



Frontiers in Quantum Materials and Devices (FQMD)



12.Jul - 14.Jul 2017

Cód. Z11-17

Mod.:

Presencial

Edición

2017

Tipo de actividad

Workshop

Fecha

12.Jul - 14.Jul 2017

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

20 horas

Web

<http://ciqm.harvard.edu/fqmd-2017-frontiers-in-quantum-materials-and-devices.html>

DIRECCIÓN

Vitaly Golovach, Ikerbasque Research Fellow, Materialen Fisika Zentroa CFM and Donostia International Physics Center, Ikerbasque Research Fellow

Naomi Brave, Center for Integrated Quantum Materials. Harvard University

Comité Organizador



Descripción

The workshop will focus on exciting discoveries in Atomic-scale Electronics, Photonics, and Quantum Information Science. Quantum materials offer dramatically new approaches for electronics and photonics, but their characteristics, and the techniques to make devices and interconnected systems are largely unknown. The Frontiers in Quantum Materials and Devices workshops address this challenge by bringing together experts in materials growth and characterization, device fabrication and testing, and theoretical modeling. Through interactive talks and discussions, they can develop the science and technology needed to advance the science and move toward applications.

Organizing committee:

Robert Westervelt. Center for Integrated Quantum Materials. Harvard University. Cambridge, MA 02138, USA

Daniel Loss. University of Basel. Basel, Switzerland

Vitaly Golovach. kerbasque Research Fellow. Materialen Fisika Zentroa CFM and Donostia International Physics Center. Donostia / San Sebastian.

Objetivos

To bring together leading experts working on the frontiers of quantum materials and devices.

To present and discuss the recent developments in the field and determine directions of future research.

To facilitate discussion and foster collaboration between theoretical and experimental physicists, including local scientists in Donostia.

To create the conditions for young and brilliant scientists to present their work and make themselves visible in this rapidly developing field.

Colaboradores específicos del curso



Dirigido por:



Vitaly Golovach

Ikerbasque Research Fellow, Materialen Fisika Zentroa CFM and Donostia International Physics Center, Ikerbasque Research Fellow



Naomi Brave

Center for Integrated Quantum Materials. Harvard University

Precios matrícula

REGISTRATION FEES	HASTA 31-05-2017	HASTA 02-07-2017	HASTA 12-07-2017
INVITADO	0 EUR	-	-
Invited Speaker	-	0 EUR	-
Students	-	0 EUR	-
GENERAL	-	-	200,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa