

2nd International Conference on BioMedical Photonics

MONTPELLIER– Palavas, France

3 - 5 April 2025

Hear the latest from leading experts on biomedical photonics research and technology:

- Scientific sessions
- Industrial section



We invite you to join the

2nd International Conference on Biomedical Photonics, organized on 3-5 April 2025 in Palavas-Les-Flots France, a beautiful seaside resort of the Languedoc Mediterranean coast.

The symposium intends to be an international forum where one can present and hear the latest from leading experts in biomedical photonics research and related technological developments. The objective is to share knowledge, exchange ideas, discuss and promote collaborations in the domain of biomedical photonics.

Initiated as the study of optical processes in biological systems, biophotonics is now including the science related to the development of numerous photonic technologies for life sciences. Understanding light-matter interaction led to innovative techniques for the modern medicine aiming for early diagnosis and effective, personalized therapy. Modern optical and photonic techniques allow for monitoring and manipulating life processes in cells and tissues on a molecular level. In clinical practice as well, optical and photonic techniques are well established in many fields related to medicine, like in ophthalmology, endoscopy or biomedical imaging.

The main goal of the conference is to exchange on the last years' achievements in the domain of the biomedical applications of various photonic tools spanning from molecules and cells manipulation to tissue and in-vivo studies. Photonic methods include amongst others Raman, fluorescence, non-linear optics, vibrational spectroscopy, multiphoton, phase, Brillouin imaging, photobiomodulation, optical coherence tomography and endoscopic microscopy.

Invited speakers

Sophie Brasselet
Inst Fresnel Marseille, FR

Charles Camp
NIST Gaithersburg, US

Kishan Dholakia
Univ St Andrews, UK

Turgut Durduran
ICFO Barcelona, ES

Paul French
Imperial College London, UK

Ambra Giannetti
IFAC CNR Florence, IT

Joachim Heberle
Freie Universität Berlin, DE

Zsuzsanna Heiner
Humboldt Univ Berlin, DE

Zhiwei Huang
National Univ Singapore, SG

James Joseph
Univ Cambridge, UK

Isabelle Ledoux-Rak
ENS Paris-Saclay, FR

Quan Li
The Chinese Univ Hong Kong

Yanlu Li
Univ of Ghent - IMEC, BE

Kamilla Malek
Jagellonian Univ Kraków, PL

Emmanuel Margeat
CBS Inserm Montpellier, FR

Igor Meglinski
Aston University, UK

Serge Monneret
Inst Fresnel Marseille, FR

Francesca Palombo
Univ Exeter, UK

Francesco S. Pavone
LENS - Univ Florence, IT

Jürgen Popp
Leibniz IPHT Jena, DE

Edik Rafailov
Aston University, UK

Hervé Rigneault
Inst Fresnel Marseille, FR

Balázs Rózsa
Inst Exp Med Budapest, HU

Jean-Baptiste Sibarita
IINS Univ Bordeaux, FR

Ronald Sroka
Univ Hosp München, DE

Willy Supatto
Ecole Poly Univ Paris Saclay, FR

Cathie Ventalon
IBENS CNRS Paris, FR



Csilla Gergely, Chair

L2C, Université de Montpellier,
France



Jürgen Popp, Co-chair

Leibniz IPHT Jena,
Germany



Hervé Rigneault, Co-chair

Institut Fresnel, Marseille,
France

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Venue: **The Palavas-Les-Flots Congress Center**

Place de la Méditerranée, 34250 Palavas-les-Flots
www.ot-palavaslesflots.com/en/tourisme-d-affaire/tourisme-d-affaires-menu

Registration start: 8 Sept 2024 | Early bird until: 15 Feb 2025 | Abstract submission: 2 March 2025

