



The Abdus Salam
International Centre for Theoretical Physics


United Nations
Educational, Scientific
and Cultural Organization


International Atomic
Energy Agency



Cosmology and Strings

9 - 13 July 2007

Miramare, Trieste, Italy

co-sponsored by: the Italian Institute for Nuclear Physics (INFN)
and the International School for Advanced Studies, ISAS/SISSA

A Workshop on Cosmology as a Testing Ground for String Theory

In recent years there has been an impressive improvement in Cosmological observations. Cosmology is developing into one of the most promising testgrounds for String Theory. The Workshop will focus on this fruitful interface. The topics to be discussed will include:

- Inflation in string theory
- Landscape of vacua
- Cosmic strings
- String inspired alternatives to inflation
- Cosmological solutions in string theory
- Cosmological data VS string theory
- Future experimental observations

The main idea of the workshop is to highlight important new developments and problems and to stimulate discussion of these through a small number of daily talks and discussion sessions.

There is a limited amount of support available for participants to attend the meeting, though priority will be given to younger researchers and researchers from developing countries. There is no registration fee.

We ask that all prospective participants take a few minutes to complete the **Online Application Form** and **Request for funds** obtainable from the ICTP WWW server: <http://agenda.ictp.it/smr.php?1851>, and attach a C.V (for students a recommendation letter from their tutor is also requested). Kindly send all file attachments in either: rtf, .doc or .pdf format.

Cosmology and Strings

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for requesting
participation

1 April 2007