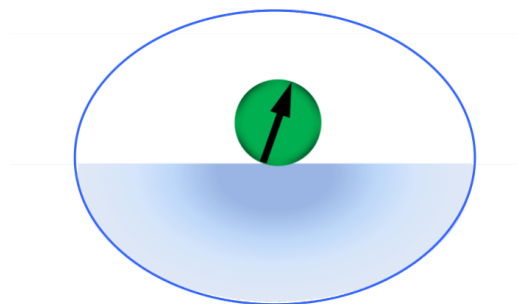




Spins on Surfaces II (SOS2)



10.Sep - 14.Sep 2018

Cód. Z05-18

Mod.:

Presencial

Edición

2018

Tipo de actividad

Workshop

Fecha

10.Sep - 14.Sep 2018

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

50 horas

Web

<http://sos2.dipc.org>

DIRECCIÓN

Deung-Jang (DJ) Choi ---, Centro de Física de Materiales (CSIC-UPV/EHU)

Comité Organizador



Descripción

Following the very successful SoS meeting of 2016 at the Miramar palace, we plan on hosting the second SoS workshop. The topic is timely and in expansion. We increase the original scope of the workshop to include the very exciting developments in quantum information thanks to the new ability of the scanning tunneling microscope (STM) to measure and control quantum spins. Then, the workshop will be devoted to the study of single magnetic moments on solid surfaces, their detection, manipulation, and encoding of quantum information. The single magnetic moments can be in atomic or molecular form, both systems having interesting properties to explore. Of great interest, the detection of spin resonance signal is becoming a landmark, and it is important to keep updated in this quickly developing field. The problems of correlations and the building in of information by manipulation and assembling quantum objects in a bottom up approach will also be a key component of the workshop.

This workshop is planned for September 10-14, 2018 at the Palacio de Miramar, San Sebastian, Spain.

Organizing committee:

Deung-Jang Choi, DIPC, Donostia-San Sebastian (chair)

Andreas Heinrich, Center for Quantum Nanoscience, Korea

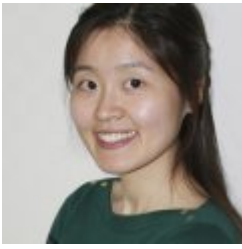
Objetivos

The Scanning Tunneling Microscope is giving unprecedented insight into magnetic phenomena on the atomic scale. The objective of this meeting is to share the state-of-the-art among the actors in this field, as well as among interested students/researchers in related areas.

Colaboradores específicos del curso



Dirigido por:



Deung-Jang (DJ) Choi ---

Centro de Física de Materiales (CSIC-UPV/EHU)

Precios matrícula

REGISTRATION FEES	HASTA 14-09-2018
INVITED SPEAKER / ORGANIZER	0 EUR
REGULAR FEE	250,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa