

**Annual Antarctic Conference 2003**  
**Tuesday 22<sup>nd</sup> to Thursday 24<sup>th</sup> April**  
**Castle Lecture Theatre Complex, University of Otago**

**Day 1      Tuesday 22<sup>nd</sup> April**

12.30-1.00	Registration	
1.00-1.45	Presentation on the Antarctic Science System	Dean Peterson
	A presentation on the current New Zealand Antarctic science system and a model for the future will be given. The new Antarctic and Southern Ocean science strategy document will be discussed in the context of the new model.	
1:45-2:00	Workshop Structure and Expectations	Dean Peterson
	A short description of how the workshop will be run and how the outcomes from the workshop will be integrated into the science strategy document.	
2.00-3.00	Breakout session – Research Themes	Groups
	Breakout sessions for each research theme to focus on key questions. The three research themes are: 1.      Ross Sea marine research 2.      Global processes and response research 3.      Unique ecosystems research	
3.00-3.30	Afternoon tea	
3.30-4.45	Presentations from Groups and Discussion	Groups
	Each group will be asked to give a short presentation on their key questions. A discussion around the presentations and direction of the strategy will follow the presentations.	
4:45-5.00	Conclusion and Actions	Dean Peterson
	A short wrap-up of the afternoon's events and the formation of a list of actions needed before the next Antarctic support bidding round in October 2003.	
5.00-6.30	Poster session accompanied by cheese and wine Icebreaker	

**Day 2      Wednesday 23<sup>rd</sup> April**

8.30-9.00	Registration	With tea and coffee
9.00-9.10	<i>Welcome</i> <b>Dean Peterson</b>	Antarctica New Zealand
9.10-9.30	<i>Opening Guest Speaker</i> <b>Eion Edgar</b>	Otago University Chancellor
9.30-9.50	<i>Our New Zealand Antarctic programme: key issues for Antarctica New Zealand</i> <b>Lou Sanson</b>	Antarctica New Zealand
9.50-10.10	<i>2002/2003 Season Review</i> <b>Julian Tangaere</b>	Antarctica New Zealand
10.10-10.30	<i>Perceptions of Antarctic tourism: a question of tolerance</i> <b>Gary Steel</b>	Lincoln University
10.30-11.00	Morning tea	
11.00-11.20	<i>Antarctica New Zealand's Art, Education and Media Programmes</i> <b>Natalie Cadenhead</b>	Antarctica New Zealand
11.20-11.40	<i>Frocks about science</i> <b>Fieke Neuman</b> Antarctic Arts Fellow	Fashion Designer
11.40-12.00	<i>Sounds like science: a radio journalist on ice</i> <b>Dean Williams</b> Media Initiatives Programme	Radio New Zealand
12.00-12.20	<i>An education initiative on the Ice</i> <b>Jane Abbiss and Murray Fastier</b> Education Initiatives Programme	Christchurch College of Education
12.20-12.40	<i>Ice TV – Telling Antarctic stories to the World</i> <b>Jeanie Ackley</b>	Natural History New Zealand
12.40-1.30	Lunch	
1.30-1.50	<i>A soil-climate monitoring network in the Ross Sea region of Antarctica</i> <b>Megan Balks</b>	University of Waikato
1.50-2.10	<i>Influence of moisture on rock weathering in Antarctica</i> <b>Christine Elliott</b> New Zealand Post Postgraduate Research Scholar	University of Canterbury
2.10-2.30	<i>The McMurdo Dry Valleys: why we keep going back</i> <b>Warren Dickinson</b>	Victoria University of Wellington
2.30-2.50	<i>Behaviour of subglacial sediment and basal ice in a cold glacier</i> <b>Sean Fitzsimons</b>	University of Otago
2.50- 3.10	<i>Summertime wind field characteristics of the Victoria Valley, Antarctica</i> <b>Jordy Hendrikx</b>	University of Canterbury

