

T7. Photonic Sensing

Chairs & Co-Chairs



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TOPICS

- Fundamental Principles and Transduction Mechanisms in Photonic Sensing
- Fiber-Optic Sensing Technologies (Distributed, Interferometric, and Grating-Based)
- Integrated Photonic Sensors for High-Precision Measurement
- Plasmonic and Metamaterial-Enhanced Optical Sensing
- Photonic Crystal Sensors and Microresonator-Based Sensing
- Quantum-Enhanced Sensing and Metrology
- Biophotonic Sensing for Biomedical and Clinical Applications
- Environmental and Industrial Photonic Sensing
- Frontier Issues and Emerging Applications in Photonic Sensing

Important Dates

Submission Deadline June 15, 2026	Notification Date July 15, 2026	Early-bird Registration Deadline August 15, 2026
Camera-ready Papers Due August 31, 2026	On-site Sign in Date September 08, 2026	Main Conference Dates September 08-11, 2026

Publication & Submission



- Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.
- Paper Submission Link: <https://easychair.org/conferences/?conf=ogc2026>
Scan the QR code to visit the Easychair submission portal.