





Agenda of Sessions — Sunday, 20 March

	Ballroom A 	Ballroom B 	Ballroom C 	Ballroom D 	Ballroom E
09:00–12:00	Short Courses: SC177, SC205, SC266, SC328, SC428 (additional fee required)				
09:00–13:00	Short Courses: SC105, SC114, SC341, SC359, SC384, SC395 (additional fee required)				
13:00–16:00	Short Courses: SC216, SC217, SC373, SC385, SC433 (additional fee required)				
13:00–17:00	Short Courses: SC203, SC288 (additional fee required)				
15:30–18:30	S1A • Workshop: III-V Silicon Photonic Transceivers: Competition or Coexistence?	S1B • Workshop: Do We Need Anything Other Than the C-Band?	S1C • Workshop: To Serialize or not to Serialize? Practical Approaches for Coherent Transmission at and beyond 400G	S1D • Workshop: How will Optical Technologies Support Wireless Communications in 5G and beyond?	S1E • Workshop: Will the Emergence of SDN Change how Data Centers are Built?
17:00–20:00	Short Courses: SC267, SC372, SC411, SC420, SC429 (additional fee required)				

Key to Shading

 Short Courses

 Recorded Session

Agenda of Sessions — Monday, 21 March

	Room 303A	Room 303B	Room 303C	Room 303D	Room 304B
07:00–19:30	OSA Executive Forum, Hilton Anaheim Hotel, California Ballroom A (separate registration required)				
08:30–12:30	Short Courses: S101A, SC102, SC178, SC325, SC347, SC389, SC390, SC392, SC432 (additional fee required)				
09:00–12:00					
09:00–12:00	Short Courses: SC176, SC208, SC409, SC430 (additional fee required)				
12:00–13:30	Lunch Break (on own)				
13:30–15:30	M2A • Coding & Modulation I	M2B • Microwave Photonic Integration	M2C • Hybrid Lasers & Transmitters	M2D • Sensors	M2E • Panel: Real World Experience in Flexible Coherent System Deployments
13:30–16:30	Short Courses: SC261, SC369, SC386, SC431 (additional fee required)				
13:30–17:30	Short Courses: SC101B, SC185, SC327, SC357, SC393, SC408 (additional fee required)				
14:00–20:00	Short Course SC160 (additional fee required)				
15:30–16:00	Coffee Break, Level 3 Foyer				
16:00–18:00	M3A • Coding & Modulation II	M3B • Microwave Photonic Signal Generation	M3C • Coherent and Spatial Multiplexing for Access	M3D • Advanced Fiber Amplifier Technologies	M3E • Photonic Sub-systems for Networks

Key to Shading






Short Courses



Recorded Session

Room 304C	Ballroom A ▶	Ballroom B ▶	Ballroom C ▶	Ballroom D ▶	Ballroom E
OSA Executive Forum, Hilton Anaheim Hotel, California Ballroom A (separate registration required)					
Short Courses: S101A, SC102, SC178, SC325, SC347, SC389, SC390, SC392, SC432 (additional fee required)					
	M1A • Workshop: Connected OFCity Challenge	M1B • Workshop: Do Photonic Foundries Deliver what Users really need and can they ever become Sustainable?	M1C • Workshop: Does Elastic Coherent Bring an End to Filtered Networks?	M1D • Workshop: Is Nonlinearity Mitigation Commercially Viable - If so, Will it be DSP or Optics Based?	M1E • Workshop: Will SDM Systems ever make Sufficient Financial Sense to Justify Extensive Commercial Deployment in Terrestrial Networks? If so, When, Where and Why?
Short Courses: SC176, SC208, SC409, SC430 (additional fee required)					
Lunch Break (on own)					
M2F • Panel: Field Trials Deployments of Advanced Fiber	M2G • Symposia: Optical Interconnects for Large-scale Datacenters and Supercomputers: Technologies, Packaging and Manufacturing I ▶	M2H • Symposia: Technologies That will Shape the Future of Fibre Communications I ▶	M2I • Photonic Coupling ▶	M2J • Agile Networks ▶	M2K • Elastic Network Optimization
Short Courses: SC261, SC369, SC386, SC431 (additional fee required)					
Short Courses: SC101B, SC185, SC327, SC357, SC393, SC408 (additional fee required)					
Short Course SC160 (additional fee required)					
Coffee Break, Level 3 Foyer					
M3F • Advances in Optical Connectivity	M3G • Symposia: Optical Interconnects for Large-scale Datacenters and Supercomputers: Technologies, Packaging and Manufacturing II ▶	M3H • Symposia: Technologies That will Shape the Future of Fibre Communications II ▶	M3I • Switching Devices ▶	M3J • Panel: Network Evolution Paths: From Integrated Superchannels to High-Speed Single-Carrier Networking Solutions ▶	M3K • Cost and Energy-Aware Networking

Agenda of Sessions — Tuesday, 22 March





	Room 303A	Room 303B	Room 303C	Room 303D	Room 304B	Room 304C	Ballroom A 
07:30–08:00	Coffee Break, Hilton Anaheim Hotel, Pacific Ballroom Foyer						
08:00–10:00	Plenary Session, Hilton Anaheim Hotel, Pacific Ballroom, Second Floor						
10:00–14:00	Unopposed Exhibit Only Time, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
10:00–17:00	Exhibition and Show Floor, Exhibit Hall A,B,C (concessions available)						
12:00–13:30	VIP Industry Leaders Networking Event: Connecting Corporate Executives, Recent Graduates and Students, Exhibit Hall (separate registration required)						
12:00–14:00	Awards Ceremony and Luncheon, Hilton Anaheim Hotel, California C (additional fee may apply)						
	Poster Preview, Exhibit Hall B						
14:00–16:00	Tu2A • Transmission Experiments I	TU2B • Radio-over-Fiber	Tu2C • WDM-PON	Tu2D • High-speed Detectors	Tu2E • Nonlinear Effect in Fibers	Tu2F • Wavelength Filtering	Tu2G • Advanced Modulation for Data Center, Interconnects I 
16:00–16:30	Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
16:30–18:30	Tu3A • Transmission Experiments II	Tu3B • Spectral Efficient Radio Over Fiber	Tu3C • TDM-PON	Tu3D • High Speed Transmitters	Tu3E • Advanced Waveguides	Tu3F • Impairment-Aware Networking	Tu3G • Cable Performance & Fiber Design for Coherent DWDM 
17:30–19:00	Exhibitor Reception, Grand Plaza						
18:30–21:30	Conference Reception, Hilton Anaheim, Pacific Ballroom, Second Floor						
19:30–21:30	Rump Session: Integrated (Black Box) vs. Disaggregated (White Box) Networking, Hilton Anaheim Hotel, California A						

Key to Shading

	Short Courses		Market Watch/Service Provider Summit		Recorded Session
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Ballroom B ▶	Ballroom C ▶	Ballroom D ▶	Ballroom E	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Coffee Break, Hilton Anaheim Hotel, Pacific Ballroom Foyer				<p>■ Market Watch State of the Industry - Analyst Panel 10:30–12:00</p> <p>■ Market Watch Intercontinental Networks – Technology Opportunities in the Submarine Interconnection of Data Centers 12:30–14:00</p> <p>■ Market Watch The Promising Market of 100G and Beyond Pluggable Devices – Talk with Experts 14:30–16:00</p>	<p>CEI-56G - Signal Integrity to the Forefront 10:30–11:30</p> <p>Carrier Grade SDN 11:30–13:00</p> <p>Optical Integration with DC & Cloud Hyper Scale Growth 14:00–15:00</p> <p>Multilayer SDN Programmability, Automation, and Analytics 15:00–16:00</p> <p>Customer Voice Benefits in Deploying a Metro IP Transit Architecture 16:00–17:00</p>	<p>Product Showcase 10:15–10:45</p> <p>Start-up Pavilion Presentations 11:00–12:30</p> <p>Next Generation Data Center Optics 12:45–14:45</p> <p>Transport SDN - Getting Down to Business 14:45–15:45</p> <p>The LSO Progress Report: Multi-Operator Carrier Ethernet Service Orchestration from Months to Minutes 16:00–17:00</p>
Plenary Session, Hilton Anaheim Hotel, Pacific Ballroom, Second Floor						
Unopposed Exhibit Only Time, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
Exhibition and Show Floor, Exhibit Hall A,B,C (concessions available)						
VIP Industry Leaders Networking Event: Connecting Corporate Executives, Recent Graduates and Students, Exhibit Hall (separate registration required)						
Awards Ceremony and Luncheon, Hilton Anaheim Hotel, California C (additional fee may apply)						
Poster Preview, Exhibit Hall B						
Tu2H • SDM Networking ▶	Tu2I • EDFA for SDM ▶	Tu2J • Short Reach Systems ▶	Tu2K • Integrated Nonlinear-optical Signal Processing			
Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
Tu3H • Data Centre Summit - Next-generation Data Center Architectures ▶	Tu3I • Components for SDM ▶	Tu3J • Deployment and Development ▶	Tu3K • DSP for Coherent Systems			
Exhibitor Reception, Grand Plaza						
Conference Reception, Hilton Anaheim, Pacific Ballroom, Second Floor						
Rump Session: Integrated (Black Box) vs. Disaggregated (White Box) Networking, Hilton Anaheim Hotel, California A						

Agenda of Sessions — Wednesday, 23 March





	Room 303A	Room 303B	Room 303C	Room 303D	Room 304B	Room 304C	Ballroom A 
07:30–08:00	Coffee Break, Level 3 Foyer						
08:00–10:00	W1A • DSP for Metro Transmission	W1B • Network Survivability	W1C • Panel: Convergence between Submarine and Terrestrial Networks	W1D • Attojoule Optoelectronics (Starts at 09:00)	W1E • Photonic Systems	W1F • SDM Fibers	W1G • Microwave Photonic Signal Processing I 
10:00–17:00	Exhibition and Show Floor, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
10:00–12:00	W2A • Interactive Demo and Poster Session I, Exhibit Hall B						
12:00–13:00	Unopposed Exhibit Only Time, Exhibit Hall A,B,C (concessions available)						
13:00–15:00	W3A • DSP for Nonlinear Transmission	W3B • Network Technology Transition	W3C • Fixed Mobile Convergence II	W3D • Optical Processing of Advanced Modulation Formats	W3E • Fiber Lasers and Reflectometry	W3F • Network Analytics and Configurability	W3G • Deployable DSP 
13:30–15:00	IEEE Young Professionals Lunch and Learn, Room 207D (separate registration required)						
15:00–15:30	Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
15:30–17:30	W4A • Coherent Transceivers	W4B • SDM/WDM Node Architectures	W4C • NG-PON 2	W4D • Optical Regeneration and Phase-sensitive Amplification	W4E • Novel Waveguide Devices and Applications	W4F • SDM Fiber Characterizations	W4G • Advances in Flexible Transport 
17:30–20:00	OSA's Light the Future Speaker Series Explores the Next Century of Innovation in Optics and Photonics, Hilton Anaheim, Pacific Ballroom						

Key to Shading

- Short Courses
 Market Watch/Service Provider Summit
 Recorded Session

Ballroom B ▶	Ballroom C ▶	Ballroom D ▶	Ballroom E	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Coffee Break, Level 3 Foyer				■ Service Provider Summit Keynote: Network Function Virtualization – Hype or Reality? 10:30–11:00 Panel I: Vertically Integrated WDM Platforms vs Open Line Systems 11:00–12:30 Panel II: Optical Layer Flexibility with Next Generation ROADMs 13:30–15:00 ■ Market Watch The Global Colocation Market – Are Worlds Colliding? 15:30–17:00	COBO - What It Is and Why Should You Care? 10:30–12:00 System Disaggregation in Next-Generation Transport Networks 12:30–14:00 The State of Ethernet Optics 14:30–15:30 Ethernet Fiber Optic Cabling Trends 16:00–17:00	Product Showcase 10:15–10:45 Launching & Getting Funding for Start-up Companies 11:00–12:00 Product Showcase 12:00–16:00 Understanding Back Reflectance 16:00–17:00
W1H • Fixed Mobile Convergence I ▶	W1I • Coded Modulation I ▶	W1J • Data Center Architecture I ▶	W1K • Deployable Subsystems and Systems			
Exhibition and Show Floor, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
W2A • Interactive Demo and Poster Session I, Exhibit Hall B						
Unopposed Exhibit Only Time, Exhibit Hall A,B,C (concessions available)						
W3H • AIM Special Session ▶	W3I • Nonlinear Propagation Modelling ▶	W3J • Data Center Architecture II ▶	W3K • Microwave Photonic Signal Processing II			
IEEE Young Professionals Lunch and Learn, Room 207D (separate registration required)						
Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
W4H • Indium Phosphide Photonic Integrated Circuits ▶	W4I • SDM Transmission Modeling ▶	W4J • Advanced Modulation for Data Center Interconnect II ▶	W4K • Photonic Measurement Techniques			
OSA's Light the Future Speaker Series Explores the Next Century of Innovation in Optics and Photonics, Hilton Anaheim, Pacific Ballroom						

