

CESM Climate Variability and Change Working Group
2 March 2017
Foothills Laboratory – FL2-1001
National Center for Atmospheric Research – Boulder, Colorado

>>>> *Webcast: www.fin.ucar.edu/it/mms/fl2-live.htm* <<<<

- 8:45 *Coffee*
- 9:00 Assessing internal variability with few ensemble runs Dorit Hammerling
9:20 Observational constraints on the contribution of internal variability to recent climate trends Karen McKinnon
9:40 Towards an improved estimate of ‘time of emergence’ of anthropogenic warming over Northern Hemisphere continents Flavio Lehner
- 10:00 *Continental Breakfast*
- 10:30 Towards an improved climate event attribution framework Laurent Terray
10:50 California’s water cycle extremes in the future Jinho Yoon
11:10 Precipitation variability increases in a warmer climate Angie Pendergrass
11:30 Peak-Structure of extreme precipitation-temperature relationships and its future Changes Kevin Trenberth
- 11:50 *Lunch (on your own)*
- 1:00 Stochastic forcing structures conducive to central and eastern Pacific ENSO characteristics Erin Thomas
1:20 Timescales of tropical Pacific wind variability and their relationship with ENSO Antioietta Capontondi
1:40 Skillful seasonal forecast of the tropical Indo-Pacific SST variability using model-based analogs Hui Ding
2:00 Characterizing Pacific Ocean regime shifts Matt Newman
2:20 AMOC variability and abrupt change in the future Zhengyu Liu
2:40 When lag regressions fail: A tale of two techniques Marie McGraw
- 3:00 *Break*
- 3:20 Model diversity in future predicted Pacific circulation changes Isla Simpson
3:40 Quantifying the seasonal sensitivity of the Northern Hemisphere jet streams to Arctic warming Libby Barnes
4:00 Seasonality of the jet response to Arctic warming Bryn Ronalds
4:20 Robustness of tropical polar teleconnections in a long CESM control run E. Blanchard-Wrigglesworth
4:40 The impact of projected transient Arctic sea ice loss on global climate Lantao Sun
5:00 CVCWG updates and discussion A. Phillips / S. Bates
- 5:30 *Adjourn*
5:45 CU Bus pick-up