

# FREE SPACE QUANTUM COMMUNICATION

# WORKSHOP WORKSHOP WORKSHOP

## QUANTUM WORKSHOP

WHAT WILL HAPPEN?

## PTQCI PROJECT

WHO'S ORGANIZING IT?

## INSTITUTO DE TELECOM.

WHERE IS IT TAKING PLACE?

## INSTITUTO SUP. TÉCNICO

WHERE IS IT LOCATED?

## 09 - 10 SEPTEMBER

WHEN WILL IT HAPPEN?

Meet our Speakers!





## Natalia Bruno | Researcher

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Researcher (CNR-INO National Research Council National Institute of Optics, Florence and LENS, European Laboratory for Nonlinear Spectroscopy) Physicist, expert in quantum optics with atoms and light and quantum communication, Chair of PETRUS Use Cases working group.

PI of the activities on atom-photon interfaces for quantum communication at the laboratories of the University of Florence. L'Oréal-UNESCO International Rising Talent Award 2022.



## Marco Avesani | ThinkQuantum

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Marco Avesani received an MSc degree in physics and a PhD in information engineering at the University of Padua, Italy, in 2015 and 2020, respectively.

He is currently a Junior assistant professor at the University of Padua where he works on the security and experimental development of quantum key distribution systems and of quantum random number generators.

He is one of the co-founder of ThinkQuantum, a company specialized in the commercialization of quantum solutions for cybersecurity.



# Davide Rusca | Vigo Quantum Communication Center

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Davide received his M.Sc. in Physics Engineering from Politecnico of Milano in 2016 with a thesis focused on the design and fabrication of photonics chips on glass.

In 2017 he joined the group of Hugo Zbinden in the university of Geneva as a PhD student. His work focused on the security of QKD and on the implementation of QRNG. He received the PhD title in 2021 and after a few years of postdoc in the same group in Geneva, he joined in 2023 the Vigo Quantum Communication Center as a senior researcher and co-lead in the Quantum Communication Technology Group.