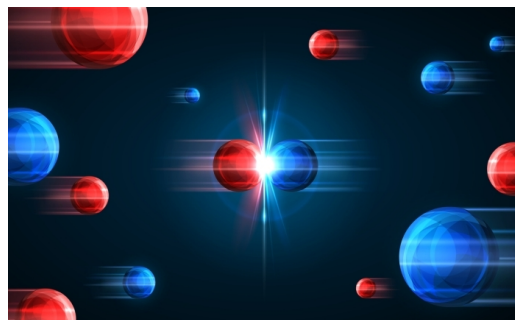




Exciton Transport in 2D Materials



30.Mayo - 02.Jun 2023

Cód. Z02-23

Mod.:

Presencial

Edición

2023

Tipo de actividad

Workshop

Fecha

30.Mayo - 02.Jun 2023

Ubicación

Palacio Miramar

Idiomas

Inglés

Validez académica

40 horas

DIRECCIÓN

Alexey Chernikov, TU Dresden

Sivan Refaely-Abramson, Weizmann Institute of Science

Comité Organizador



Descripción

The goal of the workshop is to explore novel directions in the field of exciton transport and associated exciton scattering phenomena in van der Waals 2D semiconductors.

We wish to bring together experts from experiment and theory, to encourage exchange of ideas and identify emerging questions for future research.

For participation and poster abstract submission, please fill in the form in the link below:

[APPLICATION FORM](#)

Please note that the number of participants is limited.

Objetivos

The main topics will be focused on both measurements of exciton propagation and relevant theoretical descriptions in monolayer semiconductors, heterostructures, and 2D perovskites. These will further cover closely related phenomena, such as exciton coupling to free electrons, phonons and other excitons, as well as the role of external fields in exciton transport. Of particular relevance will be the role of structural modifications such as atomic defects, superlattices, and local reconstruction in heterostructures.

[Other relevant information of the venue](#)

Colaboradores específicos del curso



Programa

The workshop will begin on Tuesday, May 30 in the afternoon, and end on Friday, June 2 at noon. A preliminary schedule is enclosed.

Speakers include:

Timothy Berkelbach, Columbia University

Rudolf Bratschitsch, Universtiy of Münster

Paulo Eduardo de Faria Junior, University of Regensburg

Milan Delor, Columbia University

Mikhail Glazov, Ioffe Institute

Alexander Högele, LMU

Felipe da Jornada, Stanford University

Christoph Kastl, TU Munich

Aaron Kelly, MPSD Hamburg

Ermin Malic, Philipps-Universität Marburg

Andrés Montoya-Castillo, University of Colorado Boulder

Fulvio Paleari, CNR-ISM, Italy

Paulina Plochocka, CNRS Toulouse / Wroclaw

Ferry Prins, Universidad Autonoma de Madrid

Diana Qiu, Yale University

Ronen Rapaport, Hebrew University

Alexander Steinhoff, University of Bremen

Ursula Wurstbauer, University of Münster

Danielle Sanvitto, CNR NANOTEC, Lecce, Italy

William Tisdale, MIT

Dmitry Efimkin, Monash University

Andras Kis, EPFL

Parag Deotare, University of Michigan

Leonid Butov, University of California San Diego

Richard Schmidt, Heidelberg University

Laurent Lombez, CNRS Toulouse

Akshay Rao, University of Cambridge

Pina Romaniello, CNRS Toulouse

Dirigido por:



Alexey Chernikov

TU Dresden



Sivan Refaely-Abramson

Weizmann Institute of Science

Profesorado



Rudolf Bratschitsch



Leonid Butov



Milan Delor

Columbia University



Parag Deotare

University of Michigan



Florian Dirnberger

TUD



Dmitry Efimkin

Monash University



Paulo E. Faria Junior

University of Regensburg



Mikhail Glazov

Ioffe Institute



Daniel Hernangómez Pérez

Weizmann Institute of Science



Alexander Högele

LMU München



Felipe Jornada

Stanford University



Christoph Kastl

Technial University of Munich



Aaron Kelly

MPSD Hamburg



Andras Kis

EPFL



Laurent Lombez

LPCNO



Ermin Malic

Philipps University Marburg



Andres Montoya-Castillo

University of Colorado Boulder



Fulvio Paleari

CNR istituto nanoscienze



Paulina Plochocka



Laura Polimero

CNR NANOTEC, Lecce



Ferry Prins

Universidad Autónoma de Madrid



Diana Qiu

Yale University



Ronen Rapaport

Hebrew University



Pina Romaniello

CNRS Toulouse



William Tisdale

MIT



Ursula Wurstbauer



Sahar Sharifzadeh



Alexander Steinhoff-List

Precios matrícula

MATRÍCULA	HASTA 26-05-2023
General	0 EUR
Ponente invitado/a	0 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa