



Topological Matter: From Basic to Advanced (TMS17)

21.Ago - 25.Ago 2017

Cód. Z19-17

Mod.:
Presencial

Edición
2017

Tipo de actividad
Workshop

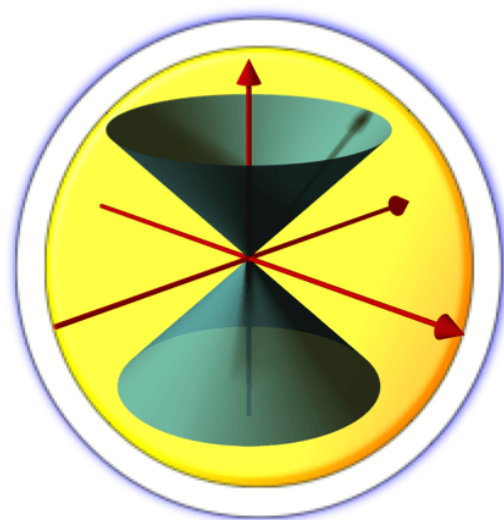
Fecha
21.Ago - 25.Ago 2017

Ubicación
Palacio Miramar

Idiomas
Inglés

Validez académica
50 horas

Web
<http://tms17.dipc.org/>



DIRECCIÓN

Maia García Vergniory, Donostia International Physics Center

Dario Bercioux, Ikerbasque Research Fellow at Donostia International Physics Center

Comité Organizador



Descripción

Topology and lattice symmetries play a key role in determining matter states and their associated internal order. These so-called *topological states of matters* are of fundamental interest, since they entail exotic electronic behaviors. The study and prediction of materials with novel topological properties has become a vibrant field of research over the past few years. The 2017 school includes a session explaining practically how to perform a numerical quantum transport calculation of topological systems with KWANT. It includes also a review session of the major experimental achievements in the field. Finally, there is a special session about the connection between high energy physics and the field of topological matter.

Organizing committee

Dario Bercioux (Ikerbasque Research Fellow at Donostia International Physics Center. Donostia-San Sebastian)

M. Reyes Calvo (*Ikerbasque* Research Fellow at CIC Nanogune. Donostia-San Sebastián)

Maia G. Vergniory (Donostia International Physics Center / UPV/EHU — Bilbao)

Jérôme Cayssol (LOMA — Bordeaux)

Objetivos

The main goal is to cover basic and advanced aspects of the field of Topological Matter. The school is primarily aimed at instructing **master** and **graduate** students and young **postdoctoral** researchers. However, more senior scientists who want to acquaint themselves with the subject of the school are also welcome.

Colaboradores específicos del curso



Dirigido por:



Maia García Vergniory

Donostia International Physics Center



Dario Bercioux

Ikerbasque Research Fellow at Donostia International Physics Center

Precios matrícula

REGISTRATION FEES	HASTA 24-07-2017
Invited Speaker	0 EUR
Attendant	300,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa