving the UN Sustainability Development Goals: Learnings and Opportunities I	Tu2B • Photonic Devices for Novel Applications	Tu2C • Deployment and Field Trials	Tu2D • Network Planning and Operation	Tu2E • Co-Packaged and PIC for Data Center Applications	Tu2F • AI and Optimization in (Disaggregated) Networks	Tu2G • Subsea and Long-Haul Transmission
16:00–16:30	Coffee Break, Upper Level Corridors and Exhibit Hall						
16:30–18:30	Tu3A • Symposium: The Crucial Role of Photonics in Achieving the UN Sustainability Development Goals: Learnings and Opportunities II	Tu3B • Photonic Integrated Circuits	Tu3C • New Materials and Technologies	Tu3D • Network Orchestration	Tu3E • SDM - For Short Reach and Long-Haul Transmission Systems	Tu3F • Coexistence and Emerging Use-Cases of PON	Tu3G • Subsea and Sensing Networks
17:15–18:15	Exhibitor Reception, Center Terrace						
18:30–20:00	Conference Reception, Upper Level, Ballroom 20BCD						
19:30–21:30	Rump Session: Is the Silicon Photonics Platform about to be Standardized, Diversified or Supplanted?, Room 6F						

Room 7AB	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		
Tu1A • Plenary Session, Ballroom 20BCD			<b>MW1 • MW Panel I: State of the Industry</b> 10:30–12:00  <b>MW2 • MW Panel II: PAM vs. Coherent for Data Center Connectivity</b> 12:15–13:45  <b>MW3 • MW Panel III: 800G / 128GBaud Pluggable Coherent - Key Technologies and Applications</b> 14:00–15:30  <b>SF1 • COBO: Design Considerations of Optical Connectivity in a Co-Packaged or On-Board Optics Switch</b> 15:45–16:45	<b>SF2 • OCP: Optics in Future AI Systems: Interconnects, Switching and Processing</b> 10:45–11:45  <b>DCSK • Data Center Summit Keynote: Past Experiences and Future Prospects of Data Center Interconnect Optical Networks</b> 12:00–12:30  <b>DCS1 • DCS Panel I: More than a Clos: Future Datacenter Network Architectures and the Role of Optics</b> 12:30–14:00  <b>DCS2 • DCS Panel II: Open Line Systems - Can We Shape "Disaggregation" in One Direction?</b> 14:15–15:45  <b>Amphenol Sponsored Session</b> 15:00–16:00	<b>Conversation with the Plenary Speakers</b> 10:15–10:45  <b>SF3 • ITU-T SG15: Standards Update with the Latest on 5G Transport, Higher Speed PON, SDM, OTN Technologies, and Interoperable Optical Interfaces</b> 11:00–12:00  <b>How Innovations in Coherent Optical Engines Can Deliver Substantial Value to Telecom Networks Presented by Infinera</b> 12:15–12:45  <b>OFCnet Panel</b> 13:15–13:45  <b>OFCnet Optical Engineering and Maintenance</b> 14:15–14:45  <b>SF4 • IEEE Future Directions: Space-Based Optical Communications and Networking</b> 15:00–16:00  <b>OFCnet Quantum Key Distribution</b> 16:15–16:45
Exhibition and Show Floor, Exhibit Hall (concessions available)					
Unopposed Exhibit-only Time, Exhibit Hall (coffee service 10:00–10:30)					
OFC Career Zone, Exhibit Hall, B2 OFC Career Zone Job Fair   Resume Critique Workshop   Mock Interviews					
Optical Communications Technical Group Poster Pitch Competition, Room 3					
OFC and Co-Sponsors Awards Ceremony and Luncheon, Upper Level, Ballroom 20A					
Tu2I • Panel: LiDAR Systems and Technologies with Integrated Photonics	Tu2H • Quantum Computing (ends at 15:45)	Tu2J • Radio-Over-Fiber for 5G and Beyond Systems			
Coffee Break, Upper Level Corridors and Exhibit Hall					
Tu3H • Quantum Interconnect and Hybrid Classical/Quantum Systems	Tu3I • High-Baud Rate Data Center Technologies	Tu3J • W-Band Fiber-Wireless Links			
Exhibitor Reception, Center Terrace					
Conference Reception, Upper Level, Ballroom 20BCD					
Rump Session: Is the Silicon Photonics Platform about to be Standardized, Diversified or Supplanted?, Room 6F			Exhibit Hall Closes 17:00		

