

**CESM Joint Chemistry Climate and Whole Atmosphere
Working Group Session
Tuesday, 18 June 2019
NCAR – Boulder, Colorado – Center Green Auditorium – North Bay**

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

- 08:30 Rolando Garcia – Status of WACCM
- 08:45 Mike Mills – CMIP6 simulations
- 09:00 Jessica Neu – Disentangling QBO and ENSO impacts on stratospheric circulation and tracer transport
- 09:15 Hanli Liu – Quantifying gravity wave forcing using scale invariance
- 09:30 Nick Davis – Improving the representation of stratospheric upwelling trends in Specified Dynamics WACCM
- 09:45 Peter Hess – How waviness in the circulation changes surface ozone: A viewpoint using local finite-amplitude wave activity
- 10:00 *Break*
- 10:30 Louisa Emmons – Status of CAM-chem
- 10:45 Xiaohong Liu – Updates of aerosol developments on convective wet scavenging, brown carbon, dust, and nitrates
- 11:00 Julius Vira – Land-atmosphere coupling in ammonia volatilization: Impacts on atmospheric chemistry
- 11:15 Yuxuan Wang – Impacts of droughts on atmospheric composition and chemistry feedbacks
- 11:30 Discussion:
- MUSICA intro
 - What are the primary applications for CESM and it's 'niche'?
 - What should CESM do / focus on for the next five years?
 - What are the needs of WACCM & CAM-chem?
 - Should we change the format of the summer workshop and winter WG meetings?
- 12:15 *Adjourn*