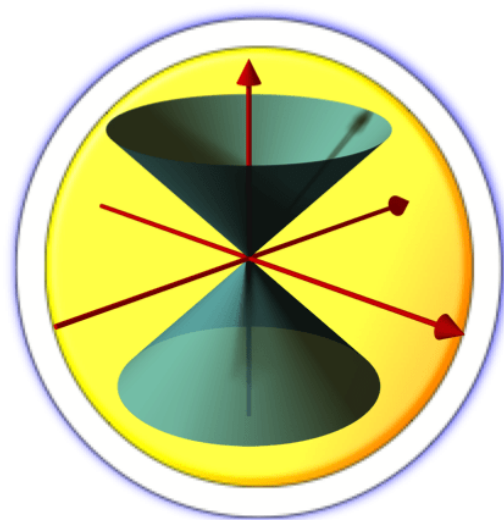




# Topological Matter: From Basic to Advanced (TMS17)



**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

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**Dario Bercioux**

Ikerbasque Research Fellow at Donostia International Physics Center

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# 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