

## Instituto de Telecomunicações hosts the "Quantum Communication & Space" Workshop in September 2024



From the 9th to the 10th of September, the workshop "Quantum Communications in Free Space", the second edition organized within the scope of the [PTQCI – Portuguese Quantum Communication Infrastructure](#) project, will take place at the Telecommunications Institute, located on the Instituto Superior Técnico (IST) Campus, in Lisbon. This event aims to showcase the latest advances and research in quantum communications.

More specifically, the workshop will be dedicated to quantum communications in free space, including satellite-to-earth quantum communications, which play an important role in developing a future global quantum network. New protocols and experimental work will also be addressed and discussed in this context.

The event is aimed at students, researchers, and professionals who want to explore the frontiers of quantum communications and discuss the challenges and innovations required to implement a quantum communications infrastructure on a global scale. The workshop will feature the participation of national and international experts, promoting the sharing of knowledge and the development of an integrated vision on the topic.

The call for posters and talks is open until August 1st. Researchers and experts in the field of Quantum Communications are invited to present their most recent work.

Participation in the workshop is paid and requires mandatory registration via the link <https://forms.gle/i92ZAmBZ9McCCQHT6>. For more information about the program and additional details, visit the official page at <https://ptqci.pt/workshop2.html>.

**The consortium PTQCI's main objective is to develop and deploy quantum communications infrastructure in Portugal within the EuroQCI – European Quantum Communications Network – an initiative that will seek to deploy quantum secure communications over Europe in the next**



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**years. The consortium is made up of universities and research centers such as Instituto de Telecomunicações, ISEL, and IST, national bodies such as GNS, IPQ, and FCCN, industrial entities such as Deimos, Adyta, Omnidea and Warpcom, and telecommunications companies such as IP Telecom and Altice Labs.**

Event location: Anfiteatro Abreu Faro, Instituto de Telecomunicações – Lisboa. Campus Instituto Superior Técnico (IST), Edifício 26. Av. Rovisco Pais, 1, 1049-001, Lisboa – Portugal.



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