

CESM Paleoclimate Working Group Session
Tuesday, 29 June 2010
Great Divide Lodge – Centennial Room – Breckenridge, Colorado

Webcast Instructions and Information: <http://www.cesm.ucar.edu/events/webcasts/>

Format: 15 minute talks followed by 5 minutes discussion

- 8:30 a.m. Steve Vavrus – University of Wisconsin
The Role of GCM Topography in Glacial Inception
- 8:50 a.m. Keith Moore – University of California, Irvine
Climate, Air-sea Carbon Fluxes, and Shifts in Snow Cover in a Transient Simulation of the Last Glacial Inception with CCSM4
- 9:10 a.m. Esther Brady – NCAR
Preliminary Results from Water Isotope-enabled CAM3 Simulations for the Last Glaciation
- 9:30 a.m. Bette Otto-Bliesner – NCAR
Simulating and Understanding the Abrupt Transition into the African Humid Period
- 9:50 a.m. Fortunat Joos – University of Bern
Carbon Cycle Response to a Collapse of the North Atlantic Overturning Circulation
- 10:10 a.m. Yafang Zhong – University of Colorado
Centennial-scale Climate Change from Decadally-paced Explosive Volcanism: A Coupled Sea-ice / Ocean Mechanism
- 10:30 a.m. Break*
- 11:00 a.m. Christine Shields – NCAR
The CCSM4 Low Resolution Model
- 11:25 a.m. Laura Landrum – NCAR
CCSM Last Millennium Simulation
- 11:50 a.m. Discussion
- 12:00 p.m. Adjourn