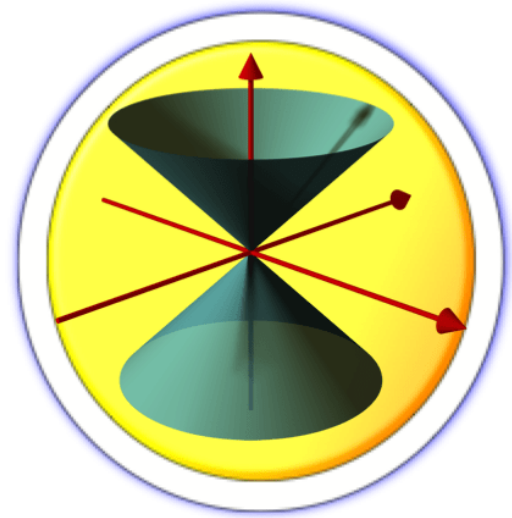




Topological Matter: From Basic to Advanced (TMS17)



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



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)

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Course specific contributors



Directed by



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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