

CESM PaleoClimate Working Group Meeting
9 February 2016
National Center for Atmospheric Research –Mesa Lab
Boulder, Colorado

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code **4971624**
VIDEO: Go to www.readytalk.com; under “join a meeting” enter access code **4971624**

TUESDAY, 9 February – Chapman Room

8:30	<i>Coffee</i>	
9:00	The cause of late Cretaceous cooling: A multi-model / proxy comparison	Clay Tabor
9:15	Intensification of tropical circulation and tectonic extension recorded by Neogene Terrestrial $\delta^{18}\text{O}$ records of the western U.S.	Ran Feng
9:30	Sensitivity of tropical climate variability in CESM1 to uncertainty in climate forcings of the late Pliocene	Esther Brady
9:45	Constraint on the penultimate glaciation ice sheet topography: The last two glaciations as simulated by CCSM4	Florence Colleoni
10:00	Response of the North Atlantic atmospheric circulation to increasing LGM ice-sheet elevation	Marcus Lofverstrom
10:15	Detection and attribution approach to analyzing forcing components of late Quaternary climate variability	Charles Jackson
10:30	<i>Continental Breakfast</i>	
11:00	Sensitivity of Last Millennium climate to low- and medium-amplitude solar variability	Bob Tomas
11:15	Investigating the Tropical and South Atlantic variability during the Last Millennium	Ilana Wainer
11:30	Report on PaleoWG developments and CMIP6 simulations	Bette Otto-Bliesner
11:50	Update and outlook for new computing proposals	Jean-François Lamarque

Joint LIWG / PCWG / PaleoWG Session – DAMON ROOM

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1:00	Ice sheet surface fields in CESM2	Jan Lenaerts
1:20	Upscaling in situ observations to surface mass balance estimates and models of the Greenland Ice Sheet	Mike MacFerrin
1:40	Can we constrain the extent of past and future ice shelves: The basal melting calculation	Florence Colleoni
2:00	Mid-Pliocene inception and growth of the Greenland Ice Sheet in CESM	Marcus Lofverstrom
2:20	Contributions to Pliocene Arctic warmth from aerosol indirect forcing	Ran Feng
2:40	Modelling stable isotope tracers through the Greenland and Laurentide Ice Sheets through the last glacial cycle	Shawn Marshall
3:00	<i>Break</i>	
3:30	Exploring probabilistic cumulative-carbon-based Greenland Ice Sheet stability Threshold estimates	Jeremy Fyke
3:50	Predictability of an ice-free Arctic using the CESM Land Ensemble	Alexandra Jahn
4:10	Estimating the extent of Antarctic summer sea ice during the Heroic Age of Exploration	Jonny Day
4:30	Discussion	
5:00	<i>Adjourn</i>	