



**Conference on
Molecular Aspects of Cell Biology:
A Perspective from Computational Physics**

**11 - 15 October 2010
(ICTP, Miramare, Trieste, Italy)**

The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste is organizing a **Conference on Molecular Aspects of Cell Biology: A Perspective from Computational Physics, to take place from 11 to 15 October 2010.**

The Conference will primary focus on computational science applied to molecular and cellular biology, and explain what an important role this can have. Keynote speakers of outstanding reputation, both theoretical and experimental, in biophysics and condensed matter, will provide introductory lectures.

MAIN TOPICS:

- **Disease-causing mutations**
- **Cellular signal transduction events**
- **Membrane proteins**

The Conference will also aim to create an interdisciplinary collaboration amongst all the attendees by dedicating an entire session to oral presentations. Dissemination of the participants' work, besides that of the main speakers, will help form networks of collaborative work and stimulating capacity building. Applicants are therefore encouraged to submit a short one-page abstract, along with their application form, related to the main topics above.

PARTICIPATION

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the activity. As it will be conducted in English, participants must have an adequate working knowledge of this language. Although the main purpose of the Centre is to help researchers from developing countries through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants are borne by their home institutions. However, limited funds are available for some participants, who are nationals of, and working in, a developing country, and who are not more than 45 years of age. Such support is available only to those attending the entire activity. Every effort should be made by candidates to secure support for their fare (or at least half-fare). There is no registration fee for attending the activity.

HOW TO APPLY FOR PARTICIPATION

The Application Form can be accessed at the activity website: <http://agenda.ictp.it/smr.php?2169>. Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

Activity Secretariat:

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ICTP Home Page: <http://www.ictp.it>

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**Co-sponsored by:
ICGEB, Trieste, Italy**



**In collaboration with:
INFN / DEMOCRITOS, Trieste**



DIRECTORS

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Trieste, Italy)

Sergio PANTANO
(Institute Pasteur of Montevideo,
Uruguay)

LOCAL ORGANIZER:

Ralph GEBAUER
(ICTP, Trieste, Italy)

SPEAKERS:

- F. ALBER (Los Angeles, USA)**
- D. BEVERIDGE (Middletown, USA)**
- M. DELARUE (Paris, France)**
- M. GIACCA (Trieste, Italy)**
- A. GIORGETTI (Verona, Italy)**
- A. LAIO (Trieste, Italy)**
- R. LAVERY (Lyon, France)**
- G. LEGNAME (Trieste, Italy)**
- A. MARCELLO (Trieste, Italy)**
- C. MICHELETTI (Trieste, Italy)**
- S. MORO (Padova, Italy)**
- R. NUSSINOV (Frederick, USA)**
- S. ONESTI (Trieste, Italy)**
- M. PARRINELLO (Switzerland) ***
- S. PIANA-AGOSTINETTI (NY, USA)**
- S. ROLLER (Aachen, Germany)**
- F. SUGGI LIVERANI (Trieste, Italy)**
- R. TWAROCK (York, Heslington, UK)**
- A. VARGIU (Monserato, CA, Italy)**

* to confirm

**DEADLINES for
submitting applications:**

1 JUNE 2010
(Requesting Financial support)

1 SEPTEMBER 2010
(Not Requesting Financial support)