

# CESM Ocean Model Working Group Meeting

## 9 – 10 December 2010 – Santa Fe, NM

Webcast Instructions:

**AUDIO:** Dial this access number: 1-866-740-1260 – Enter access code **4971358**

**VIDEO:** Go to [www.readytalk.com](http://www.readytalk.com); under "join a meeting" enter access code **4971358**

### Thursday, 10 December

08:00 – 08:30 *Coffee, pastries*

08:30 – 08:40 [Welcome and Meeting Overview](#)

Co-chairs

#### **CURRENT STATUS OF MODEL DEVELOPMENTS**

08:40 – 09:00 Ocean and Sea-ice Related Activities under CSSEF and CSSEF Status

Phil Jones

09:00 – 09:20 [General Status of MPAS Model Development](#)

Todd Ringler

09:20 – 09:40 [Progress toward Ocean Simulation with MPAS](#)

Mark Petersen

09:40 – 10:00 [Progress on Time Stepping Method in MPAS](#)

Chris Newman

10:00 – 10:20 Discussion on MPAS

10:20 – 10:50 *Break*

10:50 – 11:10 [Update on Diurnal Cycle Parameterization](#)

Bill Large

11:10 – 11:30 [Update on CPT: Interior Mixing](#)

Markus Jochum

11:30 – 11:45 [Update on CPT: Sea-ice Heterogeneity](#)

Gokhan Danabasoglu

11:45 – 11:55 [EaSM Funded Proposals Relevant to the OMWG](#)

Bill Large

11:55 – 12:30 Discussion (New Developments and Future Modeling Activities)

12:30 – 14:00 *Lunch (on your own)*

#### **SCIENCE TALKS**

14:00 – 14:10 [Status of CCSM4 Special Issue Papers and Deadlines](#)

Gokhan Danabasoglu

Peter Gent

14:10 – 14:30 [Kuroshio Pathways in CCSM3](#)

Liz Douglass

14:30 – 14:50 [Tropical Atlantic in CCSM4](#)

Ernesto Munoz

14:50 – 15:10 Aspects of Arctic Ocean Biogeochemistry in CESM1

Matthew Long

15:10 – 15:40 *Break*

#### **HIGH RESOLUTION AND NESTED MODELING**

15:40 – 16:10 [Ongoing Experiments and Analysis of the High Resolution Coupled Simulations](#)

Frank Bryan

16:10 – 16:30 [Upwelling and Regional Response to Embedding ROMS in CCSM3 at an Eastern Boundary](#)

Justin Small

16:30 – 17:00 Discussion (High Resolution and Nested Modeling with CESM)

## Friday, 10 December

08:00 – 08:30 *Coffee, pastries*

08:30 – 08:50 [Ice Age Climate and the Oceanic Pathway between Pacific and Arctic](#)

Aixue Hu

08:50 – 09:10 Mixing in the Equatorial Pacific Thermocline: MIXET

Kelvin Richards

09:10 – 09:30 [An Eddy Closure Based on Potential Vorticity](#)

Peter Gent

Todd Ringler

09:30 – 09:50 [LANL POP-DART Status and a Predictability Study of Regime Transitions](#)

Balu Nadiga

09:50 – 10:30 General Discussion (Future Modeling Activities)

10:30 – 11:00 *Break*

11:00 Adjourn