



# **Nonlinear Cosmology: Turbulence and Fields**

**9 - 12 May 2005**

**Miramare - Trieste, Italy**

The Abdus Salam International Centre for Theoretical Physics (ICTP) is organizing a Workshop on "**Nonlinear Cosmology: Turbulence and Fields**", to be held from 9 to 12 May 2005 in Trieste, Italy. The Workshop is focused on the nonlinear phenomena on cosmological scales. Among others, the following problems will be discussed:

- 1. Early universe**
- 2. Observations: CMB, gravity waves, neutrino**
- 3. Magnetic fields**
- 4. Large-scale structures**
- 5. Dark matter**

The purpose of this Workshop is to bring together specialists from different scientific communities, both from developed and developing countries, to discuss new observational results and analysis of cosmological data and models.

## **Participation**

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the Workshop. Although the main purpose of the ICTP is to help researchers from developing nations through a programme of training activities within a framework of international cooperation, students and scientists from developed countries are also welcome to attend. As the Workshop will be conducted in English, participants must have a good working knowledge of that language.

As a rule, travel and subsistence expenses of the participants are borne by the home institution. However, limited funds are available for some participants from, and working in, developing countries, to be selected by the organizers. Such financial support is available only for those who attend the entire activity. Every effort should be made by candidates to secure support for their fare (or partial fare) from their home countries. There is no registration fee to attend the Workshop.

Those wishing to participate should complete and return the "**Application form**", to be found at the back of Bulletin (also obtainable via **e-mail: [smr1654@ictp.trieste.it](mailto:smr1654@ictp.trieste.it)**, by typing on the subject line "**get index**", or via **WWW Server: <http://agenda.ictp.trieste.it/smr.php?1654>**). The completed request form should be signed and sent to:

the Abdus Salam ICTP

**"Nonlinear Cosmology: Turbulence and Fields"**

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ICTP Home Page: <http://www.ictp.trieste.it>

## **There is no deadline for requesting participation**

**Application for a visa (if necessary) shall be done at the Italian Consulate or Embassy in your country of origin or where you have permanent residence not later than 8 weeks before visiting ICTP**

the  
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## **ORGANIZERS**

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## **LOCAL ORGANIZER**

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**APPLICATION  
DEADLINE**

**1 January 2005**