# Agenda of Sessions — Wednesday, 08 March

	Room 1AB	Room 2	Room 3	Room 6C	Room 6D	Room 6E	Room 6F
07:30–08:00	Coffee Break, Upper Level Corridors						
07:00–08:30	International Women’s Day Breakfast, Upper Level, Ballroom 20A						
08:00–10:00	W1A • Advanced Photodetectors	W1B • Special Session: Photonics for Visible Wavelengths I	W1C • Fiber Characterization and Fiber Sensing	W1D • Panel: Advanced Packaging Technologies for Optical Modules	W1E • DSP Design and System Modeling	W1F • 5G and Beyond	W1G • Optical Networks for Machine Learning Systems
10:00–17:00	Exhibition and Show Floor, Exhibit Hall, (coffee service 10:00–10:30)						
10:00–16:30	OFC Career Zone, Exhibit Hall OFC Career Zone Job Fair   Resume Critique   Mock Interviews						
10:30–12:00	The Art of Writing the Perfect OFC Paper, Room 14B						
10:30–12:30	W2A • Posters Session I, In-Person, Exhibit Hall B1 W2B • Posters Session II, Remote, ePoster Gallery on OFC website Lunch Break (on own; concessions available in Exhibit Hall)						
12:00–14:00	IEEE/Optica Publishing Group Journal of Lightwave Technology 40th Anniversary Luncheon, Upper Level, Ballroom 20A						
12:30–14:00	Unopposed Exhibit-only Time, Exhibit Hall						
14:00–16:00	W3A • Symposium: Beyond the Hype of Network Analytics: Use Cases, Feasibility and Barriers I	W3B • Special Session: Photonics for Visible Wavelengths II	W3C • Devices for Quantum Technologies (Joint D5/SCQ)	W3D • Modulators and Transceivers	W3E • Transmission Impairment Mitigation and Compensation Techniques	W3F • Convergent Optical Access for Mobile Connectivity	W3G • Photonic Processing for Computing and ML
16:00–16:30	Coffee Break, Upper Level Corridors and Exhibit Hall						
16:30–18:30	W4A • Symposium: Beyond the Hype of Network Analytics: Use Cases, Feasibility and Barriers II	W4B • Lasers and CPO	W4C • Advanced Optical Technologies	W4D • Hollow Core Fiber (ends at 18:15)	W4E • Direct Detection and Short Reach Transmission Systems	W4F • Converged Fixed and Mobile Networks	W4G • Machine Learning for Estimation and Forecasting

Room 7AB	Room 8	Room 9	Room 4	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III	
Coffee Break, Upper Level Corridors				Exhibit Hall Opens at 10:00			
International Women's Day Breakfast, Upper Level, Ballroom 20A				NOSK • Network Operator Summit: Keynote 10:15–10:45	SF5 • Ethernet Alliance: Ethernet in Telecom: The Rise of ZR and ZR+ for Metro (and Beyond?) 10:30–11:30	SWK Series: Next Generation Connectivity Presented by Sumitomo Electric Lightwave 10:15–10:45	
W1H • Optical Performance Monitoring	W1I • Flexible Coherent PON	W1J • Fiber Sensing		NOS1 • NOS Panel I: What's the Value of Optical Network Automation and How Can Optics Help 11:00–12:30	SF6 • OpenZR+: OpenZR+MSA - New Developments and Next Steps 11:45–12:45	OFCnet Quantum Network - Coexistence, Transporting Entanglements 11:00–11:30	
Exhibition and Show Floor, Exhibit Hall, (coffee service 10:00–10:30)				NOS2 • NOS II: Brownfield Applications in Legacy Networks 13:00–14:30	SF7 • OIF: Defining 800ZR and 800LR; an OIF Update 13:00–14:00	OFCnet High Performing Networks Demonstrations 11:40–12:10	
OFC Career Zone, Exhibit Hall OFC Career Zone Job Fair   Resume Critique   Mock Interviews				MW4 • MW Panel IV: Performance-Centric Long Haul 14:45–16:15	SF9 • FBA: The State of Fiber in America 14:15–15:15	With Growing Bandwidth Demand Driving Innovative Optical Technologies, What Is the Impact on Network Architectures Today and Tomorrow? Presented by Infinera 12:20–12:50	
The Art of Writing the Perfect OFC Paper, Room 14B					SF10 • Broadband Forum: Technologies and Focus to Add Value to the Goal of a Single Multi-Access Optical PON Network 15:30–16:30	OFCnet Backstage Pass: Highlighting the Unsung Heroes of Optical Connectivity 13:00–13:30	
W2A • Posters Session I, In-Person, Exhibit Hall B1 W2B • Posters Session II, Remote, ePoster Gallery on OFC website Lunch Break (on own; concessions available in Exhibit Hall)						SF8 • OpenROADM: Open ROADM MSA Updates and Demonstration 13:45–14:45	
IEEE/Optica Publishing Group Journal of Lightwave Technology 40th Anniversary Luncheon, Upper Level, Ballroom 20A						Bringing Order to Chaos – OIF – Part 1 Presented by OIF 15:00–15:30	
Unopposed Exhibit-only Time, Exhibit Hall						Bringing Order to Chaos – OIF – Part 2 Presented by OIF 15:30–16:00	
W3H • Coherent Pluggables and Field Trials	W3I • Enabling Technology for Free Space Optical Communications (ends at 15:45)	W3J • Sensing, Devices and OTDR		W4K • Quantum Networks (ends at 18:15)	Exhibit Hall Closes at 17:00		
Coffee Break, Upper Level Corridors and Exhibit Hall							
W4H • Transmission Systems and Modelling	W4I • Open Networking Summit: Top to Bottom: Practical Approaches to Openness, Disaggregation, and Reaggregation in Optical Communication	W4J • Hybrid Communication/Sensing Systems					

