

Conference on the Complex Interactions of Light and Biological Matter: Experiments meet Theory



21 - 25 May 2018
Trieste, Italy

Further information:
<http://indico.ictp.it/event/8293/>
smr3120@ictp.it

A conference for experimentalists and theoreticians investigating the photophysics and photochemistry behind the interaction of light with the organic material that make up living systems.

Description:

This Conference will be a venue for scientists from all over the world working in biochemistry, physical chemistry and physics to discuss interactions between light and biological matter or its molecular building blocks.

Synergy among experimentalists and theoreticians is crucial to understand the diversity of phenomena and the fundamental processes that govern the complex interaction of light with living matter.

The programme will include oral keynote invited presentations on the most recent developments, given both by high-profile senior scientists and junior researchers as well as contributed short talks and poster presentations.

CALL FOR CONTRIBUTED ABSTRACTS:

In the application form, all applicants are invited to submit an abstract for a poster presentation. A limited number of contributed abstracts will be selected for a short oral presentations.

Topics:

- Theoretical advances in modelling electronic excited states in biologically-relevant systems, including charge and energy transfer processes;
- Photophysics and photochemistry of soft matter through time-dependent spectroscopic techniques;
- State-of-the-art developments and applications of linear and nonlinear optical techniques for the imaging of biological systems in cells and tissues;
- Emerging fluorescence and luminescence.

How to apply:

Online application:
<http://indico.ictp.it/event/8293/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee

Organizers:

G. KAMINSKI SCHIERLE, Cambridge University, U.K.
A. PAINELLI, University of Parma, Italy

Local Organizers:

L. GRISANTI, SISSA/ICTP, Trieste, Italy
A. HASSANALI, ICTP, Trieste, Italy

Speakers include:

M. ASCHI, University of L'Aquila, Italy
M. BARBATTI, Aix-Marseille University, France
K. BELFIELD, New Jersey Institute of Technology, U.S.A.
S. BOXER, Stanford University, U.S.A.
M. DI DONATO, LENS/University of Florence, Italy
N. DOSLIC, IRB Zagreb, Croatia
M. GARAVELLI, University of Bologna, Italy
E. GAZIT, Tel-Aviv University, Israel
R. IMPROTA, CNR/IBB, Naples, Italy
A.H. MARCUS, University of Oregon, U.S.A.
B. MENNUCCI, University of Pisa, Italy
H. OKUR, EPFL Lausanne, Switzerland
N. REGA, University of Naples, Italy
B. ROSSI, ELETTRA Trieste, Italy
F. SANTORO, ICCOM-CNR Pisa, Italy
I. TAVERNELLI, IBM Zurich, Switzerland
E. VAUTHEY, University of Geneva, Switzerland
N. VENTOSA, ICMAB Barcelona, Spain

.... and more

Deadline:

12 February 2018

