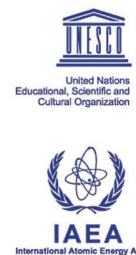




The Abdus Salam
**International Centre
 for Theoretical Physics**
 50th Anniversary 1964-2014



WORKSHOP ON SOUTH ATLANTIC CIRCULATION VARIABILITY AND CHANGE: INTEGRATING MODELS AND OBSERVATIONS

**DECEMBER 1 - 5, 2014
 BUENOS AIRES, ARGENTINA**

The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy, in collaboration with the University of Buenos Aires, CLIVAR, and CONICET, is organizing a Workshop on "South Atlantic Circulation Variability and Change: Integrating Models and Observations" to be held from December 1-5, 2014 in Buenos Aires, Argentina.

OBJECTIVES

The workshop will bring together theoreticians, modelers and observationalists interested in the South Atlantic Ocean region and its interactions with other basins. The activity has a strong training component intended for students and young researchers from South American countries. Participants will have the opportunity to be in contact with experts from the international South Atlantic Meridional Overturning Circulation (SAMOC) community and other researchers that have an interest in the region and its effects on global circulation.

The workshop will convey state-of-the-science knowledge and understanding of the subject, leading participants to improvements in their research, knowledge transfer and developing new professional links.

STRUCTURE

Day 1 and 2:

Teaching seminars, oriented to advanced students and young researchers, on the Meridional Overturning Circulation and general ocean circulation in the Southern Ocean and South Atlantic: Modelling, Observations and Theory.

Topics will include:

- The South Atlantic Circulation
- Modelling the Coastal and Regional Circulation in the South Atlantic
- The Southern Ocean and global implications
- Observations in the South Atlantic

Day 3:

Presentations on South Atlantic general topics.

Topics will include:

- Recent advances in our understanding of the South Atlantic
- Recent modelling studies, global and regional, of the South Atlantic
- In-situ observations: past, on-going and future projects

Afternoon poster session where students and researchers may present their work.

Day 4 and 5:

SAMOC & South Atlantic dedicated Workshop.

In collaboration with the SAMOC Initiative.

All lectures and training sessions will be held in the English language and proficiency in English is a requirement for selection. Applicants are encouraged to submit an abstract for the poster. Limited funds are available to support the attendance of junior scientists from South America. There is no registration fee for the workshop.

PARTICIPATION

The on-line application form can be accessed via the ICTP activity agenda page at:

http://cdsagenda5.ictp.trieste.it/full_display.php?ida=a13255

Contact Information:

Phone: +39 040 2240 374

E-mail: smr2635@ictp.it



ORGANIZERS

A. Piola
 (UBA, Argentina)



M. Saraceno
 (UBA, Argentina)



R. Farneti
 (ICTP, Italy)



L. Sitz
 (ICTP, Italy /
 UNS, Argentina)

INVITED LECTURERS

M. Barreiro
 (UdelaR, Uruguay)

C. Boening
 (GEOMAR, Germany)

E. Curchitser
 (Rutgers Univ., USA)

S. Garzoli
 (UM/CIMAS & NOAA, USA)

R. Matano
 (OSU, USA)

C. Meinen
 (NOAA, USA)

E. Palma
 (UNS, Argentina)

S. Speich
 (ENS, France)

DEADLINE
September 15, 2014