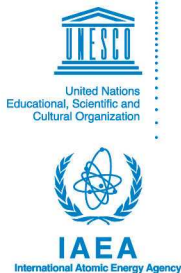




The Abdus Salam
International Centre for Theoretical Physics



The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the Italian Institute for Nuclear Physics (INFN), will hold the

BENE 2012

BEHIND NEUTRINO MASS

*Workshop on theoretical aspects of
the neutrino mass and mixing*

17 - 21 September 2012

ICTP, Miramare, Trieste, Italy

VENUE: Kastler Lecture Hall, Adriatico Guesthouse

The goal of the Workshop is to discuss in depth the possible nature and origins of neutrino masses and mixings, to review the status of different mechanisms and models and their future tests and to explore new ideas about neutrino mass generation.

TOPICS of the Workshop will include:

- Determination of mass and mixing parameters
- Neutrino mass and the electroweak symmetry breaking
- Nature of neutrino mass
- Neutrinos and Dark sector of the Universe
- Mechanisms of neutrino mass generation
- Neutrino mass and Grand Unification, SUSY, Strings
- Neutrinos and extra dimensions
- Flavor symmetries and lepton mixing
- Neutrinos and fundamental symmetries
- New neutrino states: experimental and theoretical status
- Implications of the LHC data for neutrinos

PARTICIPATION:

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the workshop. 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** can be accessed at the activity website: <http://agenda.ictp.it/smr.php?2366> (which will be constantly up-dated).

BENE 2012 - "Behind Neutrino Mass"
(smr 2366 - c/o Ms. Rosanna Sain - Activity Secretary)
the Abdus Salam International Centre for Theoretical Physics
Strada Costiera 11, 34151 Trieste, Italy.

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Activity Web page: <http://users.ictp.it/~smr2366/index.html>

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

Organizing Committee:

Ferruccio FERUGLIO
(INFN, Padova)

Ernest MA
(University of California)

Rabindra MOHAPATRA
(University of Maryland)

Alexei Yu. SMIRNOV
(ICTP)

Scientific Secretary:

Daniel HERNANDEZ
(ICTP)

DEADLINE
for requesting participation

31 May 2012