

SUMMER SCHOOL

QUANTUM SCIENCE AND TECHNOLOGY

The goal of the **Quantum-NEST School (Quantum Network for Education and Scientific Training)** is to provide an overview of the most recent and exciting evolutions in the **quantum science and technology** field, and on its most exciting developments. The school offers lectures of high-profile scholars in quantum technology: this will provide the students with a clear vision of the main topics and challenges in the field. It will be also a precious networking opportunity to meet established researchers in the field. It is primarily aimed at **master's and PhD students**.



JUNE 23-27, 2025



**UNIVERSITY OF PALERMO -
PALERMO, ITALY**

INVITED LECTURERS

Giulio Crognaletti, Univ. of Trieste
Marcelo Goffman, CEA Saclay
Michele Grossi, CERN
Mauro Paternostro, Univ. of Palermo
Jean-François Roch, ENS Paris-Saclay
Fabio Sciarrino, Univ. of Rome La Sapienza
Ana Silva, Univ. of Porto
Vladyslav Usenko, Palacky Univ. Olomouc

TOPICS

Quantum optics and communication, quantum sensors, quantum materials and out-of-equilibrium dynamics, quantum information, quantum cryptography, quantum computing, quantum machine learning, superconducting qubits.

ORGANIZERS

Marino Marsi (Univ. Paris-Saclay)
Massimo Palma (Univ. of Palermo)
Rinaldo Trotta (Sapienza Univ. of Rome)

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US!**



<https://quantum-saclay.fr/quantum-nest-2025>



SISTE

QUANTUM

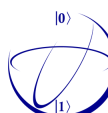
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Erasmus Mundus Joint Master



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