

Light-matter Interactions from scratch: Theory and Experiments at the Border with Biology



22 - 25 November 2021
An ICTP Virtual Meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/9631/>
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This virtual Workshop will bring together young researchers from all over the world and established scientists working on the interaction of light with biological matter. A variety of perspectives will provide interdisciplinary contents of both introductory and advanced nature.

Description:

Multidisciplinarity, theory and experiments, as well as different backgrounds are crucial to understanding the diversity of phenomena and the fundamental processes that govern the complex interaction of light with living matter. This online format is an adaptation of the ICTP school and workshop originally planned in IISER, Trivandrum, India, to promote scientific development and exchanges in the whole area.

The programme will include:

- oral invited presentations by high-profile senior scientists, covering introductory aspects and most recent research developments;
- young researchers' contributed talks;
- poster presentations through virtual sessions.

Topics:

- advanced spectroscopy and imaging to probe biointerfaces;
- dynamical processes: electron and energy transfers, quantum biology;
- excited states, photophysics and photochemistry in biological matter.

How to apply:

Online application:
<http://indico.ictp.it/event/9631/>

A limited number of awards are available for best presentations from early career scientists/ students from developing countries.

Registration:

There is no registration fee.

Female scientists are encouraged to apply.

Directors:

L. Grisanti, IRB, Zagreb, Croatia
M. Hariharan, IISER-TVM, Thiruvananthapuram, India
A. Painelli, University of Parma, Italy
E. Vauthey, Université de Genève, Switzerland
R. Venkatramani, Tata Institute of Fundamental Research, Mumbai, India
K. G. Thomas, IISER-TVM, Thiruvananthapuram, India
A. Datta, Tata Institute of Fundamental Research, Mumbai, India

Speakers:

E. Backus, University of Wien, Austria
R. McKenzie, University of Queensland, Australia
H. Ottosson, Uppsala University, Sweden
I. Schapiro, Hebrew University of Jerusalem, Israel
M. Trotta, Consiglio Nazionale delle Ricerche at Bari, Italy
J. Weinstein, University of Sheffield, United Kingdom

ICTP Scientific Contact:

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Deadline:

15 October 2021



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