



The Abdus Salam
International Centre for Theoretical Physics



Joint ICTP/IAEA Workshop on Alternative Response Actions to Climate Change and Energy Options

5 - 9 October 2009
ICTP, Miramare, Trieste

The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy, in collaboration with the IAEA International Atomic Energy Agency, Vienna, Austria, is organizing a **Workshop on Alternative Response Actions to Climate Change and Energy Options, to take place from 5 to 9 October 2009.**

The purpose of this Workshop is to review and share with a wider audience the results of the research project being supported by the IAEA on "Greenhouse Gas" (GHG) Mitigation Strategies and Energy Options", and to draw a suitable direction for future research on this subject.

Being the major source of GHG emissions, the energy sector will increasingly be affected by future response actions by the internal community for climate protection. The architecture of any post-Kyoto agreement, its flexibility instruments and their implementation rules will have a great influence on energy technology choices and investment decisions at both the national and global levels. It is therefore extremely important to assess the prospects for different energy supply options and associated technologies, including nuclear power with regard to their environmental effectiveness (GHG reduction), economic efficiency (least-cost climate protection) and their compatibility with long-term sustainable development objectives. In particular, this Workshop aims to disseminate information to assist in finding a mutual agreement on global mitigation targets, national reduction commitments and international mechanisms before the next COP-15 meeting in December 2009.

Topics include:

- **Review of alternative response actions to climate change;**
- **Assessment of energy technologies for GHG mitigation under alternative response actions to climate change, both in industrialized and developing countries situations.**

Participants are encouraged to make contributory presentations during the Workshop on topics related to GHG mitigation potential of different energy technologies and/or response actions in the energy field to combat climate change. Short one-page abstracts (A4) of such presentations should be attached to the application form. File attachments should be in PDF format.

PARTICIPATION

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the activity. As it will be conducted in English, participants must have an adequate working knowledge of this language. Although the main purpose of the Centre is to help researchers from developing countries through a programme of training activities within a framework of international cooperation, a limited number of students and post-doctoral scientists from developed countries are also welcome to attend.

As a rule, travel and subsistence expenses of the participants are borne by their home institutions. 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 to those attending the entire activity. There is no registration fee for attending the activity.

HOW TO APPLY FOR PARTICIPATION

The Application Form can be accessed via the ICTP activity agenda page at: <http://agenda.ictp.it/smr.php?2061>. Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form. Deadline for receipt of applications: **10 JUNE 2009**

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