# Agenda of Sessions — Thursday, 09 March

	Room 1AB	Room 2	Room 3	Room 6C	Room 6D	Room 6E	Room 6F
06:00–07:00	Rise and Shine Morning Run/Walk, Hilton Bayfront						
07:30–08:00	Coffee Break, Upper Level Corridors						
08:00–10:00	Th1A • Novel Photonic Devices and Applications	Th1B • Nonlinear-Optical Amplifiers and Oscillators	Th1D • Data Center Networks and Control	Th1C • Panel: Promises, Prospects and Challenges of VCSELs for Data Center Interconnects, Free-Space Communications, and Sensing	Th1E • Beyond 400G Transmission	Th1F • Machine Learning and Advanced Digital Signal Processing	Th1G • Signal Processing in Next-Generation PON
10:00–15:45	OFC Career Zone, Exhibit Hall OFC Career Zone Job Fair   Resume Critique Workshop   Mock Interviews						
10:00–16:00	Exhibition and Show Floor, Exhibit Hall, (coffee service 10:00–10:30)						
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	Unopposed Exhibit-only Time, Exhibit Hall						
13:00–14:00	Personal Branding for Social Media Workshop, OFC Career Zone, Exhibit Hall						
14:00–16:00	Th3A • Novel Enabling Devices	Th3B • Silicon Photonics Devices and Integrated Circuits	Th3C • Doped Fiber Amplifiers	Th3D • Advances in Data Center Switching and Interconnects	Th3E • Modulation Formats	Th3F • Wideband Transmission Systems	Th3G • High Data-Rate Direct Detection in Access (ends at 15:45)
16:00–16:30	Coffee Break, Upper Level Corridors						
16:30–18:30	Postdeadline Paper Sessions, Room 6C, 6D, 6E, 6F						



Room 7AB	Room 8	Room 9	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Rise and Shine Morning Run/Walk, Hilton Bayfront			Exhibit Hall Opens at 10:00		
Coffee Break, Upper Level Corridors			MW5 • MW Panel V: Perspectives on the Future of ROADM Technologies and Architectures for Next-Gen Networks 10:30–12:00	SF11 • AIM Photonics and the Next PIC Generation 11:00–12:00	QXP Innovative Silicon-based Midex Materials for Photonic Integration Presented by QXP Technologies Inc. 10:15–10:45
Th1J • Panel: How Can We Start to Consistently and Quantitatively Account for End-to-End Power Consumption, Beginning with a Focus on 100 Meter Datacenter Links?	Th1I • THz Optical Communications	Th1H • Satellite Communications and UV, LWIR Free Space Optical Communications	MW6 • MW Panel VI: Satellite Communications - Coherent Optics in Free Space 12:15–13:45	SF12 • OIF: Enabling Next Generation Co-Packaging Solutions 12:15–13:15	OFCnet Emerging Technologies 11:00–11:30
OFC Career Zone, Exhibit Hall OFC Career Zone Job Fair   Resume Critique Workshop   Mock Interviews			Cisco Sponsored Session 14:00–14:30	SF13 • IPEC: IPEC Overview of Optoelectronic Technology and Industry Standards in the Cloud Era 13:30–14:30	SF14 • MOPA: Mobile Optics (MOPA) for the 6G Era 13:30–15:00
Exhibition and Show Floor, Exhibit Hall, (coffee service 10:00–10:30)			SF15 • 3D Sensing in High Volume Consumer and Automotive Applications 14:45–15:45	SF16 • F5G Update: The Second Release of Use Cases and Demonstrations 14:45–15:45	
Th2A • Posters Session III, In-Person, Exhibit Hall B1 Lunch Break (on own; concessions available in Exhibit Hall)					
Unopposed Exhibit-only Time, Exhibit Hall					
Personal Branding for Social Media Workshop, OFC Career Zone, Exhibit Hall					
Th3I • Panel: Roadmap for Photonic AI Accelerators	Th3H • Free Space and Optical Camera Communications (ends at 15:45)	Th3J • Advanced Control in Quantum Systems			
Coffee Break, Upper Level Corridors					
Postdeadline Paper Sessions, Room 6C, 6D, 6E, 6F			Exhibit Hall Closes at 16:00		