CESM Whole Atmosphere Working Group Meeting
28 February 2017
Center Green – South Bay
National Center for Atmospheric Research Boulder, Colorado

Webcast: https://ucarconnect.ucar.edu/live?room=cg12126

TUESDAY, 28 February
8:30 Coffee
9:00 The State of WACCM A. Gettelman / L. Polvani
9:20 Interactive QBO simulations in a warming climate Yaga Richter
9:40 Monsoon circulations and tropical heterogeneous chlorine chemistry in the stratosphere Doug Kinnison
10:00 Continental Breakfast
10:30 Development and validation of WACCM-X thermosphere and ionosphere Hanli Liu
10:50 WACCM-X: Thermosphere-ionosphere coupling at NRL Fabrizio Sassi
11:10 WACCM-X simulations of thermosphere-ionosphere response to anthropogenic climate change Stan Solomon
11:30 SD-WACCM-X simulations of the 2003 Halloween solar storm Chuck Bardeen
11:50 Lunch (on your own)
1:30 Errors in the mesosphere in specified dynamics WACCM Anne Smith
1:50 Conductivity disturbances and their influence on the global electric circuit Greg Lucas
2:10 Effects of the September 2005 solar flares and solar proton events on the middle atmosphere Josh Pettit
2:30 Discussion: Future WACCM plans (Science for WACCM 6 and beyone)
3:00 Adjourn
5:20 CU Bus Pick-up

WEDNESDAY, 1 March

Webcast: https://ucarconnect.ucar.edu/live?room=cg1aud

8:30 Coffee

Joint Session of Atmosphere Model, Chemistry-Cimate and Whole Atmosphere Working Groups
9:00 Summary of the WACCM / CAM / Chemistry modeling suite Simone Tilmes
9:20 CESM2 release of CAM-SE Peter Lauritzen
9:40 Surface drag sensitivities in CESM2 Julio Bacmeister
10:00 Continental Breakfast
10:30 Ice microphysical changes in WACCM and CAM Chuck Bardeen
10:50 Effect of nitrate aerosols on indirect forcing as modeled by CAM in MOSAIC Zheng Lu
11:10 Volcanic forcing in CESM2 Mike Mills
11:30 Discussion
12:00 Adjourn and Lunch (on your own)

1:30 CESM Joint Session (all working groups)
5:00 Working Group Information Exchange
6:20 CU Bus Pick-up