

# Topological Matter: From Basic to Advanced (TMS17)

**Abu. 21 - Abu. 25 2017**

**Kod. Z19-17**

**Mod.:**

Aurrez aurrekooa

**Edizioa**

2017

**Jarduera mota**

Workshop

**Data**

Abu. 21 - Abu. 25 2017

**Kokalekua**

Miramar Jauregia

**Hizkuntzak**

Ingelesa

**Balio akademikoa**

50 ordu

**Antolakuntza Batzordea**

Fundación  
**BBVA**



Gipuzkoako Foru Aldundia  
Diputación Foral de Gipuzkoa

## Azalpena

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 Sebastián)

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)

## Ikastaroaren laguntzaile espezifikoak



## Zuzendaritza



**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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## Matrikula prezioak

### **REGISTRATION FEES**

**2017-07-24 ARTE**

Invited Speaker	0 EUR
Attendant	300,00 EUR

# **Kokalekua**

## **Miramar Jauregia**

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Gipuzkoa