Call for Workshop and Special Session Proposals

The Workshop Chairs of ONDM 2027 invite the academic, research, and industrial communities to submit proposals for Workshops and Special Sessions on Optical Networks, to be held in parallel with the main conference track. These activities aim to address emerging topics, recent advances, open challenges, and innovative applications in optical networking. Workshops and Special Sessions will be based on invited contributions only, with their organizers responsible for identifying, inviting, and coordinating the speakers and contributions. The activities should include an initial round of individual invited presentations (10-15 minutes) followed by a panel discussion.

Suggested Topics (non-exhaustive)

- Optical Networks for AI: From Scale-Up to Distributed AI Infrastructures
- AI-Native and Autonomous Optical Networks: From SDN to Agentic AI
- Compute-Network Co-Design for AI, Cloud and Edge Infrastructures
- Future Optical Switching and Interconnect Architectures for AI Factories
- Beyond C+L: New Transmission Technologies for Future Optical Networks
- Convergence of Access, Metro and Data-Center Optical Networks
- Sustainable Optical Networks for the AI Era
- Sensing, Communications and Intelligence over Optical Fibre Infrastructure
- Diversity, education, and skills for the future optical networking community.

Submission Instructions

By 27 November 2026, interested organizers should submit the following:

1. Tentative title and acronym
2. Name and affiliation of activity organizers.
3. Scope and Motivation (~200 words) describing the topic and contribution.
4. Intended duration: Workshop (half-day: 2x 2h sessions) or Special Session (2h session)

Proposals should be submitted via email to Workshop Co-Chairs [lluis.gifre@cttc.es, piotr.lechowicz@chalmers.se] with the subject line: **ONDM 2027 Workshop/Special Session Proposal**

Important Dates

- Proposal submission deadline: 27/November/2026
- Notification of acceptance: 15/January/2027