



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



2ND TOSCA TRAINING SCHOOL

SOLAR VARIABILITY AND CLIMATE RESPONSE

OCTOBER 13 - 17, 2014
 ICTP TRIESTE, ITALY



COST ACTION ES1005 TOSCA (www.tosca-cost.eu), the FP7 collaborative project SOLID (projects.pmodwrc.ch/solid), and the Abdus Salam International Centre for Theoretical Physics (ICTP), are organizing the 2nd TOSCA School on “Solar variability and climate response”, to be held at ICTP, Trieste, Italy, from October 13 - 17, 2014.

The school is open to young scientists (PhD, young post-docs and 2nd year master students) and aims at providing them with a global understanding of the complex and controversial role of solar variability in climate change. Various topics will be covered, including the basic processes (solar, heliospheric, and atmospheric physics) with emphasis on the climate response, diagnostic techniques, errors and uncertainties, needed research, and socio-economic aspects.

The program will consist of three main modules, including lectures, guided discussions, and computer sessions. In addition, the students will be divided in small teams which will each develop a specific project related to the topics addressed by the school. Tutors will assist the working teams. The projects will be presented by the teams and discussed during the final day of the school.

The school is open to students from all countries. There is no registration fee. Limited funds are available to cover travel expenses for some participants, with priority given to those nationals of, and working in, a developing country, and who are not more than 32 years old. Participants will be accepted by the Organizing Committee mainly on the basis of their qualifications and the possible benefit to their research from attending the school.

How to apply:

The on-line application form can be accessed via the ICTP activity agenda page at:
http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a13225

Contact Information: Phone: +39 040 2240 374

E-mail: smr2608@ictp.it

Find more information at:

<http://tosca.sciencesconf.org/>

ORGANIZERS

Thierry Dudok de Wit
 (University of Orleans, France)

Ilaria Ermolli
 (INAF, Italy)

Fred Kucharski
 (ICTP, Italy)

Jean Lilensten
 (CNRS, Grenoble, France)

Kleareti Tourpali
 (Aristotle Univ., Thessaloniki, Greece)

Yoav Yair
 (The Open University, Israel)

LECTURERS/TUTORS

Margit Haberreiter
 (PMOD WRC, Switzerland)

Benjamin Laken
 (University of Oslo, Norway)

Daniel Mitchell
 (ECI, University of Oxford, UK)

Christian Muller
 (B-USOC, Belgium)

Kristoffer Rypdal
 (University of Tromsø, Norway)

Eija Tanskanen
 (Finnish Meteorological Institute Finland)

Kleareti Tourpali
 (Aristotle Univ., Thessaloniki, Greece)

Ilya Usoskin
 (University of Oulu, Finland)

Mirela Voiculescu
 (University Galati, Romania)

Yoav Yair
 (The Open University, Israel)

and others to be announced

DEADLINE

JULY 20, 2014