

## **WCRP SPARC Austral Summer School in Argentina**

### **Dynamics and chemistry of atmospheric variability and change**

**17-28 February 2020**

**School of Exact and Natural Sciences, University of Buenos Aires, Argentina.**

**Course Characteristics:** The course will consist of two weeks of lectures, seminars, discussion and practical exercises with toy models. Main topics are: Stratospheric dynamics and transport, Stratospheric chemistry and the ozone hole, Stratosphere-troposphere dynamical coupling, Stratosphere-troposphere radiative and chemical coupling, Storm track dynamics, Tropospheric ozone and air pollution, Scenario-driven approach to climate change, Storyline approach to climate change.

**Lecturers:** Michaela Hegglin and Ted Shepherd, University of Reading, UK.

**Local Organizer:** Carolina Vera, School of Exact and Natural Sciences, University of Buenos Aires, Argentina.

**Participation:** The course is mainly intended for early career scientists and PhD students working in areas of Atmospheric Physics and Dynamics, Climatology, Oceanography, Physics, and Chemistry, from South America institutions. Participants should have an adequate working knowledge of English. Participants are required to take part in all aspects of this activity for its entire duration. There is no registration fee.

For questions or further information, please contact:

Marisol Osman: [osman@cima.fcen.uba.ar](mailto:osman@cima.fcen.uba.ar)