

CESM Chemistry Climate Working Group Meeting  
9 – 10 February 2016  
National Center for Atmospheric Research – Foothills Lab  
Boulder, Colorado

TUESDAY, 9 February – FL0-2512

*Webcast Instructions:*

**AUDIO:** Dial this access number: 1-866-740-1260 – Enter access code **4971471**

**VIDEO:** Go to [www.readytalk.com](http://www.readytalk.com); under “join a meeting” enter access code **4971471**

1:30	Introduction, model status (CAM5/mam4), expanded chemistry	Louisa Emmons
1:45	Implementation of fire injection	Simone Tilmes
2:00	Global transformation and fate of SOA using a modified volatility basis-set approach	Manish Shrivastava
2:15	Implementation of a VBS SOA framework in CAM-chem	Alma Hodzic
2:30	Secondary organic aerosols: Will they change in the future?	Joyce Penner
2:45	Comparison of chemical mechanisms	Ben Brown-Steiner
3:00	<i>Break</i>	
3:30	A DART/CAM-Chem reanalysis of MOPITT observations	Ben Gaubert
3:45	Sensitivity of simulated ozone trends to biases in US vehicle emissions	Sarah Monks
4:00	Discussion, plans, action items	
5:00	<i>Adjourn</i>	

WEDNESDAY, 10 February – FL2 Main Auditorium

>>>> **Webcast:** [www.fin.ucar.edu/it/mms/fl-live.htm](http://www.fin.ucar.edu/it/mms/fl-live.htm) <<<<

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

8:30	<i>Coffee</i>	
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	<i>Continental Breakfast</i>	
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	<i>Adjourn and Lunch (on your own)</i>	

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

1:40 Bus departs Foothills Laboratory for Center Green Campus