



The Abdus Salam
**International Centre
for Theoretical Physics**
www.ictp.it



Workshop on Water at the Interface between Biology, Chemistry, Physics and Material Sciences

5 - 9 October 2015

Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, is organizing a workshop on **Water at the Interface between Biology, Chemistry, Physics and Material Sciences** to be held in Trieste from 5 to 9 October 2015.

Liquid water is ubiquitous in the environment, biology and engineered systems. Despite more than one hundred years of study, and particularly remarkable experimental and theoretical progress over the last several decades, many important aqueous phenomena remain poorly understood. This international workshop will bring together experts working on both liquid water and its interaction with bio-molecular solutes and extended interfaces.

All sessions will involve experimentalists who employ a range of techniques, and theoreticians who use approaches of varying complexity. In doing so, interactions on topics that are less appreciated within subfields of water-science, for example the role of nuclear quantum effects of water at biological interfaces, will be catalyzed.

Daily sessions will also include talks by experts discussing implications of water-science on important topics such as climate change and efficient energy storage and conversion.

A dedicated session at the beginning of this advanced workshop will be focused on short presentations by graduate students and post-docs, moderated by senior scientists, to encourage active participation and facilitate interactions of young scientists from both developed and developing countries. A career development session will also be held to guide young scientists considering scientific careers in developed and developing countries.

LIST OF CONFIRMED SPEAKERS

Biman Bagchi (IIS, Bangalore)
Huib Bakker (AMOLF, Netherlands)
Dor Ben-Amotz (Purdue)
Mischa Bonn (MPI, Mainz)
David Chandler (Berkeley)
Martin Chaplin (London South Bank University)
Christoph Dellago (University of Vienna)
Giulia Galli (Chicago)
Bertil Halle (Lund University)

Yan Levin (UFRGS, Brasil)
Dominik Marx (Ruhr-Universitat, Bochum)
Angelos Michaelidis (UCL, London)
Anders Nilsson (Stanford)
Francesco Paesani (UC San Diego)
Jeremy Palmer (University of Houston)
George Reiter (University of Houston)
Sylvia Roke (EPFL)
Andrei Tokmakoff (Chicago)

PARTICIPATION

Application to the Advanced Workshop is open to young scientists from all countries which are members of the UN, UNESCO or IAEA. As the activity will be conducted in English, participants should have an adequate working knowledge of this language.

As a rule, travel and subsistence expenses of the participants should be borne by their home institutions. Every effort should be made by candidates to secure support for their fare (or at least half-fare). Limited funds are available for some participants, who are nationals of, and working in, a developing country. There is no registration fee.

How to apply for participation: until **7 June 2015**, candidates can access the **Online Application** from the activity website: <http://indico.ictp.it/event/a14247/>. Comprehensive instructions will guide you step-by-step on how to fill out and submit the application form.

Scientists at graduate or postdoc level are encouraged to present contributed talks on the first day of the workshop, and submit relevant short abstract along with the application.

WORKSHOP SECRETARIAT

ICTP, smr.2707 c/o Ms. Nicoletta Ivanisovich

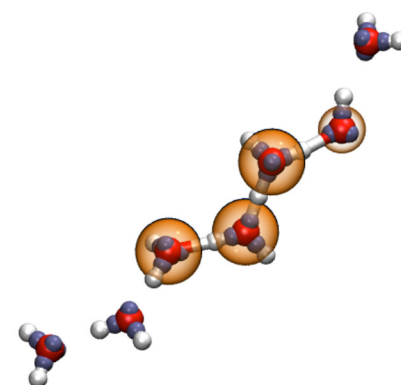
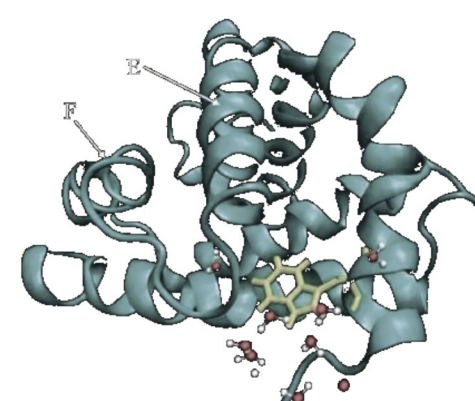
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Trieste, March 2015



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DEADLINE

7 June 2015

Webpage:

<http://indico.ictp.it/event/a14247/>

