CESM Whole Atmosphere Working Group Meeting
16 - 17 February 2011
National Center for Atmospheric Research – Boulder, Colorado

Wednesday, 16 February: (Joint with AMWG)

13:30 Co-chairs – Introduction and Motivation

13:45 Dan Marsh – Comparison of WACCM and CCSM4 CMIP5 Simulations

14:15 Julio Bacmeister/Yaga Richter – Development of a High-topped CAM

14:30 Kevin Raeder – The Data Assimilation Research Testbed (DART)

14:45 Peter Lauritzen/Rich Neale – A Compromise Low-resolution Version of FV-CAM

15:00 *Break*

15:30 Francis Vitt – New Capabilities in CESM 1.0 / WACCM4

15:45 Doug Kinnison – Status of SD-WACCM

16:05 Andrew Conley – Status of WACCM with RRTMG

16:25 Hanli Liu – Status of WACCM-X

16:45 Discussion

Thursday, 17 February:

8:30 *Coffee, pastries*

9:00 Mike Mills – CESM1.0/WACCM4 with CARMA3.0 Microphysics

9:18 Amal Chandran – An Analysis of Stratospheric Sudden Warmings & Elevated Stratopauses as Generated in WACCM

9:36 Aimee Merkel – Modeling the Atmospheric Response to the Solar Spectral Variability Measured from SORCE

9:54 Ryan Neely – Global LIDAR Remote Sensing of Stratospheric Aerosols and Comparison with WACCM/CARMA

10:12 Jason English – Microphysical Modeling of Stratospheric Sulfate Geoengineering

10:30 *Break*

10:50 Lynn Harvey – WACCM Studies at CU-Boulder

11:08 Anne Smith – Simulations of the Circulation and Transport in the Winter Middle Atmosphere using WACCM3.5

11:26 Rolando Garcia –A “World Avoided” Simulation using a Fully Coupled Climate-chemistry Model

11:44 Xian Lu – Momentum Budget Analysis of the Migrating Diurnal Tide in WACCM4:
Effects of Gravity Wave Forcing and Advections

12:02 Lorenzo Polvani – Discussion on Future Development

12:30 *Adjourn*