

11th Workshop on the Theory and Use of Regional Climate Models



2 - 6 October 2023
Trieste, Italy

Further information:
<http://indico.ictp.it/event/10215/>
smr3881@ictp.it

The workshop will provide both theoretical lectures and hands-on sessions on the theory of regional climate modeling and the use of regional climate models (RCMs), and more specifically the ICTP RegCM system, which is one of the most used in the world, especially by scientists from developing countries.

This edition of the workshop focusses on the description and use of the recently developed latest version of the ICTP RCM, RegCM5, which includes a number of improvements compared to the previous RegCM4 version, particularly in the area of model dynamics and numerics.

Description:

The participants will be expected to complete group projects with the RegCM5 system during the workshop and to report the outcomes of the project on the last day.

This activity supports the international program CORDEX, which has the goal, among others, to enhance the capability of developing country scientists to carry out climate modeling research.

It is expected that the participants to the 11th RegCM Workshop also attend the preceding International Conference on Regional Climate ICRC-CORDEX 2023, 25-29 Sept 2023, for which the application can be found under link: <https://indico.ictp.it/event/10212/>

Topics:

- The theory of regional climate modeling
- Regional modeling at convection permitting resolutions
- Regional climate change simulations
- Climate extreme and hazards
- The RegCM5 system

How to apply:

Online application:
<http://indico.ictp.it/event/10215/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Organisers:

Moetasim Ashfaq, ORNL, USA
Xuejie Gao, IAP/CAS, China
Binita Pathak, Dibrugarh U., India
Rosmeri Porfirio Da Rocha, U. San Paolo, Brazil

Local Organisers:

Erika Coppola, ICTP, Italy
Filippo Giorgi, ICTP, Italy

Speakers:

Moetasim Ashfaq, ORNL, USA
James Ciarlo, U. of Malta, Malta
Graziano Giuliani, ICTP, Italy
Rita Nogherotto, ICTP, Italy
Binita Pathak, Dibrugarh U., India
Emanuela Pichelli, ICTP, Italy
Francesca Raffaele, ICTP, Italy
Michelle Reboita, U. Federal de Itajubá, Brazil
Fredolin Tangang, U. Kebangsaan, Malaysia
Csaba Torma, Eötvös Loránd U., Hungary

Deadline:

15 May 2023

