



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

13.Jul - 16.Jul 2020

Cod. X10-20

**Mod.:**  
Streaming

**Edition**  
2020

**Activity type**  
Workshop

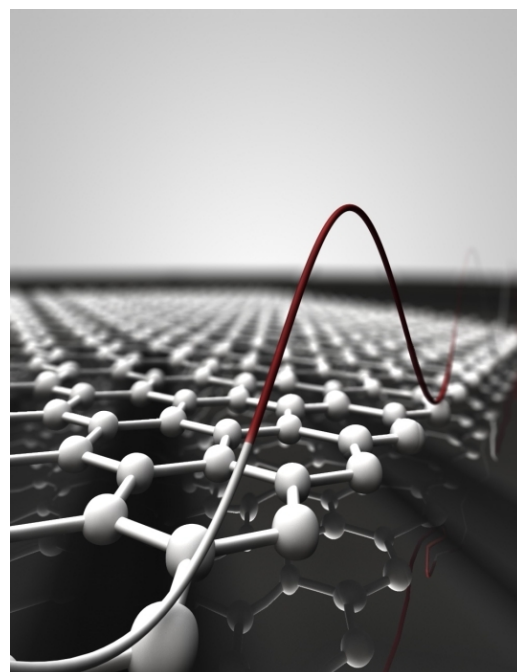
**Date**  
13.Jul - 16.Jul 2020

**Location**  
Live online

**Languages**  
English

**Academic Validity**  
40 hours

## Organising Committee



## Description

**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)

### Objectives

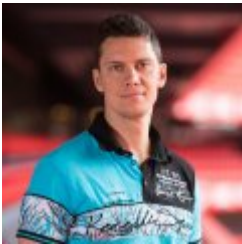
Gather together the community doing the research on the optical phenomena in 2D materials in order to share the most recent results, both theoretical and experimental.

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

### Course specific contributors



**Directed by**



**Alexey Nikitin**

Ikerbasque Research Associate (DIPC)

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## Teachers



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**Tetiana Slipchenko -**

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**Dmitry Svintsov**

Moscow Institute of Physics and Technology

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# Registration fees

REGISTRATION

UNTIL 16-07-2020

Please confirm attendance

0 EUR

## **Place**

### **Online streaming**

Live online