
Boundary Layer Workshop DRAFT AgendaDiscussion Leaders

25 June 2012

Welcome: logistics, self-introductions, goals

Walt & Elizabeth

Discussion: What is the Atmosphere-Ice-Ocean Boundary Layer?

Jim Overland

Biogeochemistry: Impacts of ocean heat flux, surface flooding,
and fluid transport in sea ice

Steve Ackley

..... *Break*

State of the Art in GCMs: the Ice-Ocean Interface

Elizabeth Hunke

Theoretical Overview: Ice in the Ocean

Miles McPhee

..... *Lunch*

Focus Topic: Ice-Ocean Thermodynamic Interface

Adrian Turner

..... *Break*

Focus Topic: Large-Scale Ice and Ocean Dynamics

Andrew Roberts

26 June 2012

Biogeochemical Concerns: Interfacing with the Atmosphere

Scott Elliott

Focus Topic: Waves

Luke Bennetts

..... *Break*

State of the Art in GCMs: the Atmospheric Interface I

Jen Kay (CESM)

State of the Art in GCMs: the Atmospheric Interface II

Jeff Ridley (HadGEM)

..... *Lunch*

Focus Topic: Clouds and Radiation

Neil Barton

Gijs de Boer

..... *Break*

Focus Topic: Atmospheric Turbulent Surface Fluxes

Ed Andreas

27 June 2012Focus Topic: Sea Ice Ecosystems and Transport Across
the Frozen Interface

Brice Loose

..... *Break*

Strategizing for the Future: MOSAiC

Matt Shupe

Strategizing for the Future: Modeling

David Bailey

Final Remarks

Elizabeth

..... *Adjourn*