3.10-3.40	Afternoon tea
3.40-4.00	<i>Measurement of convection in artificial refreezing cracks in sea ice</i> <b>Chris Petrich</b> University of Otago
4.00-4.20	<i>Do microbial mats matter in McMurdo Dry Valley Lakes?</i> <b>Ian Hawes</b> NIWA
4.20-4.40	<i>K024: Biodiversity and performance of lichens and mosses</i> <b>Allan Green</b> University of Waikato
4.40-5.00	<i>The Antarctic nemertean <i>Parborlasia corrugatus</i>: an example of an extreme oxyconformer</i> <b>Bill Davison</b> University of Canterbury
5.00	Close
6.30-7.30	Pre-dinner drinks for dinner registrants courtesy of Natural History New Zealand Otago Museum's Southern Land Southern People Gallery
7.30-10.30	Dinner Otago Museum Atrium

**Day 3      Thursday 24<sup>th</sup> April**

8.30-9.00	Tea and coffee	
9.00-9.20	<i>Management and science in the Ross Sea exploratory toothfish fishery</i> <b>Alex Edgar</b>	Ministry of Fisheries
9.20-9.40	<i>Genetic diversity and stock structure in the toothfish <i>Dissostichus eleginoides</i> in the Southern Ocean</i> <b>Peter Smith</b>	NIWA
9.40-10.00	<i>Human impacts and the microbial ecology of Antarctic sponges</i> <b>Nicole Webster</b>	University of Canterbury/Australian Institute of Marine Science
10.00-10.20	<i>Spatial variability in nucleic acid ratios of Antarctic soft-sediment bivalves</i> <b>Joanna Norkko</b> Kelly Tarlton's Postgraduate Research Scholar	NIWA/University of Auckland
10.20-10.40	<i>K018: Whose larvae is that?: molecular identification of planktonic organisms from the Ross Sea</i> <b>Mary Sewell</b>	University of Auckland
10.40-11.00	Morning tea	
11.00-11.20	<i>Fault studies at the Mackay and Ferrar glaciers</i> <b>Jane Forsyth</b>	GNS
11.20-11.40	<i>Within-vent processes of explosive basaltic eruptions in the Ferrar Group, South Victoria Land</i> <b>Pierre-Simon Ross</b> Sir Robin Irvine Postgraduate Research Scholar	University of Otago
11.40-12.00	<i>Subduction-related Ross Magmatism in the Carlyon Glacier region, southern Victoria Land, Antarctica</i> <b>John Cottle</b>	University of Otago
12.00-12.20	<i>Ocean currents under the McMurdo/Ross Ice Shelf</i> <b>Natalie Robinson</b>	Victoria University of Wellington
12.20-12.40	<i>K114 2002/03 Season - Results of geophysical and site surveys in support of ANDRILL drilling targets beneath the McMurdo and southern McMurdo ice shelves</i> <b>Gary Wilson</b>	University of Otago
12.40-1.30	Lunch	

**1.30-3.00 ANDRILL 'Town Meeting'**

Gary Wilson will present and discuss the current status of the international portfolio, the level of funding and the timeframe of planned activities included in the ANDRILL McMurdo Sound Portfolio.

This meeting concludes at 3pm.

**3.00-3.30 Afternoon tea**

**OR**

**1.30-5.00 LGP/BioRoss Workshop**

1.30 – 1.45	<i>LGP Overview</i> <b>Shulamit Gordon</b>	Antarctica New Zealand
1.45 – 2.00	<i>BioRoss: looking to the future</i> <b>Jacqui Burgess</b>	Ministry of Fisheries
2.00 – 2.20	<i>Overview of the McMurdo Dry Valleys Long Term Ecological Research Program</i> <b>Berry Lyons</b>	Byrd Polar Research Centre
2.20 – 2.40	<i>RISCCY business: the biodiversity Database</i> <b>Lee Belbin</b>	Australian Antarctic Division
2.40-3.15	Short overviews by current LGP participants	
3.15-3.30	Afternoon tea	
3.30-4.30	Breakout session – Discussion of Key Baseline Data	Groups
	Breakout sessions: 1. Marine 2. Terrestrial	
4.30-5.00	Presentation by groups and wrap up	
5.00	Close	