

## Quatum Tech Day 2024 – Quantum Computing



**QUANTUM TECH DAY**

**13.03.24** **14:30 - 17:00**  
 Anfiteatro do IT Campus de Santiago, Aveiro

**Computação Quântica**  
**Programa** #QTD24 SEMINÁRIO

14:30-15:30 Computação Quântica Fotónica  
 Ernesto Galvão (INL)

15:30-15:45 Coffee Break

15:45-16:45 Computação Quântica: Uma Abordagem de Engenharia  
 com Matlab  
 Armando Nolasco Pinto (UA/IT)

16:45-17:00 Encerramento

Registration: [julianarcini@av.it.pt](mailto:julianarcini@av.it.pt)







Instituto de Telecomunicações, at University of Aveiro, hosted two talks on Quantum Computing, on March 13, from 14:30 to 17:00.

1. Photonic Quantum Computing by Ernesto Galvão (INL);
2. Quantum Computing: an Engineering approach with MATLAB by Armando Nolasco Pinto (IT - UA).

Ernesto Galvão holds degrees in physics from the University of Oxford (PhD 2002), Federal University of Rio de Janeiro (Master's 1998), and Pontifical Catholic University of Rio de Janeiro (Bachelor's 1996). He was a postdoctoral fellow at Perimeter Institute for Theoretical Physics (Canada) between 2002 and 2005 and is currently on leave from Instituto de Física of Fluminense Federal University (Brazil), where he has been faculty since 2006.

Armando Nolasco Pinto is a Senior researcher at Instituto de Telecomunicações, and an Associate Professor in the Electronic, Telecommunications and Informatics Department of Aveiro University. His main research interests are in optical communication systems, mainly on nonlinear, polarization-dependent, and quantum effects in optical fibers. He received his B.S. (1994) in Electronic and Telecommunications Engineering and Ph.D. (1999) in Electrical Engineering, from the University of Aveiro.

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.