



Location: Athenas, Greece  
Venue: Wyndham Grand Athens  
Meg. Alexandrou 2, Athina 104 37  
Date: October 29 and 30  
Web: [www.foan.info](http://www.foan.info)

Focuses of FOAN2024:

**1. Telecom:**

- Progressions in PON technology, coexistence, and interoperability; Xhaul networks and 6G connectivity; Convergence of mobile backhaul and FTTH; Quantum Key Distribution in fiber/Free-Space Optical (FSO) access networks; Operation, maintenance, and troubleshooting in telecom (fiber) networks; Energy-efficient photonic access networks.

**2. In house networks:**

- Optical wireless; communications; Home networking for smart-grid applications; WiFi 7, in house PON, GI-POF and other technologies aimed for in-house area; Smart home networks and technologies.

**3. Sensors and sensor networks**

- Manufacturing, Infrastructure, Security; Fiber-Optic Sensing for Oil and Gas and Other Industries; Sensor-as-a-service; Civil security for society; Upper-level protocol in fiber optics (IoT); Implementing AI and ML in photonic and sensor networks.

**Ways to Take Part in FOAN2024:**

- Author of regular paper: peer reviewed accepted papers will be sent to publish on IEEE Xplore;
- Speaker: author of the technical presentation: there has to be novelty (will be revised);
- Invited speaker (alone) - author cannot have a regular paper on FOAN;
- Invited speaker (part of group) - opportunity to present research at early stage.
- Keynote speaker - can include a regular paper in the FOAN2024 program.
- Plenary speaker, talk should be a 45-minute lecture on novel subjects related to fiber optic networks and/or sensor networks, (one per a day);
- Sponsor: Sponsorship proposal will be send on request..

Technical co-sponsors:

- IEEE Photonics Society (confirmed); IEEE Greece chapter (wffc)

Plenary/invited speaker:

- dr. **Ioannis Tomkos**, University of Patras , Greece; dr. **Gerd Keiser**, PhotonicsComm Solutions, Inc, Boston US; mr. **Gorazd Penko**, Head of department, T-2 doo Ljubljana; **Dimitris Polydorou**, Senior Manager, OTE group of companies;

You will hear about the status of the EU project as follows:

- [SEASON](#) by dr. Kyriakos Vlachos (CNIT); HHI in collaboration with ETSI will organize a 1,5 hours workshop about Fifth Generation Fixed Network (F5G)

You will meet:

BH Telecom (confirmed), Hrvatski Telecom (confirmed), OTE/COSMOTE (confirmed), Telecom Slovenia (confirmed), T-2 doo Ljubljana (confirmed), ..