

**DRAFT AGENDA FOR 10<sup>th</sup> ANTARCTIC FUNDING INITIATIVE WORKSHOP, 2011**  
**Buckingham House, Murray Edwards College, Cambridge, Monday 12<sup>th</sup> - Tuesday 13<sup>th</sup> September**

[Note that the respective speakers are not necessarily the Principal Investigators of the projects being discussed]

**Monday 12<sup>th</sup> September**

**12:00 to 13:55 REGISTRATION (from 12:00) AND BUFFET LUNCH (from 12:30)**

**13:55 to 14:10 Welcome and opening address**

Professor Jane Francis (University of Leeds), Chair of AFI;

Professor Eric Wolff FRS, Science Leader, Chemistry and Past Climate Programme at the British Antarctic Survey

**14:10 to 14:15 Agenda and arrangements:**

Dr Martin Miller, NERC Antarctic Funding Coordinator, based at the British Antarctic Survey

**14:15 to 15:30 Reports from AFI-funded projects which commenced fieldwork during the 2010/11 season**  
*(15 minutes per presentation, including time for discussion)*

Professor Neil Glasser (Aberystwyth University) [AFI9/01]

Glacial history of the NE Antarctic Peninsula region over centennial to millennial timescales

Dr Angus Atkinson (BAS) and Dr Christian Schlosser (NOC) [AFI9/07]

The role of krill grazing in Southern Ocean nutrient cycles: Progress report

Dr Tom Lachlan-Cope (BAS) [AFI10/04]

Orographic flows and the climate of the Antarctic Peninsula (OFCAP)

Marius Arthun (BAS) [AFI10/05]

Ocean processes over the Weddell Sea shelf, using seal tags

Dr Neil Ross (University of Edinburgh) [AFI10/18]

Basal boundary conditions of the Institute and Möller ice streams, Antarctica

**15:30 to 17:00 Reports from AFI projects which resumed fieldwork during the 2010/11 season**  
*(25 minutes per presentation, including time for discussion)*

Dr Matt King (Newcastle University) [AFI9/10]

Improved models of West Antarctic glacial isostatic adjustment through new crustal motion data

**(15:55 to 16:35 Tea and Posters)**

Joe Kinrade (University of Bath) [AFI9/18]

Antarctic ionospheric observations from remote GPS

**17:00 to 17:30 CGS projects supported during the 2010/2011 Field Season**  
*(15 minutes per presentation, including time for discussion)*

Dr Geraint Tarling (BAS) [CGS-61]

Physiological and behavioural responses of krill to distributional shifts and thermal change

Dr Matt King (Newcastle University) [CGS-62]

Co-location survey of Rothera's geodetic monuments, with application to the terrestrial reference frame

**17:30 to 17:55** Mike Dinn (Operations Manager, BAS)  
An overview of BAS logistic capability

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

(Murray Edwards College bar will be open from 18:00 hr)

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## Tuesday 13<sup>th</sup> September

**9:15 to 11:40** **CGS projects supported during the 2010/2011 Field Season** (*continued*)  
(15 minutes per presentation, including time for discussion)

Dr Richard Phillips (BAS) [CGS-63]

Foraging ecology and distribution of the Antarctic small petrel community

Jenny Gales (BAS) [CGS-64]

Geomorphic signature of cold, dense water overflow across the Antarctic continental shelf edge

Jozef Nissimov (Plymouth Marine Laboratory) [CGS-66]

The genetic diversity of coccolithoviruses and their biogeography

Dr Simon Creer (Bangor University) [CGS-67]

Understanding the evolutionary and ecological mechanisms underpinning bipolar distributions in the microbial biosphere

Julia Kleinteich (University of Konstanz) [CGS-70]

Common patterns in Antarctic microbial biodiversity and vulnerability to environmental change –

Investigations of terrestrial cyanobacterial mats and the diversity of seaweeds and associated pathogens

**(10:30 to 11:10 Coffee and Posters)**

Sim Tang (Centre for Ecology & Hydrology, Edinburgh) [CGS-68]

Bird Island seabird emissions: Quantifying ammonia emissions from Bird Island seabird colonies and assessing the impact on the ecosystem nitrogen and local greenhouse gas emissions

Dr Christine Braban (Centre for Ecology & Hydrology, Edinburgh) [CGS-69]

Bird Island seabird emissions: The composition of particulate matter in the marine atmosphere

**11:40 to 11:55** **Reports from AFI-funded projects which commenced fieldwork during the 2010/11 season** (*continued*)

(15 minutes, including time for discussion)

Professor Karen Heywood (UEA) [AFI11/06]

Gliders: Excellent new tools for observing the ocean (GENTOO)

**11:55 to 12:20** **Report from an AFI project which has completed fieldwork but is still in receipt of funding** (*25 minutes, including time for discussion*)

Dr Peter Brown (University of East Anglia) [AFI8/14]

Antarctic deep water rates of export (ANDREX)

**12:20 to 12:45** **Since AFI Round 11: NERC funding opportunities for Antarctic field-based projects**

Dr Ned Garnett and Michelle Truman (NERC Swindon Office)

**12:45 to 14:30** **Lunch**

**14:30** **Close of Workshop**

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