



International Workshop on Quantum Spintronics at Interfaces (MAGNON)



Ira. 04 - Ira. 08 2017

Kod. Z20-17

Mod.:

Aurrez aurrekoa

Edizioa

2017

Jarduera mota

Workshop

Data

Ira. 04 - Ira. 08 2017

Kokalekua

Miramar Jauregia

Hizkuntzak

Ingelesa

Balio akademikoa

50 ordu

Antolakuntza Batzordea



Azalpena

The workshop will focus on novel phenomena occurring at interfaces between metallic conductors and magnetic insulators as well as in recently-discovered quantum magnetic materials, both offering a rich playground for Quantum Spintronics. The workshop will bring together leading experts, experimentalists and theorists, working at the crossroads between magnon spintronics and quantum magnetism. We will discuss recent developments in electrical control and detection of spin currents through magnetic insulators, collective spin transport and spin waves, quantum correlations and novel quantum heterostructures for spintronics, bosonic condensation and superfluidity of magnons, topological order and dynamics in quantum magnetic materials. We hope the workshop will foster collaborations in this rapidly developing field, important for the fundamental physics and applications.

Organizing committee:

Yaroslav Tserkovnyak. Department of Physics & Astronomy, University of California. Los Angeles, California. United States

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

Ikastaroaren laguntzaile espezifikoak



Zuzendaritza



Vitaly Golovach

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



Yaroslav Tserkovnyak -

Department of Physics & Astronomy, UCLA, -

Matrikula prezioak

REGISTRATION

2017-08-29 ARTE

Invited Speaker

0 EUR

Regular Fee

300,00 EUR

Kokalekua

Miramar Jauregia

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Gipuzkoa