

INTRODUCTORY SCHOOL ON String Theory

3 – 14 JUNE 2002

Miramare, Trieste, Italy

Organizers: E. GAVA (INFN), K.S. NARAIN (ICTP), S. RANDJBAR-DAEMI (ICTP)

The purpose of this School is to provide an introductory set of lectures on string theory for beginners in the field. The School will begin with a discussion of the quantization of strings, their low energy effective theories and their compactifications, and will lead up to recent developments in the non-perturbative aspects of string theory such as D-branes, string dualities and dualities between string theories and gauge theories (e.g. AdS/CFT correspondence).

TOPICS INCLUDE:

- BOSONIC & FERMIONIC STRINGS, HETEROTIC STRING
- SUPERGRAVITY ACTIONS AND THEIR CLASSICAL SOLUTIONS
- TOROIDAL & CALABI-YAU COMPACTIFICATIONS
- D – BRANES & OPEN STRINGS
- STRING DUALITIES
- STRING THEORY/GAUGE THEORY DUALITY

This School is open to scientists from all countries that are members of the UN, UNESCO or IAEA but is mostly dedicated to young researchers from developing countries. As the School will be conducted in English, participants should have an adequate working knowledge of that language. There is no registration fee for attending the School.

Grants are available to cover living and travel expenses for some participants from developing countries.

Candidates should complete and return the "Request for Participation" form, (also obtainable via e-mail: smr1410@ictp.trieste.it by typing on the subject line "get announcement", or via the WWW server which will be constantly updated: <http://agenda.ictp.trieste.it/smr.php?1410/>), before 15 March 2002, to:

Introductory School on STRING THEORY
c/o Ms. Patrizia Passarella
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11
34014 Trieste, Italy

Ph. +39-040-2240231 Fax +39-040-2240304 Email: passarel@ictp.trieste.it

If sending an application by e-mail, please save and send file attachments in RTF format.

ORGANIZERS

E. GAVA
(INFN)

K.S. NARAIN
(ICTP)

S. RANDJBAR-DAEMI
(ICTP)

DEADLINE

15 MARCH 2002