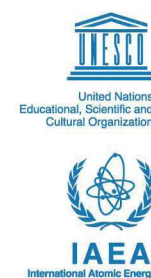




The Abdus Salam
International Centre for Theoretical Physics



Conference on Role of e-infrastructures for Climate Change Research

16 - 20 May 2011
ICTP-Trieste, Italy

Climate change is a worldwide concern and climate change studies are among the priorities in Worldwide research programs. The increasing ability to understand complex, system-oriented phenomena such as climate change is strictly correlated with the need for increasing data and computing resources.

e-Infrastructures represent an innovative and unique approach to address this problem. They demonstrated to be an efficient way to share and access resources of different types, which can effectively enhance the potential of scientific research and productivity.

This **International Conference** will address the role of e-infrastructures toward a better understanding of climate change from the global to the regional scales. The main goal of this event is to expose the participating scientists and stakeholders to modern e-infrastructures (which include an HCP and Grid environments) so that the potential provided by this infrastructure for climate change research can be assessed.

Preliminary Program of the Conference:

- Monday, 16 May Welcome Session: 18:00
- Tuesday, 17 May Morning Session: High-level shareholders
Afternoon Session: e-infrastructure for Climate Research
Evening Session: Poster Session I
- Wednesday, 18 May Morning Session: Frontiers in Climate Modeling
Afternoon Session: Use of climate information in support of adaptation/mitigation policies
Evening Session: Poster Session II
- Thursday, 19 May & Friday, 20 May: RegCM4 tutorial (50 seats available)

Call For Papers

For those interested in making an oral or poster presentation during the Conference, a one-page abstract (size A4) should be uploaded **directly to the on-line application**. (Please upload file attachments in .pdf). The time available for contributed oral presentations will be very limited; some authors who submit abstracts for oral presentations may be asked to present a poster instead.

PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the School. As it will be conducted in English, participants should have an adequate working knowledge of this language. As a rule, travel and subsistence expenses of the participants should be borne by the home institution. However, limited funds are available for some participants, who are working in the region and not more than 45 years of age. There is no registration fee.

APPLICATION:

The "On-line Application" form can be accessed at the:
Conference Webage: <http://users.ictp.it/~smr2238/>
ICTP activity website: <http://agenda.ictp.it/smr.php?2238>
inclusive of a **step-by-step instruction guide**.

ACTIVITY SECRETARIAT

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Trieste, February 2011

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APPLICATION DEADLINES

For requesting sponsored
participation to the full week
(tutorial + conference)

15 February 2011

For requesting cost-free
participation to the conference only

30 April 2011