

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the International School for Advanced Studies (SISSA) and the Italian Institute for Nuclear Physics (INFN), will hold a

# SUMMER SCHOOL

on

# PARTICLE PHYSICS

**13 - 24 June 2005**

**Miramare, Trieste, Italy**

## TOPICS

- \* **STANDARD MODEL AND HIGGS PHYSICS**
- \* **NEUTRINO PHYSICS**
- \* **CP VIOLATION AND B-PHYSICS**
- \* **NEW DEVELOPMENTS IN HADRON SPECTROSCOPY**
- \* **QCD PHASE TRANSITIONS AND HEAVY ION COLLISIONS**
- \* **SUPERSYMMETRY: STATUS AND NEW DEVELOPMENTS**
- \* **PHYSICS OF EXTRA DIMENSIONS**
- \* **STRING PHENOMENOLOGY**
- \* **PHYSICS AT NEW COLLIDERS**
- \* **PARTICLE ASTROPHYSICS**

## 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.

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. There is no registration fee to be paid.

The **Application Form** is obtainable from the ICTP WWW server: <http://agenda.ictp.trieste.it/smr.php?1663> (which will be constantly up-dated) or from the activity Secretariat. It should be completed and returned before **15 March 2005** to:

**Summer School in Particle Physics**  
(smr 1663 - c/o Ms. Rosanna Sain)  
the Abdus Salam International Centre for Theoretical Physics  
Strada Costiera 11, 34014 Trieste, Italy.

or

[smr1663@ictp.trieste.it](mailto:smr1663@ictp.trieste.it) (please save and send file attachments in RTF format)

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**DEADLINE**  
for requesting participation

**15 March 2005**

