



# LIVE ONLINE - Nanophotonics of 2D Materials (N2D2020)

**13.Jul - 16.Jul 2020**

**Cód. X10-20**

**Mod.:**

Online en directo

**Edición**

2020

**Tipo de actividad**

Workshop

**Fecha**

13.Jul - 16.Jul 2020

**Ubicación**

Online en directo

**Idiomas**

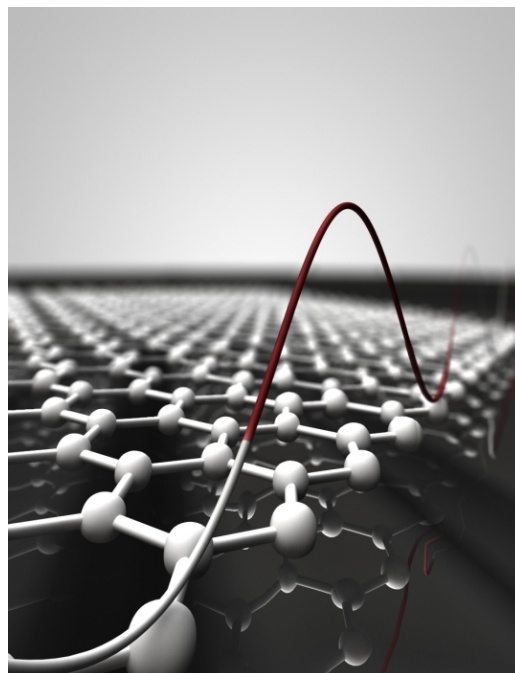
Inglés

**Validez académica**

40 horas

**Web**

<http://n2d-2020.dipc.org>



**DIRECCIÓN**

**Alexey Nikitin**, Ikerbasque Research Associate (DIPC)

**Comité Organizador**

Fundación  
BBVA



## Descripción

**Registration for contributive attendants up to June 10 with provided access code. Open registration with no code from June 10<sup>th</sup> to 30<sup>th</sup>.**

Over the past decade, there is a growing research activity on light-matter interactions in atomically thin materials, such as graphene, topological insulators, thin polar and semiconducting layers and other van der Waals materials, including their heterostructures. Nanophotonics of 2D materials (N2D) aims at the exploration of their optical phenomena and in providing a setting where researchers from diverse fields can convene; classical and quantum optics; excitons, phonons and plasmons; far-field and near field spectroscopies; many body optical physics; topological photonics; among many others. Through these interactions, N2D seeks to provide a setting where unifying concepts can form, new ideas inspired, and new frontiers in theoretical and experimental research on 2D materials nanophotonics can emerge.

### Organizing committee:

Alexey Nikitin (DIPC, Ikerbasque)

Tony Low (U. Minnesota)

Luis Martín-Moreno (ICMA, CSIC - U. Zaragoza)

### Objetivos

Gather together the community doing the research on the optical phenomena in 2D materials in order to share the most recent results, both theoretical and experimental.

Establish collaborations between the scientific groups all over the world and improve the communication between the scientists, particularly between the senior and young ones.

### Colaboradores específicos del curso



**Dirigido por:**



**Alexey Nikitin**

Ikerbasque Research Associate (DIPC)

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## Profesorado



**Pablo Alonso González**

University of Oviedo-Asturias

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**Andrea Alu**

CUNY Advanced Science Research Center

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**Harry Atwater Atwater**

California Institute of Technology

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**Viktoriia Babicheva Babicheva**

University of New Mexico

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**Ingrid Barcelos David**

BRAZILIAN CENTER FOR RESEARCH IN ENERGY AND MATERIALS- CNPEM, Researcher

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**Dmitri Basov**

Columbia University

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**Stéphane Berciaud**

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**Igor Bondarev**

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**Kenneth Burch**

Boston College

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**Andrei Bylinkin**

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**Federico Capasso**

Harvard John A. Paulson School of Engineering and Applied Sciences

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**Monica Craciun**

University of Exeter

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**Qing Dai**

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**Thales de Oliveira**

Dresden University of Technology

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**Luca Francaviglia**

Lawrence Berkeley Lab

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**Raul Freitas Freitas**

Brazilian Synchrotron Light Laboratory

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**Alexander Gaeta Gaeta**

Columbia University

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**Emanuele Galiffi**

Advanced Science Research Center

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**Sergey Ganichev**

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**Rasmus Godiksen**

Eindhoven University of Technology

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**Vitaliy Goryashko Goryashko**

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**Irina Grigorieva**

University of Manchester

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**Gustavo Grinblat**

University of Buenos Aires

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**Francisco Guinea López**

IMDEA Nanoscience - DIPC

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**Hanan Herzig Sheinfux Herzig Sheinfux**

ICFO

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**Rainer Hillenbrand**

CIC nanoGUNE

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**James Hone**

Columbia University

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**Min Seok Jang**

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**Ronja Khelifa**

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**Frank Koppens**

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**Vlastimil Křápek**

Brno University of Technology

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**Patryk Kusch Kusch**

Freie Universität Berlin, FB Physik

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**Alexey Kuzmenko**

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**Snezana Lazic Lazic**

Universidad Autónoma Madrid

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**Eric Le Moal**

ISMO, CNRS, Université Paris-Saclay

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**Kaiqiang Lin**

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**Xiao Lin Lin**

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**Michal Lipson**

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**Tony Low Low**

University of Minnesota

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**Carlos Alberto Maciel Escudero**

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**Samuel Magorrian -**

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**Luis Martin-Moreno**

Instituto de Ciencia de Materiales de Aragón

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**Fabian Mooshammer**

University of Regensburg

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**Lukas Novotny**

ETH Zurich

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**Sang-Hyun Oh**

University of Minnesota

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**Aleksandr S. Petrov**

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**Marco Polini**

Department of Physics, University of Pisa

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**Daniel Rizzo**

Columbia University

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**Manuel Rodrigues Goncalves**

Ulm University

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**Javier Taboada Gutiérrez**

Universidad de Oviedo

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**Thomas Taubner**

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**Iacopo Torre**

ICFO

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**Miriam Serena Vitiello**

CNR-NANO

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**Valentyn Volkov**

MIPT

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**Joeson Wong**

Caltech

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**Hugen Yan**

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**Kezia Sasitharan**

University of Sheffield

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**Qinghua Zhao**

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**Tetiana Slipchenko -**

INSTITUTO DE CIENCIA DE MATERIALES DE ARAGON -CSIC

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**Dmitry Svintsov**

Moscow Institute of Physics and Technology

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# Precios matrícula

| REGISTRATION              | HASTA 16-07-2020 |
|---------------------------|------------------|
| Please confirm attendance | 0 EUR            |

**Lugar**

**Online en directo**

Online en directo