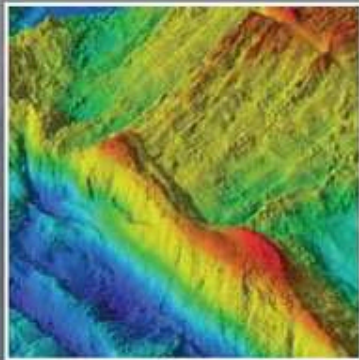


CALL FOR PAPERS



The Scotia Arc

Geodynamic Evolution and Global Implications



**Instituto Andaluz de Ciencias de la Tierra (CSIC/UGR),
Granada, Spain**

about 5 km from Granada city center

14-16 May 2013

International symposium dedicated to the memory of Peter Barker and to the scientific contributions he made in the Scotia Arc region. Call for papers on the geodynamic evolution of the Scotia Arc and its implications for global evolution, including paleoceanography, climate, ice-sheets and biota



Topics

1. The Break-up of the South America - Antarctic Peninsula continental bridge: geodynamic reconstruction
2. Tectonic development of the Scotia Sea: ocean basins, volcanic arcs, jumping spreading centers and opening of new seaways
3. Seismic stratigraphy and the development of paleoceanographic circulation in the Southern Ocean
4. Effects of the final break-up of Gondwanaland on biota
5. Late Cenozoic climate evolution and the growth patterns of Antarctic ice-sheets
6. Importance of the Scotia Arc development on global processes



Scientific Committee: Larry Lawver (USA) • Julian Pearce (UK) • Emanuele Lodolo (Italy) • Rob Larter (UK) • Alistair Crame (UK) • Michael E. Weber (Germany) • Carlota Escutia (Spain) • Karsten Gohl (Germany)

15 December 2012 – Preliminary registration

1 March 2013 – Abstract deadline

30 April 2013 – Registration deadline & program announcement

Conveners

Andrés Maldonado (Spain), Ian Dalziel (USA), Philip Leat (UK)

For information about submitting a paper, please visit our website at:
www.iact.csic.es (under construction)



Universidade de Vigo



Universidad de Granada