

**AGENDA FOR 7<sup>th</sup> ANTARCTIC FUNDING INITIATIVE WORKSHOP**  
**Buckingham House, New Hall, Cambridge, on Monday 15<sup>th</sup> - Tuesday 16<sup>th</sup> September 2008**

[NB. This listing gives the names of presenters of the oral presentations - not necessarily the Principal Investigators]

**Monday 15<sup>th</sup> September**

**12:00 to 13:40 REGISTRATION AND BUFFET LUNCH**

**13:40 to 13:55 Welcome and opening address**

Professor Jane Francis (University of Leeds, Earth & Environment), Chair of AFI Moderating Panel;  
Dr Alan Rodger (Head of Science Programmes, BAS)

**13:55 to 14:00 Agenda and arrangements:** Dr Martin Miller (AFI Coordinator, BAS)

**14:00 to 15:40 AFI projects that commenced fieldwork in 2007/08**

*(20 minutes per presentation, including time for discussion)*

Dr Andy Smith (BAS) [AFI7/02] – Geophysical reconnaissance of a West Antarctic subglacial lake: The Lake Ellsworth project

Professor Chris Hawkesworth (University of Bristol) [AFI7/03] – The age structure, origins and evolution of the Antarctic continent: new insights from zircons

Professor David Hopkins (University of Stirling) [AFI7/05] – Microbial diversity in Antarctic soils

Dr Ted Gaten (University of Leicester) [AFI7/06] – Gene function in Antarctic krill: determining the role of clock-genes in synchronized behavioural patterns

Dr Matt King (Newcastle University) [AFI7/22] – Improved tide modelling for the Filchner-Ronne and Larsen C ice shelves through GPS data assimilation

**15:40 to 16:20 Tea and Posters**

**16:20 to 18:25 Reports from earlier (pre-Round 7) AFI projects which are still in receipt of funding**

*(25 minutes per presentation, including time for discussion)*

Dr Rob Larter (BAS) [AFI6/14] – Sediment transfer from the Antarctic continent to deep ocean – New insights into sedimentary processes on the continental slope and rise from the *ISIS* Remotely Operated Vehicle

Dr Mike Meredith (BAS) [AFI6/16] – Gene flow in Antarctic fishes: the role of oceanography and life history

Dr Abigail Nye (UEA) [AFI6/25] – ADELIE Antarctic Drifter Experiment: Links to Isobaths and Ecosystems

Professor Jane Francis (University of Leeds) [AFI6/28] – Ice in a greenhouse world: Terminal Cretaceous climate change and biotic response in Antarctica

Professor Simon Kelley (Open University) [AFI5/25] – Geochronology of the mid-Cretaceous Palmer Land event and accretion of Alexander Island terranes

**19:30 for 19:45 Workshop Dinner** for those who have registered for it.

(New Hall bar will be open from 18:30hr)

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## Tuesday 16<sup>th</sup> September

**9:15 to 10:05 Reports from pre-Round 7 AFI projects which are still in receipt of funding (*continued*)**  
(25 minute per presentation, including time for discussion)

Dr Katrin Schmidt (BAS) [AFI5/09] – Winter feeding behaviour of Antarctic krill, *Euphausia superba*

Dr Andy Smith (BAS) [AFI1/05] – Ice flow, basal conditions and climate history of Rutford Ice Stream, the RABID project

**10:05 to 10:35 CGS Projects, 2007/2008 Field Season**  
(15 minutes per presentation, including 5 minutes for discussion)

Ewan Wakefield (BAS & University of St Andrews) [CGS8/30] – Improving habitat preference models with information on the mechanisms of individual flight

Dr Andy Hodson (University of Sheffield) [CGS8/31] – Biogeochemistry of the Mars Oasis ecosystem

**10:35 to 11:15 Coffee and Posters**

**11:15 to 12:15 CGS Projects, 2007/2008 Field Season (*continued*)**

Paul Carter (University of Bristol) [CGS9/32] – Neodymium isotopes in Southern Ocean water masses and deep-water sediments

Dr Adrian Glover (Natural History Museum, London) [CGS9/33] – Biodiversity and evolutionary origin of Antarctic polychaetes

Maria Nielsdottir (University of Southampton) [CGS9/34] – Iron availability and effects on phytoplankton communities in contrasting production regimes of the Scotia Sea

Elizabeth Jones (UEA) [CGS9/39] – Seasonal variations in oceanic carbon dioxide in the Atlantic Southern Ocean

**12:15 to 12:45 International Polar Year 2007-2008 – a progress report**  
Dr David Carlson (Director, IPY International Programme Office)

**12:45 to 13:00 General Discussion and Concluding Remarks**

**13:00 to 14:15 Lunch**

**14:15 Close of Workshop**

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