Nanotechnology Meets Quantum Information (NanoQI)

10.Jul - 14.Jul 2016

Cód. 119-16

Mod.:
Presencial

Edición
2016

Tipo de actividad
Workshop

Fecha
10.Jul - 14.Jul 2016

Ubicación
Palacio Miramar

Idiomas
Inglés

Web
http://nanoqi.dipc.org

DIRECCIÓN

Geza Giedke, DIPC

Comité Organizador

Descripción

Seven leading experts will review the experimental and theoretical state-of-the-art for some of the most promising implementations such as semiconductor quantum dots, superconducting circuits, defect centers in diamond, photonic crystal structures, or topological insulators and explore the prospects of quantum computing, quantum simulation, and the physics of quantum many-body systems. Ample time is allotted for discussions and the participants can present their research at a poster session.

Objetivos

Ever smaller and better designed semiconductor structures are reaching the quantum realm, leading to new promises and challenges in information processing. This school gives an introduction into the basics and recent advances in different areas of quantum information theory and solid-state-based quantum technologies. Both the basic 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 with interest in quantum information and its (solid-state) implementation.

Website of the congress: http://dipc.ehu.es/sch_presentacion.php?id=134

Colaboradores específicos del curso

Dirigido por:

Geza Giedke

DIPC

Precios matrícula

REGISTRATION	HASTA 14-07-2016
INVITED SPEAKERS	0 EUR
SCHOLARSHIP STUDENTS	0 EUR
STUDENTS	200,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa