

***Second ICTP Conference on***  
***DETECTION AND MODELING OF***  
***REGIONAL CLIMATE CHANGE***

***30 September to 4 October 2002***  
***Miramare, Trieste, Italy***

The Abdus Salam International Centre for Theoretical Physics (ICTP) is organizing the Second ICTP Conference on "Detection and Modeling of Regional Climate Change", to be held from 30 September to 4 October 2002, in Trieste, Italy. The conference is co-sponsored by the EC-funded project PRUDENCE (Prediction of Regional scenarios and Uncertainties for Defining European Climate change risks and Effects; details at <http://www.dmi.dk/f+u/klima/prudence/index.html>) and will include sessions dedicated to the PRUDENCE project.

The Organizers of the Conference are Filippo Giorgi (ICTP, Italy), Richard Jones (Hadley Centre, U.K.), Jens H. Christensen (Danish Met. Institute, Denmark), and Martin Beniston (Univ. of Fribourg, Switzerland).

The Conference will include invited papers, contributed papers and poster sessions on the following topics:

- detection and attribution of climatic trends, with emphasis on the regional scale
- simulation of regional climate change due to increased greenhouse gas concentration, sulfate aerosols and landuse changes via coupled Atmosphere/Ocean General Circulation Models (A/OGCMs), nested regional climate models, high resolution and variable resolution "time slice" AGCM experiments
- analysis of the performance of A/OGCMs and variable resolution models at the regional scale
- development and analysis of regional climate models
- evaluation of uncertainties in the generation of regional climate change information
- interfacing of climate information and impact assessment models, including statistical downscaling methods

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Invited Speakers include: M. Beniston (Univ. Fribourg, Switzerland), T. Carter (FEI, Finland), J. Christensen (DMI, Denmark), W. Cramer (Univ. Potsdam, Germany), T. Crowley (Duke Univ., U.S.A.), M. Deque (Meteo-France, France), K. Dethloff (Univ. Potsdam, Germany), F. Giorgi (ICTP, Italy), D. Hudson (Univ. CapeTown, South Africa), R. Jones (Hadley Centre, U.K.), R. Laprise (UQAM, Canada), R. Leung (PNL, U.S.A.), J. McGregor (CSIRO, Australia), J. Raisanen (Rossby Centre, Sweden), M. Rummukainen (Rossby Centre, Sweden), P. Stott (Hadley Centre, U.K.), H. vonStorch (GKSS, Germany), P. Whetton (CSIRO, Australia).

The Conference is intended for scientists and graduate students working in the areas of Atmospheric Physics and Dynamics, Climatology, Oceanography, Physics and Mathematics. It is open to scientists from all member countries of the United Nations, UNESCO and IAEA. Although the main purpose of the ICTP is to help researchers from developing countries through a program based on international cooperation, scientists from developed countries are also welcome to attend. The activity will be conducted in English.

Limited funds are available for applicants from, and working in, developing countries only, to be selected by the organizers. There is no registration fee. Individuals interested in participating should submit an application to arrive no later than 30 May 2002. Those submitting a contributed paper or poster should include the title and a brief abstract with their application.

The application form included in this Bulletin can also be obtained either  
1) By accessing the web page <http://www.ictp.trieste.it/~pwc> and downloading the form or  
2) By sending an e-mail message to [smr1428@ictp.trieste.it](mailto:smr1428@ictp.trieste.it) with the subject "get index".

Please send your completed application form via e-mail, fax, or post to:

**the Abdus Salam ICTP**  
**Conference on**  
**Detection and Modeling of Regional Climate Change**  
**(c/o P. Pieri) Strada Costiera 11, 34014 Trieste, Italy**  
**Tel: +39 040 2240 374 / Fax: +39 040 2240 449**  
**E-mail: [smr1428@ictp.trieste.it](mailto:smr1428@ictp.trieste.it).**

Any questions concerning the activity should be addressed to the secretary at [smr1428@ictp.trieste.it](mailto:smr1428@ictp.trieste.it).