Nanotechnology Meets Quantum Information (NanoQI'17)

23.Jul - 28.Jul 2017

Cod. Z14-17

Mod.:
Face-to-face

Edition
2017

Activity type
Workshop

Date
23.Jul - 28.Jul 2017

Location
Miramar Palace

Languages
English

Academic Validity
50 hours

Organising Committee

Description

The summer school NanoQI'17 provides an introduction to the basics and recent advances in major areas of quantum information theory and solid-state-based quantum technologies. Leading experts in the field present both the physics of different implementations of quantum information technologies and the theoretical methods on which the understanding and control of the quantum properties of matter are based and which are laying the groundwork for revolutionary new technologies.

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.

Organizing Commitee

J. Ignacio Cirac (Max-Planck-Institut für Quantenoptik-Garching b.München, Germany)

Geza Giedke (Ikerbasque Research Professor at Donostia International Physics Center-Donostia-San Sebastian)

Alejandro González-Tudela (Max-Planck-Institut für Quantenoptik-Garching b.München, Germany)

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Course specific contributors

Directed by

Geza Giedke

DIPC

Registration fees

REGISTRATION FEES	UNTIL 03-07-2017
Invited Speaker	0 EUR
Students	0 EUR
Regular Fee	300,00 EUR

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa