



# 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**

Fundación  
BBVA



## 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

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# Profesorado



**Markus Aspelmeyer**

Faculty of Physics, University of Vienna

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**Carlo Beenakker**

Leiden University

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**Juan José García Ripoll**

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**Andreas Heinrich**

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**Jason Petta**

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**Peter Rabl**

TU Wien

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**Jelena Vuckovic**

Stanford University

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**Pascale Senellart**

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# 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