Agenda of Sessions — Thursday, 24 March

	Room 303A	Room 303B	Room 303C	Room 303D	Room 304B	Room 304C	Ballroom A 
07:30–08:00	Coffee Break, Level 3 Foyer						
08:00–10:00	Th1A • Multi-Layer Control	Th1B • Advanced Coherent Transmission	Th1C • Switches and Optical Signal Processing Devices	Th1D • Coded Modulation II	Th1E • Network Optimization	Th1F • Silicon Photonics for Datacom	Th1G • DMT & PAM 
10:00–16:00	Exhibition and Show Floor, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
10:00–12:00	Th2A • Interactive Demo and Poster Session II, Exhibit Hall B						
12:00–13:00	Unopposed Exhibit Only Time, Exhibit Hall A,B,C (concessions available)						
13:00–15:00	Th3A • High Bandwidth Transceivers	Th3B • Panel: Flexible Modulation or Flexible Bandwidth, Which One Comes First?	Th3C • FDM/OFDM for Access	Th3D • Nonlinear Transmission Limits and Mitigation	Th3E • Spatial Mode Multiplexing	Th3F • Packaging and Integration for Datacom	Th3G • Advanced Modulation for Data Center Interconnects III 
15:00–15:30	Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
15:30–17:30	Th4A • Analog Transmission		Th4B • Metro-Access Convergence	Th4C • SDM Transmission Experiments		Th4D • Optical Links and Components for Data Center	Th4E • New Transmission Fibers 
17:30–18:00	Beverage Break, Level 3 Foyer						
18:00–20:00	Postdeadline Papers, Location will be announced in the Postdeadline Paper Digest						

Key to Shading

	Short Courses		Market Watch/Service Provider Summit		Recorded Session
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Ballroom B	Ballroom C	Ballroom D	Ballroom E	Exhibit Hall Theater I	Exhibit Hall Theater II	Exhibit Hall Theater III
Coffee Break, Level 3 Foyer				<p>■ Market Watch A Rational Assessment of 400G Ethernet 10:30–12:00</p> <p>■ Market Watch Sanity check – Where are We on 25GE and 50GE? 12:30–14:00</p>	<p>POF Symposium 10:00–13:00</p> <p>IoT Industrial Deployment 13:30–14:30</p>	<p>Product Showcase 10:15–10:45</p> <p>Impact of Mega Data Centers on the Industry Supply Chain 11:00–12:30</p> <p>Understanding Optical Signal-to-Noise Ratio 13:00–14:00</p>
Th1H • Free Space Optical Links	Th1I • FTTX and 25G-based PONS	Th1J • Few-mode Fibers	Th1K • Resonators			
Exhibition and Show Floor, Exhibit Hall A,B,C (coffee service from 10:00–10:30)						
Th2A • Interactive Demo and Poster Session II, Exhibit Hall B						
Unopposed Exhibit Only Time, Exhibit Hall A,B,C (concessions available)						
Th3H • Time-frequency Signal Processing and Sampling	Th3I • Software-Defined Systems and Networks	Th3J • Silicon Photonics I	Th3K • SDN Advancements			
Coffee Break, Exhibit Hall A,B,C and Level 3 Foyer						
Th4F • Mitigation of Transmission Nonlinearities	Th4G • Network Abstraction	Th4H • Silicon Photonics II	Th4I • Panel: Deployable Devices and Techno-Economics for Gigabit Access			
Beverage Break, Level 3 Foyer						
Postdeadline Papers, Location will be announced in the Postdeadline Paper Digest						