



16 - 21, March 2008

RIO - BRAZIL

## ORGANIZERS

Jerson Silva - UFRJ, Brazil

José Onuchic - UC San Diego, USA

Daniel Cox - UC Davis, USA

Elisa Baggio Saitovitch - CBPF, Liaison I2CAM-FAPERJ, Brazil

## SCOPE

The 2<sup>nd</sup> I2CAM/FAPERJ Spring School with focus on **Biological Physics**, will be held in Rio de Janeiro from 16<sup>th</sup>- 21<sup>th</sup> March, 2008. The conference is co-funded by **ICAM** and by **FAPERJ** (the state agency of Rio de Janeiro for research founding) and will be hosted by the CBPF, in Rio de Janeiro. The first school was related with topics on Emergent Behavior in Quantum Matter and the 93 participants were supported by FAPERJ, I2CAM, NSF and CAPES. The third school is envisioned to focus in the area of soft condensed matter. There will be approximately three lectures per day, in the ICAM format of 60 mins talk + 30 mins discussion that has already been pioneered in the Cargese summer schools. We have funding to support approximately 35 students from North America and from South America. Additional students, coming on their own finance from other locations will also be welcome, in addition to local students from several universities and research centers in and around Rio de Janeiro.

## LOCATION

**CENTRO BRASILEIRO DE PESQUISAS FÍSICAS** (CBPF) is located in Rio de Janeiro, near to the "Sugar Loaf", one of the most famous post card of the wonderful city of Rio de Janeiro.

## INVITED SPEAKERS

### CORE "Primer Lectures"

**Jose Onuchic** Protein Folding and Allostery.

**Daniel Cox** Protein Complexes/Aggregates, Protein/DNA interactions, Protein/Membrane Interactions

**Terry Hwa** Interface of Molecular Biological Physics to Cell/Systems Biology; How to Read Experimental Biology Papers.

### Specialty Lectures

**Jerson Silva** NMR and Fluorescence for Dynamics and Protein Folding/Aggregation Studies.

**Ana Paula Valente** NMR for Protein Structural Determination and Dynamics.

**Taekjip Ha** Single Molecule Studies.

**Cecelia Clementi** Computational Studies of Biological Molecules.

**Alex Mogilner** Cell Level Biological Physics.

**Henrique L de Barros** Magnetoglobus Multicellularis: An Example of Magnetic Organism

Sponsor



## POSTER SESSION

We shall also hold two evening Poster Session. A good atmosphere of scientific discussion will be accompanied by cold Brazilian beers in order to refresh the hot summer of Rio de Janeiro.

Sponsors



## REGISTRATION

The registration can be done until January 15<sup>th</sup>, 2008.

[www.icam-i2cam.org/conference/faperj08/](http://www.icam-i2cam.org/conference/faperj08/)

Sponsors



Secretariat CBPF - Brazilian Center for Research in Physics - R. Dr. Xavier Sigaud, 150, Urca, RJ  
Rio de Janeiro, Brazil, cep: 22290-180 / Phone . Fax : 55 (21) 2141-7423 / e-mail: i2camfbr@cbpf.br