

Conference Announcement

11th International Symposium on Antarctic Earth Sciences

July 10-16th 2011



ISAES XI EDINBURGH 2011



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the birthplace of earth science

Chair
Martin Siegert

Plenary Speakers
to include

Ian Dalziel
David Sugden

Organizing Committee

Tom Bradwell
Linda Capper
Mike Curtis
Mike Hambrey
Barbara McKerrow
Kathryn Rose
Neil Ross
Mike Sparrow
Alex Tate
Alan Vaughan

Scientific Steering Committee

Helen Campbell
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Mike Hambrey
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Martyn Tranter
Alan Vaughan
Eric Wolff



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Our ambition is to bring together scientists studying the different components of Polar Earth Science to exchange information and perspectives.

As we come to terms with climate change, understanding the landscape and environmental response of the Polar regions, in particular the great Antarctic Ice Sheets, becomes ever more important. Study of geological archives, ice cores, and modern systems offers an unrivalled opportunity to reconstruct and understand the Earth's climatic variability - something which impacts on all countries and peoples of the world.

We look forward to welcoming you to Edinburgh in July 2011!

The symposium will take place at the *John McIntyre Conference Centre* in Edinburgh, adjacent to Holyrood Park and the University of Edinburgh's Halls of Residence.

The Symposium will cover the following science themes:

1. Antarctic ice sheet and the Southern Ocean
2. Major reorganisations of the ice-ocean-atmosphere system in the Cenozoic and Quaternary
3. Tectonic evolution of Antarctic seaways and margins during the Mesozoic and Cenozoic, and its influence on biota and climate
4. Antarctica and supercontinent evolution
5. Landscape and biological evolution of ice-free areas
6. Evolution of life, environments and climates in Antarctica from deep time to the present
7. Uncovering the continent
8. New frontiers and interdisciplinary advances in Antarctic Science
9. Hydrology, dynamics and biogeochemistry of the Antarctic Ice Sheet
10. Observation and modelling of POLENET data
11. Antarctic data, collections and maps

The Symposium timetable will be as follows:

Optional pre-conference excursion (1 week) to Inner Hebrides and Lochaber

- 10th July evening Icebreaker Event in *Our Dynamic Earth*
- 11th July Symposium Day 1 - evening Poster Event
- 12th July Symposium Day 2 - evening Public Lecture, Assembly Hall.
- 13th July Symposium Day 3 - evening Excursions to local sites of interest
- 14th July Symposium Day 4 - evening Conference Dinner
- 15th July Symposium Day 5 - evening Closing Drinks Reception
- 16th July Workshops

Optional post-conference excursion (1 week) to NW Highlands & Moine Thrust

Abstract Submission and Registration will open in July 2010

Visit www.isaes2011.org.uk for more details and updates

