

ICTP-INFM CONFERENCE ON "New Frontiers in Nano-biotechnology: Monitoring Protein Function with Single-protein Resolution"

14 - 19 July 2003

Miramare, Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, and the Istituto Nazionale per la Fisica della Materia (INFM) will jointly organize a Conference on *New Frontiers in Nano-BioTechnology: Monitoring Protein Function with Single-Protein Resolution*, to be held in Trieste from **14 to 19 July 2003**.

A key issue in the post-genomic era is the understanding of protein function, dynamics and interactions. This Conference aims to bring together leading scientists and young researchers working in different areas of physics, biochemistry and molecular biology; to stimulate exchange of ideas and the dissemination of the most recent results. It will cover the most intriguing and innovative aspects related to the investigation of protein function at the single-molecule level also in living cells.

The current version of the programme with a list of invited speakers is available on the web at: http://www.nest.sns.it/~tozzini/WORKSHOP_webpage/index.html

MAIN TOPICS

- **Protein trafficking and interaction in living cells**
- **New Nano-BioTechnology tools**
- **Computational methods and their applications to Bio-System modeling**

PARTICIPATION

The Conference is open to research workers from all countries that are members of the United Nations, UNESCO or IAEA. The main purpose of the Centre is to help researchers from developing countries within a framework of international cooperation. However, students and post-doctoral scientists from developed countries are also welcome to attend. As the Conference will be conducted in English, participants should have an adequate working knowledge of this language. Applicants are encouraged to prepare a short resumé of their work and research activities.

As a rule, travel and subsistence expenses of the participants should be borne by the home institution. Every effort should be made by candidates to secure support for their fare (or at least half-fare). However, limited funds are available for candidates to be selected by the Organizers. Such support is available only for those who attend the entire activity and preferentially for candidates from a developing country. There is no registration fee.

CALL FOR CONTRIBUTIONS

Participants who want to contribute should send an abstract together with the application form. Abstracts shall be selected either as short oral presentations or posters. The **Application Form** is obtainable from the ICTP WWW server: <http://agenda.ictp.trieste.it/agenda/current/List.php> or from the activity Secretariat. It should be completed and returned before **31 March 2003** to:

Conference on
"New Frontiers in Nano-BioTechnology"
(smr1509) (c/o Ms. Elizabeth Brancaccio)
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34014 Trieste, Italy.

or
smr1509@ictp.trieste.it (please save and send file attachments in RTF format)

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LOCAL ORGANIZER:

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DEADLINE

31 March 2003

