



## Quantum Tech Day

### Workshop of **QuantumMining** and **QuGenome** projects

The Quantum Tech Day will be held on 30 March 2022 and aims at disseminating the latest results of QuantumMining and QuGenome projects.

The Workshop will take place in the amphitheater of Telecommunications Institute (IT), University of Aveiro, Campus of Santiago, 3810-193, Portugal.

Participation will be hybrid (in person or online).

Online participation:

<https://videoconf-colibri.zoom.us/my/armando.nolasco.pinto>

Free but mandatory registration: [quantum.tech.day@av.it.pt](mailto:quantum.tech.day@av.it.pt)

## Program

:: 30th March – Wednesday

### 14h00 – Quantum Mining and QuGenome Projects

*Armando Nolasco Pinto (IT-Aveiro)*

### 14h20 – Privacy and Cooperation in Genomic Medicine

*Ana Catarina Gomes (CBR Genomics)*

### 14h40 – Secure Multiparty Computation

*Paulo Mateus (IT-Lisbon)*

### 15h00 – Continuous-Variable Quantum Key Distribution – A Practical Approach

*Daniel Pereira (IT-Aveiro)*

### 15h20 – Secure Multiparty Computation of Phylogenetic Trees

*Manuel Santos (IT-Lisbon)*

### 15h40 – Coffee break

### 16h00 – Madrid Quantum Network

*Vicente Martin (Universidad Politécnica de Madrid)*

### 16h20 – Quantum Technologies – Huawei Perspective

*Momtchil Peev (Huawei Technologies Duesseldorf GmbH)*

### 16h40 – Visit to the IT Optical Quantum Communications lab

17h30 - Ends

**Organizer:** [Optical Quantum Communications](#) – IT Aveiro

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