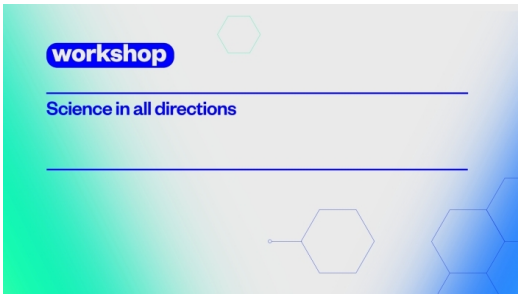
Nanotechnology Meets Quantum Information (NanoQI'22)



30.Ago - 02.Sep 2022

Cód. Z20-22

Mod.:
Online en directo Presencial

Edición
2022

Tipo de actividad
Workshop

Fecha
30.Ago - 02.Sep 2022

Ubicación
Palacio Miramar

Idiomas
Inglés

Validez académica
40 horas

Web
http://nanoqi.dipc.org

DIRECCIÓN

Geza Giedke, DIPC

Comité Organizador

Descripción

The Summer School NanoQI'22 provides an introduction to the basics and recent advances in 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.

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 provide 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.

Objetivos

Provide an introduction to the basics, aims, methods, and recent advances in quantum information theory and solid-state-based quantum technologies.

Provide a forum where young researchers can learn from recognized leaders in the field, meet and connect to colleagues and present their own research.

Colaboradores específicos del curso

Centro de Ciencias de Benasque
Pedro Pascual

Dirigido por:

Geza Giedke

DIPC

Profesorado

Markus Aspelmeyer

Faculty of Physics, University of Vienna

Carlo Beenakker

Leiden University

Juan José García Ripoll

Andreas Heinrich

Jason Petta

Peter Rabl

TU Wien

Jelena Vuckovic

Stanford University

Pascale Senellart

Precios matrícula

REGISTRATION FEES	HASTA 18-08-2022
Regular attendant	280,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa