

AGENDA FOR 6th ANTARCTIC FUNDING INITIATIVE WORKSHOP
Buckingham House, New Hall, Cambridge, on Wednesday 19th - Thursday 20th September 2007

[NB. This listing gives the name of the presenter(s) for the respective talk – not necessarily the project PI]

Wednesday 19th September

12:00-13:30 REGISTRATION AND BUFFET LUNCH

13:30 Welcome: Professor Jane Francis (University of Leeds, Earth Sciences), Chair of AFI Moderating Panel;
Professor Andrew Clarke (Senior Research Ecologist, BAS)

13:45 Agenda and Arrangements: Dr Martin Miller (AFI Coordinator, BAS)

13:50 to 14:50 AFI projects that commenced fieldwork in 2006/07
(20 minutes per presentation, including time for discussion)

Professor Julian Dowdeswell (SPRI) [AFI6/14]

Sediment transfer from Antarctica to the deep ocean – first investigation using the ISIS remotely operated vehicle

Professor Karen Heywood (UEA) [AFI6/25]

The Antarctic slope front: What happens to it at the tip of the Antarctic Peninsula?

Dr Katrin Schmidt (BAS) [AFI5/09]

Copepods, protozoans and the benthos as food sources for Antarctic krill

14:50 to 15:30 Other AFI projects which conducted fieldwork during 2006/07
(20 minutes per presentation, including time for discussion)

Dr Jenny Rock (University of Wales, Bangor) and Dr Emma Young (BAS) [AFI6/16] –
Merging molecular and oceanographic processes in the Scotia Sea and beyond

Kate Hendry (University of Oxford) [AFI4/02]

Behaviour of stable isotopes and trace elements: Reconstructing the Antarctic sea-ice environment

15:30 to 16:10 Tea and Posters

16:10 to 16:50 Other AFI projects which conducted fieldwork during 2006/07 (continued)
(20 minutes per presentation, including time for discussion)

Professor Tim Jickells (UEA) [AFI4/13]

Biogeochemical flux study, Marguerite Bay, Antarctic Peninsula

Dr Rob Arthern (BAS) [AFI4/16]

Measuring changes in the size of the Antarctic Peninsula ice sheet

16:50 to 18:30 Reports from pre-2006/07 season AFI projects which are still in receipt of funding
(25 minute per presentation, including time for discussion)

Professor Jane Francis (University of Leeds) [AFI6/28]

Terminal Cretaceous climate change and biotic response in Antarctica

Dr Mike Bentley (University of Durham) [AFI5/03]

Glacial history of the Ellsworth Mountains, Weddell Sea embayment, West Antarctica

Professor Simon Kelley (Open University) [AFI5/25]

Accretionary units and events on Alexander Island, Antarctic Peninsula

Dr Alex Kabat (University of Birmingham) [AFI5/39]

The metabolic costs of terrestrial locomotion in two closely related species of albatrosses and its relationship to nest site

19:15 for 19:30 Workshop Dinner for those who have registered for it

New Hall bar will be open from 18:30hr

Thursday 20th September

- 9:00 to 9:50** **Reports from pre-2006/07 season projects which are still in receipt of funding (*continued*)**
(25 minute per presentation, including time for discussion)
Professor Davey Jones (University of Wales, Bangor) [AFI5/32]
 Developing the DON paradigm: The role of high molecular weight proteins and peptides
 and microbial nutrition in Antarctic soils
Dr Jan Strugnell (Queens University Belfast) [AFI6/33]
 Did Antarctic octopuses colonise the deep sea?
- 9:50 to 10:15** **Report from a completed AFI Round 5 project, with new results**
(25 minutes, including time for discussion)
Dr Claire Hughes (UEA) [AFI5/01]
 Seasonal cycle of volatile bromocarbon compounds in Marguerite Bay on the Antarctic
 Peninsula: Implications for sea-to-air bromine fluxes
- 10:15 to 10:30** **Data archiving and data management arrangements for AFI-funded projects**
Rebecca Griffiths (BAS)
- 10:30 to 11:10** **Coffee and Posters**
- 11:10 to 12:25** **CGS Projects, 2006/2007 Field Season (*continued*)**
(15 minutes per presentation, including 5 minutes for discussion)
Emma Fiedler (UEA) [CGS7/25]
 Sensible heat flux over the Ronne polynya, Antarctica: Comparison of model with
 fieldwork data
Dr Roger Worland (BAS) [CGS7/26]
 Physiological ice relations of the Antarctic limpet *Nacella concinna*
Maria Nielsdóttir (National Oceanography Centre) [CGS8/27]
 Iron availability and effects on phytoplankton communities in contrasting production
 regimes of the Scotia Sea
Elizabeth Jones (UEA) [CGS8/28]
 The marine carbon cycle in contrasting production regimes of the Atlantic sector of the
 Southern Ocean
Karel Castro Morales (UEA) [CGS8/29]
 Marine productivity from dissolved gas measurements in the Southern Ocean
- 12:25 to 12:55** **International Polar Year 2007-2008 – a progress report**
Dr David Carlson (Director, IPY International Programme Office)
- 12:55 to 13:10** **General Discussion and Concluding Remarks**
- 13:10 to 14:30** **Lunch**
- 14:30** **Close of Workshop**
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