

Snow and Ice Research Group Meeting 2016. Arrowtown.

Tuesday		
Midday (TBA)		Meet at Arrowtown (details to follow)
		Trip up to Remarkables Ski area and Lake Alta.
~18:00		Dinner (prep, consumption, clean up)
		Introductions: Meeting goals etc

Times not fixed hard			Wednesday
	Name	Affiliation	
9:00	Pat Langhorne	University of Otago	Sea ice, ice shelves and the ocean
9:15	Nathaniel Parsons	University of Otago	Moving towards tomography of sea ice with CT and ultrasound
9:30	Alena Malyarenko	University of Otago/ NIWA	Ocean variability in the southwest Ross Sea.
9:45	Jacob Buffo	Georgia Tech	The effects of parameterized platelet accretion on a thermohaline multiphase physics model of floating ice
10:00	Pat Wongpan	University of Otago	Temperature Fluctuations in Antarctic Land-fast Sea Ice
10:15			Coffee
10:30			
10:45	Todd Redpath	University of Otago	
11:00	Simon Morris	Porters Ski Area	RTK GPS Snow Mapping of an Avalanche Starting zone
11:15	Alia Khan	University of Colorado - Boulder	Impacts of coal dust from an active mine on the spectral reflectance of Arctic surface snow in Svalbard, Norway
11:30	Merijn Thornton	Antarctic Research Centre	Surface elevation change of a small maritime glacier 1970—2015. Brewster Glacier, New Zealand
11:45	Lauren Vargo	Victoria University of Wellington	Using structure from motion to reconstruct changes in New Zealand Glaciers
12:00	Tim Kerr	Aqualinc Research Ltd	NZ snow research since 2003
12:15			Lunch
12:30			
12:45			
13:00			
13:15	Dave Prior	University of Otago	Scaling of laboratory experiments to understand ice flow.
13:30	Harriet Love	University of Otago	New grain growth experiments from Neutron beam measurements
13:45	Mathilde Banjan	Université de Nice	Characterising anisotropy in Antarctic ice
14:00	Yourane Ung	University of Otago	Ultrasonics in Ice
14:15	Meike Seidemann	University of Otago	A microstructural outlook on ice deformation: investigating the creep of ice in the laboratory
14:30	Matt Vaughan	University of Otago	Microstructural evidence for non- basal slip in high temperature ice experiments
14:45			Tea
15:00			
15:15	Christian Wild	Gateway Antarctica, University of Ca	
15:30	Lauren Tooley	University of Otago	Coupling numerical modelling and laboratory creep experiments in ice

15:45	Lisa Crow	University of Otago	Constriction in ice: an Antarctic perspective
16:00	Andrew Pauling	University of Otago	Sensitivity experiments with freshwater forcing around Antarctica in an Earth System Model
			Discussion Session
~18:00			Dinner (prep, consumption, clean up)
			Discussion Session

			Thursday
9:00	Wolfgang Rack	University of Canterbury	Overview over new satellite data for glaciological research.
9:15	Michelle Ryan	Gateway Antarctica, University of Ca	Radar characteristics of the Ross Ice Shelf
9:30	Marcus Arnold	Gateway Antarctica, University of Ca	Surface Mass Balance on the Ross Ice Shelf – Stable isotope and GPR analysis
9:45	Damian Peyroux	University of Otago	Sampling resolution for regelation identification
10:00	Oliver Marsh	Gateway Antarctica, University of Ca	Grounding zone variability around the Ross Ice Shelf
10:15			
10:30			Coffee
10:45	Brian Anderson	Victoria University of Wellington	Glacier recession causes rainfall-modulated hillslope failure
11:00	Trevor Chinn	Lake Hawea LGM	Glacial lakes. The jump that follows a tipping point.
11:15	Kat Lilly	University of Otago	Timescales of glacial and periglacial processes on the Old Woman Range, Otago, NZ.
11:30	Heather Purdie	University of Canterbury	Rolleston Glacier Mass Balance Programme
11:45	Pascal Sirguy	University of Otago	Estimating snowmelt contribution in the Upper Athabasca catchment, Canada, with MODIS
12:00	Jono Conway	Bodeker Scientific	Snow and Ice within the Centre for Space Science Technology (CSST) – a Regional Research Institute Initiative
12:15			
12:30			
12:45			
13:00			
13:15			Lunch, clean up and conference close