

CESM Whole Atmosphere Working Group Meeting
9 – 10 February 2016
Foothills Lab – FL2 Main Auditorium
National Center for Atmospheric Research Boulder, Colorado

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

TUESDAY, 9 February

8:30	<i>Coffee</i>	
9:00	Welcome, introductions	M. Mills, A. Gettelman
9:10	The State of WACCM	Andrew Gettelman
9:30	WACCM4 CCMI status and science highlights	Doug Kinnison
9:50	WACCM-X update	Joe McInerney
10:10	Data assimilation in the Whole Atmosphere Community Climate Model	Nick Pedatella
10:30	<i>Continental Breakfast</i>	
11:00	WACCM studies at CU	L. Harvey/J. Pettit
11:20	WACCM studies at FMI	Monika Andersson
11:40	WACCM development at Leeds University	Wuhu Feng
12:00	Thermosphere-ionosphere integration work with WACCM-X at the NRL	Fabrizio Sassi
12:20	<i>Lunch (on your own)</i>	
2:00	Reduced climate sensitivity to solar forcing due to stratospheric ozone Feedback: A study contrasting WACCM and SC-WACCM	Gabriel Chiodo
2:20	Comparing simulated PSC optical properties with CALIPSO observations During the 2010 Antarctic Winter	Yunqian Zhu
2:40	Spurious reflection of atmospheric waves by model tops: A real problem?	Curt Covey
3:00	<i>Break</i>	
3:30	A global electric circuit model within WACCM	Greg Lucas
3:50	Total storm conduction current parameterization in a global climate model	Christina Kalb
4:10	The surface impacts of energetic particle precipitations as simulated in WACCM	Ethan Peck
4:30	Summary of WACCM developments / plans	A. Gettelman/L. Polvani
4:40	Discussion	
5:00	<i>Adjourn</i>	

WEDNESDAY, 10 February

Joint Session of Atmosphere Model, Chemistry-Cimate and Whole Atmosphere Working Groups

- 8:30 *Coffee*
- 9:00 Discussion of joint issues
- 9:20 CAM dynamics update Peter Lauritzen
- 9:40 New CAM-chem developments, prognostic fire injection and SOA schemes L. Emmons, S. Tilmes
- 10:00 New prescribed and prognostic volcanic and stratospheric aerosol options in CESM Mike Mills
- 10:20 *Continental Breakfast*
- 10:50 Nudging timescales and vertical transport in CAMChem-SD and WACCM-SD Jessica Neu
- 11:10 Comparing QBO and ENSO impacts on stratospheric transport in WACCM-SD and –FR Sasha Glanville
- 11:40 Discussion
- 12:00 *Adjourn and Lunch (on your own)*

**MEETING MOVES TO CENTER GREEN CAMPUS FOR
AFTERNOON JOINT SESSION**

- 1:40 Bus departs Foothills Laboratory for Center Green Campus