

**AGENDA FOR 8<sup>th</sup> ANTARCTIC FUNDING INITIATIVE WORKSHOP, 2009**  
**Buckingham House, Murray Edwards College, Cambridge, Monday 21<sup>st</sup> - Tuesday 22<sup>nd</sup> September**

[Presenters of oral presentations are not necessarily the respective Principal Investigators]

**Monday 21<sup>st</sup> September**

**12:00 to 13:55 REGISTRATION AND BUFFET LUNCH**

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

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

Professor Alan Rodger (Head of Science Strategy, BAS)

**14:10 to 14:15 Agenda and arrangements:** Dr Martin Miller (AFI Coordinator, BAS)

**14:15 to 15:30 Reports from AFI projects (Round 8) that commenced fieldwork during the 2008/09 season**

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

Dr Daniela Jansen (Swansea University) [AFI8/05] – Present and future stability of the Larsen C Ice Shelf (SOLIS)

Dr Paul Hill (Bangor University) [AFI8/08] – Challenging the paradigm for plant-microbial resource partitioning in Antarctic ecosystems

Dr Luic Jullion (National Oceanography Centre, Southampton) [AFI8/14] – Antarctic deep water rates of export (ANDREX)

Dr Claire Hughes (University of East Anglia) [AFI8/22] – The production of ozone depleting bromocarbon gases in near-shore Antarctic waters

Dr Noel Gourmelen (University of Leeds) [AFI8/25] – Isolating the Larsen-C ice shelf mass instability

**15:30 to 16:10 Tea and Posters**

**16:10 to 17:00 Reports from AFI projects which resumed fieldwork during the 2008/09 season**

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

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

Dr Keith Nicholls (British Antarctic Survey) [AFI7/22] – Tidal dynamics of the Filchner-Ronne and Larsen C ice shelves, Antarctica

**17:00 to 17:50 Reports from AFI projects which completed fieldwork before the 2008/09 season but which are still in receipt of funding**

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

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

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

**17:50 to 18:20 CGS Projects, 2008/2009 Field Season**

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

Dr Richard Philips (BAS) [CGS9/43] – Insights into migratory and reproductive success in albatrosses, penguins and petrels breeding at Bird Island, South Georgia

Christian Haselwimmer (BAS/Imperial College) [CGS10/45] – Field spectroscopy on Adelaide Island in support of lithologic and vegetation remote sensing on the Antarctic Peninsula

**18:20 to 18:30 Publicising AFI science – guidelines from the BAS Press, Public Relations & Education team**

Linda Capper and Athena Dinar

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

(Murray Edwards college bar will be open from 18:30hr)

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**Tuesday 22<sup>nd</sup> September**

- 9:15 to 10:30**    **CGS Projects, 2008/2009 Field Season** (*continued*)  
(15 minutes per presentation, including time for discussion)  
Dr Brian Davison (Lancaster University) [CGS10/47] – New particles and aerosol in the sea ice zone  
Dr Sebastian Steigenberger (National Oceanography Centre, Southampton) [CGS10/48] – Iron availability and effects on phytoplankton communities in contrasting production regimes of the Scotia Sea: a seasonal perspective  
Rebecca Rixon (University of Exeter) [CGS10/49] – Investigating the deglacial history of the eastern Antarctic Peninsula using terrestrial cosmogenic nuclide isotope analysis and geomorphological mapping  
Amber Annett and Sian Henley (University of Edinburgh) [CGS10/50] – Linking sea ice variability with diatom assemblage changes and nutrient dynamics in the Antarctic sea-ice environment: A collaborative study with RaTS LTMS programme  
Dr Ruth Hicks (Cefas, Weymouth Laboratory) [CGS10/51] – Diseases of krill in the Southern Ocean: effects on standing stock and implications of changing climates
- 10:30 to 11:10**    **Coffee and Posters**
- 11:10 to 11:25**    **CGS Projects, 2008/2009 Field Season** (*continued*)  
Dr Mike Zubkov (National Oceanography Centre, Southampton) [CGS10/52] – Do mixotrophic protists control oligotrophic, but nutrient rich, ecosystems of the Antarctic ocean?
- 11:25 to 11:40**    **Reports from AFI projects (Round 8) that commenced fieldwork in 2008/09** (*continued*)  
Dr Cédric Chavanne (University of East Anglia) [AFI8/17] – SASSI UK: Synoptic Antarctic shelf slope interactions study
- 11:40 to 12:05**    **Reports from AFI projects which resumed fieldwork during the 2008/09 season** (*continued*)  
Dr Neil Ross (University of Edinburgh) [AFI7/02] – Geophysical exploration of a West Antarctic lake
- 12:05 to 12:55**    **Reports from AFI projects which completed fieldwork before 2008/09 but which are still in receipt of funding** (*continued*)  
(25 minutes per presentation, including time for discussion)  
Dr Emma Young (BAS) [AFI6/16] – Gene flow in Antarctic fishes: the role of oceanography and life history  
Professor Karen Heywood (University of East Anglia) [AFI6/25] – ADELIE Antarctic Drifter Experiment: Links to Isobaths and Ecosystems
- 12:55 to 13:00**    **Concluding Remarks**
- 13:00 to 14:15**    **Lunch**
- 14:15**                **Close of Workshop**
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