

EOS Annual Meeting, EOSAM 2024, brought together photonics experts

The European Optical Society Annual Meeting (EOSAM) 2024 took place from 9th to 13th September in Naples, Italy. Organized by the European Optical Society (EOS) in close collaboration with the Italian Society for Optics and Photonics (SIOF), the Italian branch of EOS, EOSAM continues to be a key international scientific event for the optics and photonics community. With nearly 500 participants, including top researchers, industry leaders, students, and experts, EOSAM serves as a vital platform for collaboration and knowledge exchange.

As a central conference in the European photonics calendar, EOSAM offers a unique space where cutting-edge research converges with industry and education. The event fosters valuable interactions across the photonics spectrum, from emerging talents to experienced professionals.

This year's EOSAM featured ten topical meetings alongside numerous special sessions. The main topics covered Silicon Photonics and integrated optics; Frontiers in Optical Metrology; Optical System Design, Tolerancing and Manufacturing; BioPhotonics and biosensors; Nanophotonics; Optical Materials; Ultrafast Phenomena; Nonlinear and Quantum Optics; Optoelectronics, Nanotechnologies & Microsystems; Applications of Optics and Photonics. The conference included focused sessions on Holography and Structured light, Optical Fibers Technology, Passive Radiative Cooling, Photonics for cultural heritage, and Machine-Learning for Optics and Photonic Computing for AI. Special sessions were organized for Early Stage Researchers; EU Project Dissemination, on Quantum, Sensing, and beyond; in addition to an industrial optics podium session and industrial technologies and systems session.

EOSAM 2024 successfully brought together the photonics community to explore the latest advancements, exchange ideas, and drive the future of optics and photonics.