



Frontiers in Quantum Materials and Devices (FQMD)

**Frontiers in
Quantum Materials & Devices
Workshop**

Atomic-scale Electronics and Photonics
Quantum Information Science

July 13-14, 2017
Palacio Miramar
Donostia / San Sebastián
Basque Country, Spain

Speakers
James Analytis (UC Berkeley)
Javier Aizpurua (CFM)
Deji Akinwande (UT Austin)
Tommaso Calarco (Ulm)
Claudia Felser (MPI)
Yoshiro Hirayama (Tohoku)
Pablo Jarillo-Herrero (MIT)
Masashi Kawasaki (U Tokyo)
Andras Kis (EPFL)
Jelena Klinovaja (Basel)
Leo Kouwenhoven (Delft)
Marko Loncar (Harvard)
Vidya Madhavan (Illinois)
Florian Marquart (MPI)
Seigo Tarucha (U Tokyo)
Yoshinori Tokura (U Tokyo)

Sponsored by
STC for Integrated Quantum Materials
(Harvard, Howard University, MIT
Museum of Science, Boston)
Donostia International Physics Center
Universität Basel

12.Jul - 14.Jul 2017

Cod. Z11-17

Mod.:

Face-to-face

Edition

2017

Activity type

Workshop

Date

12.Jul - 14.Jul 2017

Location

Miramar Palace

Languages

English

Academic Validity

20 hours

Organising Committee



Description

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.

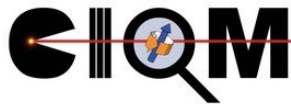
Organizing committee:

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

Course specific contributors



Directed by



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

Registration fees

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

Place

Miramar Palace

Pº de Miraconcha nº 48. Donostia / San Sebastián

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