



Nanophotonics of 2D Materials, N2D 2017

30.Jul - 03.Ago 2017

Cód. Z17-17

Mod.:
Presencial

Edición
2017

Tipo de actividad
Workshop

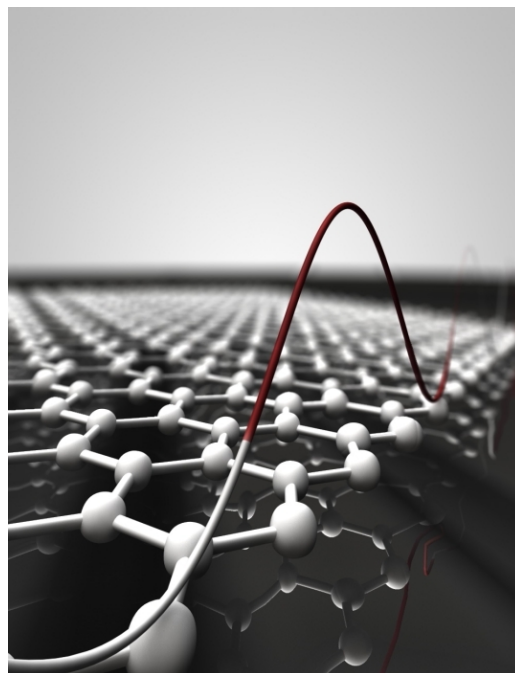
Fecha
30.Jul - 03.Ago 2017

Ubicación
Palacio Miramar

Idiomas
Inglés

Validez académica
40 horas

Web
<http://n2d.dipc.org/>



DIRECCIÓN

Alexey Nikitin, Ikerbasque Research Associate (DIPC)

Comité Organizador

Fundación
BBVA



Descripción

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 (*Ikerbasque* Research Fellow, CIC Nanogune, Spain)

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

Tony Low (U. Minnesota, US)

Objetivos

This conference aims to convene researchers in the field of nanophotonics with two-dimensional materials. Leading experts in the field will share and discuss the most recent results on optical phenomena that involve polaritons, plasmons, excitons and other collective excitations in two-dimensional materials, such as graphene, 2D chalcogenides, polar layers, topological insulators etc. Interests in these plethora of optical phenomena also extends to their technological possibilities and applications.

Colaboradores específicos del curso



Dirigido por:



Alexey Nikitin

Ikerbasque Research Associate (DIPC)

Precios matrícula

REGISTRATION FEES	HASTA 15-06-2017	HASTA 16-07-2017
Invited Speaker	0 EUR	0 EUR
Students	200,00 EUR	300,00 EUR
Regular Fee	350,00 EUR	450,00 EUR

Lugar

Palacio Miramar

Pº de Miraconcha nº 48. Donostia / San Sebastián

Gipuzkoa