

17 - 23, May 2009

RIO - BRAZIL

ORGANIZERS

Paul Chaikin - NYU, USA

Elisa Baggio Saitovitch - CBPF, Brazil

SCOPE

The third I2CAM/FAPERJ Spring School, with a focus on Soft Condensed Matter, will be held in Rio de Janeiro from 17 to 23 May, 2009. The conference is co-funded by ICAM and FAPERJ (the state agency of Rio de Janeiro for funding research) and will be hosted by CBPF, in Rio de Janeiro. The first schools were related to topics on Emergent Behavior in Quantum Matter, and on Biological Physics; the participants were supported by FAPERJ, I2CAM, NSF and CAPES. There will be approximately three lectures per day, in the ICAM format of 60 mins talk + 30 mins discussion, following the example of the Cargese summer schools. We have funding to support approximately 40 students from North and South America. Additional students, coming with their own support from other locations are also welcome, in addition to local students from universities and research centers in and around Rio de Janeiro.

LOCATION

CENTRO BRASILEIRO DE PESQUISAS FÍSICAS (CBPF - www.cbpf.br) 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"

Paul Chaikin	Organization in Soft Matter Systems
Philip Pincus	Fundamental Interactions for Soft Condensed Matter
Dave Weitz	Elasticity and Flow in Soft and Biological Materials
Ludwik Leibler	Polymer and Supramolecular Assemblies
Marcia Barbosa	Density Functional Approach for Charged Systems
Yan Levin	Introduction to Statistical Mechanics of Charged Systems

Specialty Lectures

Constantino Tsallis	Nonadditive Entropy and Nonextensive Statistical Mechanics- Concept and Applications
Jürgen F. Stilck	Collapse Transition for Polymers
Ronald Dickman	Phase Transitions far From Equilibrium: Models and Experiments in Soft Matter
Nathan Viana	Soft matter: from liquid crystals to cells

POSTER SESSION

We shall also hold two evening Poster Session. A good atmosphere of scientific discussion will be accompanied by cold Brazilian soft drinks.

Sponsors



REGISTRATION

The registration can be done until April 15th, 2009.

<http://icamconferences.org/faperj09/>

Sponsors



The participants will be accommodated in the Leme Palace Hotel.

http://www.hoteis-othon.com.br/html/hotel/leme-othon-palace/o_hotel.aspx

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