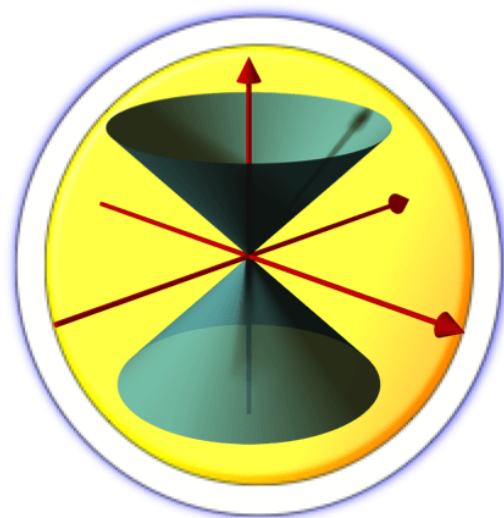




# Topological Matter: From Basic to Advanced (TMS17)



**21.Aug - 25.Aug 2017**

**Cod. Z19-17**

**Mod.:**

Face-to-face

**Edition**

2017

**Activity type**

Workshop

**Date**

21.Aug - 25.Aug 2017

**Location**

Miramar Palace

**Languages**

English

**Academic Validity**

50 hours

**Organising Committee**

Fundación  
BBVA



## Description

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)

## Course specific contributors



## Directed by



**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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# Registration fees

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

## **Place**

### **Miramar Palace**

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa