CESM Chemistry Climate Working Group Meeting  
11 – 13 February 2013  
National Center for Atmospheric Research  
Mesa Lab – Boulder, Colorado

MONDAY, 11 February – ISP Conference Room

1:00 Jean-François Lamarque – Introduction + State of CAM_chem
1:15 Simone Tilmes – CAM4 – CAM5
1:45 Simone Tilmes/Po-Lun Ma – Diagnostic package
2:05 Louisa Emmons – POLMIP
2:20 Philip Cameron-Smith – Uncertainty Quantification
2:30 Discussion – Metrics and diagnostics
3:30 Scott Elliott – Macromolecular
3:45 Clara Deal – DMS
4:00 Kostas Tsigaradis – Sea Spray
4:15 Alf Kirkevag – Natural aerosols

TUESDAY, 12 February – Main Seminar Room

Joint AMWG / Chemistry-Climate WG Session

9:00 Peter Lauritzen – CSLAM and tracer advection
9:15 Phil Rasch – A "final" version of prescribed Aerosols for CAM5
9:30 Xiaohong Liu – Development of a 4 mode aerosol package for CAM5
9:45 Joyce Penner – Aqueous phase formation mechanism for organic aerosols in CAM
10:00 Po-Lun Ma / Cecile Hannay – New Aerosol diagnostics for CAM
10:30 Andrew Gettelman – Aerosol-cloud interactions and uncertainties in CAM
10:45 Chris Jones – Aerosol Indirect Effects in PBL Clouds: SCAM5 vs. LES
11:00 Cathy Chuang – Aerosol sectional model at LLNL
11:15 Scott Elliott – Ocean sources of aerosols
11:30 Steve Ghan – Aerosol branch
1:15 AMWG co-chair update
1:30 PCWG co-chair update
1:45 WAWG co-chair update
2:00 CCWG co-chair update
2:15 Dave Hart / Mariana Vertenstein – Yellowstone update
2:30 Lorenzo Polvani – Stratospheric ozone and Antarctic sea ice trends

Return to ISP Conference Room

3:30 Maria ValMartin – Future changes in air quality
3:45 Steve Arnold – Mediterranean ozone
4:00 Peter Hess – Climate penalty
4:15 Philip Cameron-Smith – Strat. Transport and 14C
4:30 Nicholas Meshkidze – Marine organic aerosols in CAM
4:45 Doug Kinnison – VSL
WEDNESDAY, 13 February – Chapman Room

9:00   Peter Hess – Nitrogen emissions
9:15   Michael Prather – FAST-J
9:30   Philip Cameron-Smith – Impact of Arctic Clathrate Emissions
9:45   Gabrielle Pfister – Downscaling to WRF-chem
10:00  Po-Lun Ma – BC emulator
10:15  Dirk Olivié - Coupling CAM-Oslo aerosols with MOZART chemistry