

**Joint CESM Climate Variability and Change Working Group
CESM Paleoclimate Working Group Meeting
10 March 2014
National Center for Atmospheric Research – Boulder, Colorado
Mesa Lab – Fleischmann Building – Walter Orr Roberts Board Room**

Walter Orr Roberts Board Room location: This conference room is located in the Fleischmann Building, which is the small, pink building across from the Mesa Lab parking lot. Please follow the sign to the Board Room that is near the sidewalk.

Webcast Instructions:

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

VIDEO: Go to www.readytalk.com; under "join a meeting" enter access code **4971358**

- 8:30 *Coffee*
- 8:55 Co-chairs – Welcome
- 9:00 Jesse Nusbaumer and Esther Brady – Water isotopes in CESM
- 9:20 Alex Jahn – Carbon isotopes in CESM
- 9:40 De-Zheng Sun – Rectification of El Niño-Southern Oscillation as a possible cause of Tropical Pacific decadal variability
- 10:00 Antonietta Capotondi – ENSO interdecadal modulation in CCSM4: A linear inverse modeling perspective
- 10:20 *Break*
- 10:40 Grant Branstator – Contrasting the midlatitude response to steady and fluctuating tropical heat sources
- 11:00 Amy Butler – Separating the stratospheric and tropospheric pathways of El Niño-Southern Oscillation teleconnections
- 11:20 Pedro DiNezio – Climate impacts of 2-year La Nina events over North America
- 11:40 Sally Langford – The role of soil water and land feedbacks in decadal drought in western North America
- 12:00 Corinne Wong – Are past warm intervals in the western U.S. associated with drier conditions? A paleo model-data comparison
- 12:20 *Working Lunch to discuss future plans (ML Cafeteria – complimentary for registered participants)*
- 1:20 Angie Pendergrass – Changes in the distribution of rain frequency and intensity in response to warming
- 1:40 Libby Barnes – Seasonal response of the jet-stream to tropospheric warming
- 2:00 Judith Perlwitz – Why has the Arctic warmed?
- 2:20 Lantao Sun – On the atmospheric response to Arctic sea ice loss
- 2:40 Dave Thompson – Periodicity in the large-scale extratropical circulation
- 3:00 *Break*
- 3:20 Dima Smirnov – The atmospheric response to a shift in the Oyashio in CAM5: The impact of horizontal resolution
- 3:40 Mei Wei – Forced and internal variability of tropical cyclone track density in the western North Pacific
- 4:00 Adam Phillips – A new Climate Variability Diagnostics Package with application to CESM and CMIP5
- 4:20 Clara Deser – The CESM Large Ensemble
- 4:35 Bette Otto-Bliesner – The CESM Last Millennium Project
- 4:50 *Adjourn*