

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