S8. Data Center Optical Interconnects and Networks

TOPICS

Technologies for DCI/DCN applications:

- Optical transceiver
- Transceiver architecture and modulation
- Subsystem and digital signal processing
- Forward error correction
- Electronic devices and optoelectronic devices
- Photonic integration
- Advanced co-packaging and on-board optics
- Network control and management
- SDN and NFV
- Modeling and monitoring
- Digital twin
- AI and ML

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Important Dates

Submission Deadline	Notification Date	Registration Deadline
June 15, 2025	July 15, 2025	August 31, 2025
Camera-ready Papers Due	On-site Sign in Date	Main Conference Dates
August 31, 2025	September 09, 2025	September 09-12, 2025

Publication & Submission

- After a rigorous peer-review process, all accepted papers after proper registration and presentation, will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.
- Please send your manuscript to EasyChair online submission system: https://easychair.org/conferences/?conf=ogc2025