



2D material-based low cost SENSor of aggressive substancEs

# 2DSense

next about sensing

[www.2dsense.net](http://www.2dsense.net)

PARTNERS:

CREATE Consortium, Naples, Italy  
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Polina Kuzhir, PhD

Senior researcher and Marie Skłodowska-Curie fellow in the Institute of Photonics, University of Eastern Finland and the Head of Nanoelectromagnetics lab at the Belarusian State University. She is an internationally recognized expert in the field of graphene/2D materials, theoretical and experimental photonics. Her research focuses on theory and experimental validation of 2D materials-based passive and active devices, including detectors, filters, shields, polarizers, collimators and emitters.

## SEMINARS ON NANOMATERIALS

Speaker Polina Kuzhir, PhD

May 24th, 2021, h.12.00

**“Electromagnetic perfect absorbers: 2D vs 3D geometry”**

Meet: <https://meet.google.com/spo-wncy-xrg>

May 25th, 2021, h.15.30

**“Composite materials filled with carbon nano- and micro-inclusions: modeling and experiment”**

Meet: <https://meet.google.com/pwz-gtwi-xqb>

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