



Department of Physics
University of Pisa

Dipartimento di Eccellenza, 2023-2027



PhD Lectures

Dipartimento di Fisica - Università di Pisa

Maria Longobardi

(University of Basel – NCCR SPIN Qubits)

Qubits and Quantum Sensing: physical platforms and emerging applications

The course provides an overview of physical platforms for qubits and related quantum technologies, introducing key concepts and highlighting selected emerging applications. It offers a broad perspective on current developments, as well as on the challenges and potential of different approaches in the quantum landscape.

Sala Galilei, Edificio C, Dipartimento di Fisica & INFN

19/05/2026, 10:30 - 12:30

20/05/2026, 10:30 - 12:30

21/05/2026, 10:30 - 12:30

22/05/2026, 10:30 - 12:30

This activity is performed in the framework of the project '*Nano-Meta-Materials and Devices: New Frontier Concepts for Particle and Radiation Detection*, (Grant '**Dipartimento di Eccellenza, 2023-2027 from the Italian Ministry of University**, CUP I57G22000720004) at the Department of Physics of the University of Pisa