Nanotechnology meets Quantum Information

July 11 to 14, 2016 — Donostia-San Sebastián

Ever smaller and better designed semiconductor structures are reaching the quantum realm, leading to new promises and challenges in information processing. In the school ”Nanotechnology meets Quantum Information” seven leading experts will provide a comprehensive and broad overview about different implementations for both quantum information processing and quantum simulation enabled by recent progress in nanotechnologies and the experimental and theoretical challenges in exploring the prospects of quantum computing, quantum simulation, and the physics of quantum many-body systems.

Information and Registration: http://nanoqi.dipc.org/
Application Deadline: April 30th, 2016
School fee: 200EUR

Lectures by:

Darrick E. Chang   Liang Fu   Atac Imamoglu   Daniel Loss
J. Ignacio Cirac   Mikhail D. Lukin   Andreas Wallraff

Organization: Géza Giedke (DIPC)
Alejandro González-Tudela (MPQ)
J. Ignacio Cirac (MPQ)
email: nanoqi@dipc.org
Program

Summerschool Nanotechnology meets Quantum Information (NanoQI)

July 11 to 14, 2016, Palacio Miramar, Donostia-San Sebastián,

organized by MPQ and DIPC

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<td><strong>Sunday 10.7.</strong></td>
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(*)lecture schedule still subject to change

Organizers: J. Ignacio Cirac, Géza Giedke, Alejandro González-Tudela

Local organizer: Géza Giedke

Contact: nanoqi@dipc.org, Tel. +34 943 01 8289 (DIPC)

Website: http://nanoqi.dipc.org/

Venue: Palacio Miramar, Paseo de Miraconcha, 48, E-20007 Donostia-San Sebastián  
Tel.: +34 943 21 9511, fax: +34 943 21 9598, email: udaikastaroak@ehu.eus

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