

CONFERENCE AND SCHOOL ON UNIFYING CONCEPTS IN GLASS PHYSICS III STATPHYS22 Satellite Meeting

Conference: 28 June – 1 July 2004

School: 25 – 26 June 2004

Bangalore, India

The Abdus Salam International Centre for Theoretical Physics (ICTP) and The Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) are organizing the third edition of the conference "Unifying Concepts in Glass Physics" from 28 June to 1 July 2004 in association with the IUPAP 22nd International Conference on Statistical Physics (STATPHYS22) Bangalore, India. The previous editions were held in Trieste, ICTP, 15 – 18 September 1999 and Rome, Accademia dei Lincei, 27 February – 2 March 2002.

Recent advances in the study of the structural glass transition have lead to increased appreciation of universal aspects of glassy systems. As in the previous editions the scope of the workshop will be to bring together researchers conducting mainly theoretical and computational investigations on different aspects of glassy physics, in the hope of promoting the exchange of ideas on recent developments and explore interactions between different approaches that may be desirable to address outstanding problems.

The Conference will focus on theoretical studies of the glass transition (both equilibrium and dynamic theories), and computational studies of dynamics in the supercooled liquid and glassy states, as well as related aspects of other glassy systems such as spin glass systems and kinetically constrained models.

The Conference that is open to everyone will be preceded by a two-day School on 25 and 26 June 2004 which is reserved for graduate students only. The School is meant to provide a didactical introduction to the field of glass physics and the research topics covered in the Conference. The programme of the School will include: Slow dynamics and aging, Spin glass theory, Dynamical heterogeneities, Energy landscape approaches, Glass phenomenology.

PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of this language. Although the main purpose of the Centre is to help research workers 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 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 some participants who are nationals of, and working in, a developing country, and who are not more than 45 years old. Such support is available only for those who attend the entire activity. Kindly specify on the application form if you are applying for: School, Conference or both. There is no registration fee.

The **Application Form** is obtainable from the ICTP WWW server: <http://agenda.ictp.trieste.it/agenda/current/fullAgenda.php?email=0&ida=a0372> (which will be constantly up-dated) or from the activity Secretariat. It should be completed and returned before **10 May 2004** to:

Conference & School on Unifying Concepts in Glass Physics
(smr 1591) (c/o Ms Stanka Tanaskovic)
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34014 Trieste, Italy.

or

smr1591@ictp.trieste.it (please save and send file attachments in RTF format)

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DEADLINE
for requesting participation

10 May 2004