

Summerschool

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

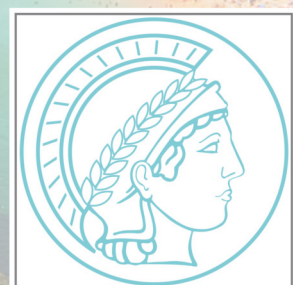
Andreas Wallraff

Organization: Géza Giedke (DIPC)
Alejandro González-Tudela (MPQ)
J. Ignacio Cirac (MPQ)
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Universidad
del País Vasco

Euskal Herriko
Unibertsitatea



MPQ

Program

Summerschool Nanotechnology meets Quantum Information (NanoQI)

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

organized by MPQ and DIPC

NanoQI 2016 Preliminary(*) Program					
	Sunday 10.7.	Monday 11.7.	Tuesday 12.7.	Wednesday 13.7.	Thursday 14.7.
08:30		Registration			
09:00		Cirac	Cirac	Lukin	Wallraff
10:45		coffee break	coffee break	coffee break	coffee break
11:15		Chang	Chang	Imamoğlu	Fu
13:00		lunch	lunch	lunch	lunch
14:30		Loss	Loss	Fu	Imamoğlu
16:15		Posters	coffee break	coffee break	coffee break
16:45	registration and welcome reception	and Refreshments	topical discussions	Wallraff	Lukin
21:00			school dinner		
(*)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/>

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