



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



HEZKUNTZA SAILA
DEPARTAMENTO DE EDUCACIÓN

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.

Profesorado



Eugene Demler

ETH Zurich



Thomas Devereaux

Stanford University



Sebastian Diehl Diehl

ITP Cologne



Nathan Goldman



Atac Imamoglu



Bloch Jacqueline

CNRS



Philip Kim Kim



Camille Lagoin

CNRS-UCA



Cristiane Morais Smith

Utrecht University



Fabio Pistolesi

Université de Bordeaux and CNRS



Lieven Vandersypen



xiaodong xu xu

U Washington



Go Yusa



Marlou Slot

NIST & CU Boulder



Ingmar Swart

Utrecht University

Precios matrícula

REGISTRATION FEES	HASTA 18-08-2024
Fee Waiver	0 EUR
Regular fee	350,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa