

NANO-PHOT

Nano-Optics & Nanophotonics
Graduate School

SCHOOL ON NANOPHOTONICS & SUSTAINABILITY

UNIVERSITÉ DE TECHNOLOGIE DE TROYES | FRANCE

MONDAY, SEPTEMBER 18TH 2023

This year, the MNO workshop is coupled to a late summer school organized by the NANO-PHOT Graduate school, on Monday, September 18th.

The main scientific topic is related to "Nanophotonics and Sustainability". The aim of the School is to bring together renowned scientists and students at the early stage of their career in the field of photonics, interested in the study of light at the nanoscale with a specific concern about sustainability developments.

PROGRAM OF THE LECTURES

● PLASMONIC SENSOR: IDENTIFICATION & DETECTION OF ANALYTES FOR ENVIRONMENTAL AND MEDICAL APPLICATIONS

Marc LAMY DE LA CHAPELLE · Institut des Molécules et Matériaux du Mans, France

● PLASMONIC ORGANIC LIGHT EMITTING DIODES (OLED): CHALLENGES & ISSUES

Azzedine BOUDRIOUA · Equipe Photonique organique et nanostructures, LPL, Sorbonne Paris Nord

● SEMICONDUCTOR NANOPARTICLES: EFFICIENT LIGHT ABSORBERS & EMITTER

Vladimir LESNYAK · TU Dresden, Germany

● NANOPHOTONICS FOR SOLAR PHOTOVOLTAICS

Stéphane COLLIN · C2N, CNRS, Université Paris-Saclay, France & Institut Photovoltaïque d'Ile-de-France, France

● NANOPHOTONICS FOR SUSTAINABLE SOLID STATE LIGHTING

Gilles LÉRONDEL · L2n, CNRS, Université de Technologie de Troyes, France

● PLASMONIC PHOTOCATALYSIS: MECHANISMS & ENVIRONMENTAL APPLICATIONS

Suzanna AKIL · NanoMaterials team, LCP-A2MC, University of Lorraine, France

● NANOPHOTONICS FOR OPTICAL COMPUTING

Christophe COUTEAU · L2n, CNRS, Université de Technologie de Troyes, France



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