WEDNESDAY, 10 February:

**Update and Progress on CAM / Track 5 (2PM – 3:15PM)**

2:00  Co-chairs – Welcome, Logistics, and Introductory Remarks

2:15  Phil Rasch / Rich Neale – Overview of Where we are with CAM-Track 5

2:30  Cecile Hannay – CAM-only Development Simulations

2:50  Rich Neale – Current State of CCSM Track 5 Coupled Control Simulations

**CAM / Track 5 Configuration Updates (3:45PM – 5:30PM)**

3:45  Sungsu Park – Macrophysics, PBL, Shallow Convection

4:00  Andrew Gettelman – Microphysics

4:15  Andrew Conley – RRTM / Radiative Processes in CAM

4:30  Xiaohong Liu – Modal Aerosol Model in CAM

4:45  Peter Lauritzen – FV Dynamical Core and Filtering

5:00  Discussion lead by Minghua Zhang

THURSDAY, 11 February:

**Joint AMWG – CCWG Meeting (9AM – 12:15PM)**

9:00  Jean-Francois Lamarque – Chemistry for AR5: Configurations, Emission, and Simulations

9:20  Xiaohong Liu – Aerosols and Radiative Properties in Track 5

9:35  Andrew Conley – A Radiative Transfer Tool for Offline Calculations

9:50  Discussion

**Update from Other Working Groups / CCSM4 – Mean Simulations (10:45AM – 12:15PM)**

10:45  Dave Lawrence – Update on Land Model Working Group Activities

11:00  Dave Bailey – Update on Polar Climate Working Group Activities

11:15  Gokhan Danabasoglu – Update on Ocean Model Working Group Activities

11:30  Keith Lindsay – Update on Biogeochemistry Working Group Activities

11:45  Mark Taylor – AMIP Simulations with HOMME
CCSM4 Track 1 / Track 5 Comparison and Development Studies (1:15PM – 3:00 PM)

1:15  Cecile Hannay – Evaluating Parameterized Variables in CAM along the GCSS Pacific Cross-section

1:30  Kevin Raeder – An Update on Data Assimilation Research Testbed (DART) Capabilities in CAM

1:45  Steve Klein – Resolution Dependencies of CAM Simulations

2:00  Phil Rasch – Results from an Increased Vertical Resolution Version of CAM

2:15  Julio Bacmeister – High-resolution Hurricane Forecast and Climate Simulations in CAM

2:30  Bill Gutowski – Implementation of a Non-hydrostatic, Adaptive-grid Dynamics Core in CAM

2:45  Joe Klemp / Bill Skamarock – An MPAS Dynamical Core for CAM

Climate and Climate Sensitivity in CAM (3:30 PM – 5:30PM)

3:30  Joe Tribbia – Decadal Climate Prediction using CCSM4

3:45  Minghua Zhang – Seasonal Variability of Low Clouds in CAM

4:00  Brian Medeiros – Analyzing Climate Sensitivity in Aqua-planet CAM

4:15  Jen Kay – Mean Arctic Climate and Climate Changes under GHG / Aerosol Forcing

4:30  Sungsu Park – The Role of the Cloud Response in Climate Sensitivity

4:45  Rich Neale / Andrew Gettelman – Climate Sensitivity in SOM Experiments

5:00  Discussion led by Phil Rasch

FRIDAY, 12 February:

General Contributions 9:00AM – 10:15PM

9:00  Charles Jackson – Updated Targets and Results for Estimates of CAM Parametric Uncertainties

         Don Lucas / Curt Covey – LLNL Climate UQ Project


9:30  Brian Mapes – The Multiple Plume Approach to Convection using the UW Shallow Convection Scheme

9:45  David Neelin – Precipitation and Humidity Relationships in Observations and Models

10:00  Discussion

Ideas / Plans for Model Development beyond CCSM4 / CESM1 (10:45AM – 3:00 PM)

10:45  Andrew Gettelman / Rich Neale – Strategic Plan Priorities / Science Goals

11:15  Discussion

1:00  Component Requirements and Plans (10 minute outline talks + open discussion)

         1:00  Sungsu Park – Unifying Convection
- 1:25 Andrew Gettelman – Microphysics and Sub-column Generators
- 1:50 Xiaoahong Liu – Prescribed MAM Aerosol, Flexible Radiative Interface Plans
- 2:15 Peter Lauritzen – Dynamical Core Development
- 2:40 Julio Bacmeister – High Resolution and Gravity Wave Parameterization

3:30 Discussion led by Rich Neale
- Final Configuration of Track 5
- Release Timelines
- Special Issue Papers
- Development and Release Plans beyond CCSM4 / CESM1

5:00 Programmatic Issues, Working Group Configuration, Wrap-up