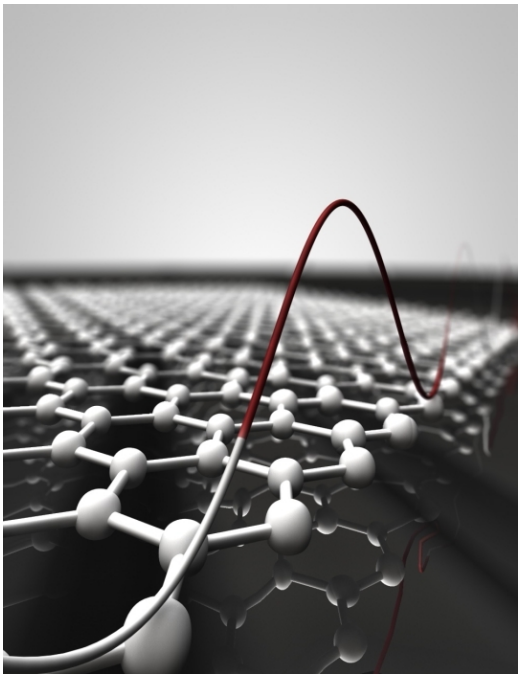
LIVE ONLINE - Nanophotonics of 2D Materials (N2D2020)



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 10th to 30th.

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

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Ikerbasque Research Associate (DIPC)

Teachers

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Registration fees

REGISTRATION	UNTIL 16-07-2020
Please confirm attendance	0 EUR

Place

Online streaming

Live online