



Nanotechnology Meets Quantum Information (NanoQI'24)



22.Jul - 25.Jul 2024

Cod. Z17-24

Mod.:

Face-to-face

Edition

2024

Activity type

Workshop

Date

22.Jul - 25.Jul 2024

Location

Miramar Palace

Languages

English

Academic Validity

40 hours

Web

<http://nanoqi.dipc.org>

Organising Committee





Gipuzkoako Foru Aldundia
Diputación Foral de Gipuzkoa

Description

Advances in the understanding and control of the quantum properties of matter and in nanofabrication are laying the groundwork for revolutionary new technologies and information processing capabilities. Following the successful schools in 2016, 2017, 2019 and 2022, the summer school NanoQI'24 provides an introduction to the basics and recent advances in major areas of quantum information theory and solid-state-based quantum technologies. Both the physics of different implementations of quantum information technologies and the applicable theoretical methods are covered.

ORGANIZING COMMITTEE:

Geza Giedke (DIPC, Ikerbasque)

Alejandro González-Tudela (IFF CSIC)

Ataç Imamoglu (ETH Zurich)

Objectives

The school is aimed at PhD students and young postdocs interested in quantum information processing and quantum technologies and offers lectures by leading researchers in the field (both from experiment and theory) that offer an overview of the main concepts and methods and explain promising current research directions. In addition it offers a forum for all participants to present and discuss their own research with their colleagues and senior researchers.

Course specific contributors



Directed by



Geza Giedke

DIPC

Registration fees

REGISTRATION FEES

UNTIL 14-07-2024

Fee Waiver

0 EUR

Regular Attendant

400,00 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa