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Registration information

# Quantum communications and post-quantum cybersecurity: the next frontier

**Organized by:**

**Funded by**

Global Gateway

Inatel

## Training details

**Modality:** Online instructor led
**Dates:** *30 Mar 2026 - 17 Apr 2026*
**Training fees:** $0.00

**Language:** English
**Application deadline:** 08 Mar 2026
**Training code:** 26OI500351MUL-E-D
**Contact:** danielnunes@inatel.br

## Training description

This 20-hour instructor-led online course is designed to equip government cybersecurity leaders, National Cybersecurity Bodies, and Critical Information Infrastructure Protection Managers with the knowledge needed to understand the quantum threat and transition to post-quantum cybersecurity.

The course will introduce the fundamental concepts of quantum communications, focusing on how quantum computing poses a serious risk to current cryptographic systems such as RSA and ECC. Participants will explore practical solutions for the post-quantum era, including Post-Quantum Cryptography (PQC) and Quantum Key Distribution (QKD). They will also learn how to develop a national roadmap for the transition to post-quantum cybersecurity, based on best practices from global standards and agencies like NIST.

By the end of the course, participants will be prepared to make informed decisions about securing critical systems in the face of quantum threats and developing policies to foster a thriving quantum ecosystem.

With the generous support of the Global Gateway initiative of the European Union, this course is offered for free for selected participants.

For more information about the training objectives, target population, entry requirements, methodology, evaluation and content, consult the page here.

## How to apply

In order to register for the training, applicants should:

1. Create an ITU Academy account here
2. Apply for the course here
3. The selection of participants for the course will be made by the course coordinators, based on the course's entry requirements, selection criteria and available number of seats. If selected, you will receive a notification by email.

The ITU Academy is the International Telecommunication Union leading platform for capacity development initiatives.

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