



Synthetic Electronic Quantum Matter (SELEQ)



28.Ago - 30.Ago 2024

Cód. Z19-24

Mod.:
Presencial

Edición
2024

Tipo de actividad
Workshop

Fecha
28.Ago - 30.Ago 2024

Ubicación
Palacio Miramar

Idiomas
Inglés

Validez académica
30 horas

Web
<https://seleq24.dipc.org/>

DIRECCIÓN

Tobias Grass, Donostia International Physics Center (DIPC)

Comité Organizador

Fundación
BBVA



Descripción

At the intersection of quantum optics, condensed matter physics, and quantum technologies, the workshop will address topics like:

- Light-matter interactions in strongly correlated systems
- Many-body phases of excitons/exciton-polaritons
- Moiré systems
- Light-induced quantum phases
- Electronic quantum simulators
- Quantum dots

High-profile researchers in the field are invited to deliver their talks, and also there will be an opportunity for ~15 younger researchers to present their work in contributed talks. Every participant will be given the opportunity to present their work during a poster session.

ORGANIZING COMMITTEE:

Dario Bercioux (DIPC)

Mohammad Hafezi (Joint Quantum Institute)

François Dubin (CNRS)

Objetivos

This workshop aims at gathering international scholars working on the control of electronic materials, specifically the engineering of quantum correlations and many-body phases of matter in electronic devices.

Colaboradores específicos del curso



Dirigido por:



Tobias Grass

Donostia International Physics Center (DIPC)

Tobias Grass is an Ikerbasque Research Fellow at the Donostia International Physics Center (DIPC) in San Sebastián. His research concentrates on strongly correlated quantum matter, with a focus on controllable systems through light-matter interactions. Before his appointment at the DIPC, Grass was a La Caixa Junior Leader Fellow at ICFO in Barcelona and a JQI Post-doctoral Fellow at the University of Maryland. He obtained his Ph.D. in 2013 from Universitat Politècnica de Catalunya, and a Diploma in Physics in 2009 from Freie Universität Berlin.

Precios matrícula

REGISTRATION FEES

HASTA 28-07-2024

Fee Waiver	0 EUR
Regular fee	350,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa