



Synthetic Electronic Quantum Matter (SELEQ)



Abu. 28 - Abu. 30 2024

Kod. Z19-24

Mod.:

Aurrez aurrekoa

Edizioa

2024

Jarduera mota

Workshop

Data

Abu. 28 - Abu. 30 2024

Kokalekua

Miramar Jauregia

Hizkuntzak

Ingelesa

Balio akademikoa

30 ordu

Webgunea

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

Antolakuntza Batzordea



Azalpena

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)

Helburuak

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.

Ikastaroaren laguntzaile espezifikoak



Zuzendaritza



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.

Matrikula prezioak

REGISTRATION FEES

2024-08-18 ARTE

Fee Waiver

0 EUR

Regular fee

350,00 EUR

Kokalekua

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Gipuzkoa