Ice at the Interface

Atmosphere-Ice-Ocean Boundary Layer Processes and Their Role in Polar Change

June 25-27, 2012 • Boulder, Colorado USA

	Agenda	Discussion Leaders
	25 June 2012	
8:30	Welcome: Logistics, Self-introductions, Goals	Walt Meier Elizabeth Hunke
9:00	Discussion: What is the Atmosphere-Ice-Ocean Boundary Layer?	Jim Overland
9:30	Biogeochemistry: Impacts of Ocean Heat Flux, Surface Flooding, and Fluid Transport in Sea Ice	Steve Ackley
10:15	..... *Break*	
10:45	State of the Art in GCMs: the Ice-Ocean Interface	Elizabeth Hunke
11:15	Theoretical Overview: Ice in the Ocean	Miles McPhee
12:00	..... *Lunch*	
13:30	Focus Topic: Ice-Ocean Thermodynamic Interface and Small-Scale Issues *Discussion points: Thomas Keitzl, Sylvia Cole*	Adrian Turner
14:45	..... *Break*	
15:15	Focus Topic: Large-Scale Ice and Ocean Dynamics *Discussion points: Wieslaw Maslowski, Julie McClean*	Andrew Roberts
16:30	General Discussion	

Agenda		Discussion Leaders
	26 June 2012	
8:30	Biogeochemical Concerns: Interfacing with the Atmosphere	Scott Elliott
9:15	Focus Topic: Waves	Luke Bennetts
10:15	..... *Break*	
10:45	State of the Art in GCMs: the Atmospheric Interface I	Jen Kay (CESM)
11:15	State of the Art in GCMs: the Atmospheric Interface II	Jeff Ridley (HadGEM)
11:45	..... *Lunch*	
13:15	Focus Topic: Clouds and Radiation	Neil Barton
	Discussion points: Sebastian Gerland, Gijs de Boer, Matthew Shupe	
14:45	..... *Break*	
15:15	Focus Topic: Atmospheric Turbulent Surface Fluxes	Ed Andreas
	Discussion points: Lauren Candlish, Marilyn Raphael	
16:30	General Discussion	

	27 June 2012	
8:30	Focus Topic: Sea Ice Ecosystems and Transport Across the Frozen Interface	Brice Loose
	Discussion points: Clara Deal, Jacqueline Stefels, Steve Ackley	
9:45	..... *Break*	
10:15	Strategizing for the Future: MOSAiC	Matt Shupe
11:00	Strategizing for the Future: Modeling	David Bailey
	Discussion points: Miles McPhee, Jeff Bowman, Gunilla Svensson	
12:00	Final Remarks	Elizabeth Hunke
12:15	..... *Adjourn*	