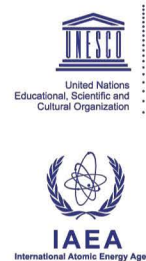




The Abdus Salam  
**International Centre  
for Theoretical Physics**  
50th Anniversary 1964 - 2014



# Joint ICTP-IAEA College on Identification and Assessment of Nationally Appropriate Mitigation Actions (NAMAs) in Energy System Development to help Combat Climate Change

**5 - 9 May 2014**

**Miramare - Trieste, Italy**

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the IAEA International Atomic Energy Agency, Vienna, Austria, will organize a **College on Identification and Assessment of Nationally Appropriate Mitigation Actions (NAMAs) in Energy System Development to help Combat Climate Change**, which will be held at ICTP, Trieste, Italy, from **5 to 9 May 2014**.

The purpose of this college is to address the capability gap that exists in many developing countries and help build necessary expertise to identify NAMAs in the energy system development and to assess their effectiveness in combating climate change.

As the major source of GHG emissions, the energy system will inevitably be affected by international environmental agreements targeted at avoiding dangerous anthropogenic interference with the climate system. Since over two-thirds of the projected increase in world energy demand is expected to occur in developing countries, their energy technology choices and investment decisions will have considerable impact on the international efforts towards mitigation of climate change.

As an important contribution to these efforts, the international community under UNFCCC has agreed that developing countries submit (voluntary) plans on National Appropriate Mitigation Action (NAMA) aimed at avoiding/reducing future GHG emissions. Hence, there is a need not only to identify and evaluate cost-effective NAMAs but also to better understand the challenges and opportunities for the development of energy systems under alternative and/or complementary response actions to climate change at national and international levels. Reconciling the national actions on climate and policies on energy with international targets is extremely challenging.

During the college the above themes will be addressed through a series of lectures and hands-on laboratory classes using state-of-the-art modelling tools.

## Topics include:

**Energy options and climate change threats,  
Major issues in equitable international climate regime,  
Scientific uncertainties and their impact on energy and climate policy formulation,  
Methods for assessment of Nationally Appropriate Mitigation Actions.**

Participants are encouraged to make contributory presentations during the College 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 less than 45 years of age. Such support is available only to those attending the entire college. There is no registration fee for attending the college.

## HOW TO APPLY

The application form can be accessed at the activity website:

<http://agenda.ictp.it/smr.php?2580>

Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and submit the application form.

**Secretariat:** Ms. Petra Krizmancic E-mail: [smr2580@ictp.it](mailto:smr2580@ictp.it) Phone: +39-040-2240272 Fax: +39-040-22407272

College's web page: <http://agenda.ictp.it/smr.php?2580>

ICTP Home Page: [www.ictp.it](http://www.ictp.it)

**IN COLLABORATION WITH**



## **DIRECTORS**

**A.I. JALAL**

International Atomic Energy  
Agency, Austria

**H.H. Rogner**

International Institute for Applied  
Systems Analysis, Austria

**M. Howells**

Royal Institute of Technology,  
Sweden

## **LOCAL ORGANIZER**

**A. Tompkins**

ICTP, Italy

## **DEADLINE**

**for requesting participation**

**31 January 2014**