

Call for Papers

Abstract and Summary Submission Deadline:
20 October 2026

OFC

The future of optical networking
and communications

Technical Conference: 07 - 11 March 2027

Exhibition: 09 - 11 March 2027

Los Angeles Convention Center

Los Angeles, California, USA

OFCConference.org

Letter from the Chairs

We are proud to present a world-class technical program featuring more than 100 invited speakers and 15 tutorial speakers, with technical content ranging from symposia to special events. We have an exciting show floor program planned with presentations by experts from major global brands and key industry organizations.

There will be interactive workshops and panel sessions that bring together academic and industry leaders in focused areas of expertise. Additionally, over 45 short courses are being offered on Sunday and Monday, providing an opportunity for extended and focused instruction from experts in their fields.

OFC's technical program showcases research that encompasses wide areas of development activity needed to create the networks of the future, ranging from advancements in optical devices and fiber, communications sub-systems and systems, networks and services, quantum secure optical communications and beyond.

In addition to traditional oral presentations and poster sessions, the Demo Zone will provide an opportunity to showcase your research projects and proof-of-concept implementations of the latest technologies, live and interactively.

This year, Dataset submissions will help to establish a collaborative platform for academia and industry by developing, evaluating and showcasing ML techniques applied to diverse datasets.

The paper submission deadline is Tuesday, 20 October 2026 and that date will be here before you know it, so prepare now to send in your latest work. The committee is looking forward to receiving and reviewing your submissions.

OFC 2027 will provide an outstanding opportunity for participants throughout the technical community to gather, network and stay updated on the latest developments throughout optical communications, so mark your calendar and we will see you in Los Angeles.

Sincerely,

Your OFC Program Chairs

John Ballato, Alan Pak Tao Lau and Werner Weiershausen



Key Dates

Abstract and Summary Submission Deadline

20 October 2026,
12:00 pm Eastern
Daylight Time
(UTC -04:00)

Dataset Submission Deadline

20 October 2026,
12:00 pm Eastern
Daylight Time
(UTC -04:00)

Demo Zone Submission Deadline

17 November 2026,
12:00 pm Eastern
Daylight Time
(UTC -04:00)

Author Notifications

14 – 18 December 2026

Advance Registration Deadline

05 February 2027

Postdeadline Paper Submission Deadline

23 February 2027

Technical Conference

07 – 11 March 2027

Exhibition

09 – 11 March 2027

Submit Your Research

Amplify your research – and yourself – on the global stage at OFC 2027. Connect with top-tier minds, spark critical industry discussions and showcase your breakthroughs alongside the world's leading institutions and tech innovators.

Peer-Reviewed

OFC maintains a rigorous peer-review standard for all technical papers. Submissions are thoroughly evaluated through a blind process by members of the Technical Program Committee. To ensure every paper receives the most qualified review, OFC reserves the right to recategorize a submission to the subcommittee that best matches its technical scope.

Publish Your Work

Accepted and presented papers are published on both the IEEE Xplore Digital Library and the Optica Publishing Group platform, two of the world's leading collections of peer-reviewed research. OFC further enhances the visibility of your paper by indexing it in Ei Compendex, Scopus and Google Scholar.

Present Two Ways

Present your research through a dedicated oral presentation or an interactive poster session. Both formats receive equal visibility, with accepted abstracts and summaries published in both the conference program and the Technical Digest.



View submission guidelines

OFCConference.org



Topic Categories

D-TRACK Devices, Components and Fibers	S-TRACK Subsystems and Systems	N-TRACK Networks and Services
D1 Advanced Prototyping, Packaging and Integration	S1 Datacom Subsystems and Systems	N1 Advances in the Development of Networks, Systems and Services
D2 Photonic Integrated Circuits, Micro-Optics, Nanophotonics and Switching Devices	S2 Subsystems for Transmission	N2 Optics and Photonics for Data Center and Computing Applications
D3 Active Optoelectronic Components	S3 Transmission Systems	N3 Architectures, Control and Management of Optical Networks
D4 Fibers, Connectivity, Characterization and Propagation Physics	S4 Fiber-Sensing and Microwave Photonics	N4 Optical Access Networks for Fixed and Mobile Services
D5 Fiber Devices, Fiber Lasers and Amplifiers and Nonlinear Waveguides	S5 Free-Space Optical, Satellite and THz Communications for Space and Other Non-Terrestrial Domains	N5 Market Watch, Network Operator Summit and Data Center Summit (Invited Program Only)

Subcommittee Q (SC-Q): Quantum Devices, Systems, Networking and Secure Optical Communications

SC-Q: This track focuses on photonic-based quantum systems with particular focus on quantum communication, quantum information generation, distribution and processing. Some topic categories include:

- Quantum Networks for Distributed Quantum Computing, Quantum Computing Interconnects and Cryogenic Optical Interconnects
 - Quantum Networks Supporting Classical Applications Such as Position Verification, Decision Coordination, Time Synchronization, Security and Alerting
 - Hybrid Quantum-Classical Networks, Including Teleportation
 - Free-Space and Satellite-Based Quantum Communications
 - Other Physical (Optical) Layer Security Techniques (non-QKD)
- Compilation, Transpilation and Error Correction Algorithms for Networked Quantum Systems
 - Control, Management and Orchestration and Algorithms for Quantum Networks
 - Quantum Networking and Communication Protocols
 - Quantum Network Monitoring
 - Quantum Key Distribution (QKD) Systems and Networks, Including Hybrid QKD-PQC Networks
 - Network Architectures for Security in the Post-Quantum Era

For the complete list of topic categories visit www.ofcconference.org/submit-a-paper/topic-categories/

2027 Chairs

Dataset Submissions

Returning for its second year, Dataset submissions bring together academia and industry to build a shared platform for Machine Learning in optics. Submit real-world datasets from optical devices, platforms and networks to help benchmark next-generation ML techniques. Accepted contributors will showcase their data, hardware specs and collection methods in a dedicated special session. The deadline for submissions is 20 October 2026.

Demo Zone

The Demo Zone features live demonstrations of research projects and proof-of-concept implementations related to novel, non-commercial, optical communication devices, systems and networks. This interactive tabletop presentation mode has separate deadlines and submission requirements. For a full list of Demo Zone topic categories, the submission guidelines and deadlines, visit OFCConference.org.

Student and Early Career Prize Opportunities

Students, recent graduates and early-career professionals are encouraged to present their research. This invaluable experience gives you the opportunity to get your name and research in front of an esteemed, international audience – at a stage in your career when building professional relationships is crucial for future success. When you submit your paper don't forget to opt in for these prize opportunities.

The **Corning Outstanding Student Paper Competition** recognizes innovations in optical communications, research excellence and presentation capabilities. The winner will be awarded USD 3,500.

Enter your paper for the **Tingye Li Innovation Prize** – the grand prize recipient will receive USD 3,000, an invitation to the Chairs' Reception and recognition during OFC.

General Chairs



Mei Du
*Tata Communications,
USA*



Lara Garrett
SubCom, USA



Xiaodan Pang
*Zhejiang University,
China*

Program Chairs



John Ballato
*Clemson University,
USA*



Alan Pak Tao Lau
*Hong Kong Polytechnic
University, Hong Kong
SAR, China*



Werner Weiershausen
*Deutsche Telekom,
Germany*

Start preparing your paper
submission today.

➤ OFCConference.org