

CESM Whole Atmosphere Working Group Meeting
13 February 2018
Mesa Lab, Damon Room
National Center for Atmospheric Research – Boulder, Colorado

Webcast Instructions:

AUDIO: Dial this access number: 1-866-740-1260 – Enter access code **8531794**

VIDEO: Go to www.readytalk.com; under "join a meeting" enter access code **8531794**

8:00	<i>Coffee</i>	
8:25	Introduction and logistics	Co-chairs
8:30	WACCM6 for CESM2 (and beyond)	Andrew Gettelman
9:00	Development plans for WACCM-X	Stan Solomon
9:15	WACCM-X and the August 21, 2017 Great American Eclipse	Joe McInerney
9:30	Ionosphere simulations with WACCM-X	Jing Liu
9:45	Analysis and hindcast experiments of the 2009 sudden stratospheric warming in WACCMX+DART	Nick Pedatella
10:00	<i>Break</i>	
10:30	Stratospheric evaluation: CESM1(WACCM4) to CESM2 (WACCM6)	Doug Kinnison
10:45	Short-term trends in stratospheric circulation driven by seasonal timing of the quasi-biennial oscillation. Part I	Sasha Glanville
11:00	Short-term trends in stratospheric circulation driven by seasonal timing of the quasi-biennial oscillation. Part II	Jessica Neu
11:15	Stratospheric sulfate geoengineering studies with WACCM	Mike Mills
11:30	Antarctic surface cooling from increased CO2 concentrations?"?"	Lorenzo Polvani
11:45	Soot deposition following the Chicxulub impact: Comparing to data from 66 million years ago	Chuck Bardeen
12:00	<i>Lunch (on your own)</i>	

Joint Session of Atmosphere Model, Chemistry Climate, and Whole Atmosphere Working Groups
Mesa Lab, Main Seminar Room

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

1:00	Assess the effect of Nitrate aerosols on indirect forcing as modeled by CAM with MOSAIC	Zheng Lu
1:20	Impacts of dust emission on the trans-Pacific transport of Asian dust in the CESM	Mingxuan Wu
1:40	Stratospheric aerosol derived from volcanic and non-volcanic emissions in CESM2	Mike Mills
2:00	Stratosphere impacts on climate change projections	Isla Simpson
2:20	Discussion of unified chemistry	Louisa Emmons
3:00	<i>Break</i>	
3:30	Vertical resolution in next generation CAM	Yaga Richter
3:50	Introduction to "Singletrack": Unified atmosphere model efforts at NCAR	Andrew Gettelman
4:00	Plans for infrastructure development in CESM	Steve Goldhaber
4:20	Discussion of unified atmospheric modeling	
5:15	<i>Adjourn</i>	
5:30	<i>Reception (Damon Room)</i>	