

Young Scientist School and Conference on Computational Information Technologies for Environmental Sciences CITES-2019



27 May - 6 June 2019
Moscow, Russia

Further information:

<http://indico.ictp.it/event/8739/>
smr3339@ictp.it

The theme of the school is subseasonal to decadal (S2D) weather and climate predictions. The school will cover aspects from modelling and data assimilation to forecast information delivery and relevant practical applications.

Description:

Recently, the accuracy of S2D predictions have significantly advanced, exploiting potential sources of atmosphere predictability, such as interactions of the atmosphere with the ocean, sea-ice, land surface, and internal atmosphere modes of variability such as the MJO and QBO. The event comprises a one-week school with lectures given by leading experts from the World Climate Research Programme (WCRP) Working Group on Subseasonal to Interdecadal Prediction (WGSIP), introducing systems from some of the world's leading operational centers. The lectures will be complemented by lab exercises using open-access data of near-real time and historical forecasts.

In the second week, the "Computational Information Technologies for Environmental Sciences" Conference will take place.

More information on the conference, including abstract requirements, is available at:

<http://www.scert.ru/en/conferences/cites2019/>

Topics:

- Subseasonal prediction;
- Seasonal prediction;
- Interannual prediction;
- Earth system modelling;
- Practical applications of long range forecasts.

The school invites applications from PhD students, early career scientists and national meteorological services specialists. A working knowledge of English language is required and a motivation letter in English forms part of the application process. Participants are expected to know how to handle NetCDF data and to visualize it.

Organizers:

E. GORDOV

Institute for Monitoring of Climate and Ecological Systems, SB RAS, Russia

V. KHAN

Hydrometcentre of Russia, Russia

M. TOLSTYKH

Marchuk Institute of Numerical Mathematics RAS and Hydrometcentre of Russia

ICTP

Contact/Organizer:

A. TOMPKINS

ICTP, Trieste, Italy

Speakers include:

L. BATTE, Meteo-France, France

L. FERRANTI, ECMWF, UK

D. HUDSON, BoM, Australia

V. KHAN, Hydrometcentre of Russia

LI, JUNE-YEE, University of Pusan, Korea

B. MERRYFIELD, CCMA, Canada

R. SAURAL, CIMA, University of Buenos Aires, Argentina

A. TOMPKINS, ICTP, Trieste, Italy

M. TOLSTYKH, INM RAS, Russia

How to apply:

Online application:

<http://indico.ictp.it/event/8739/>

Female students and 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.

Deadline:

1 February 2019



The Abdus Salam
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