

**CCSM Atmosphere Model Working Group Meeting**  
**NCAR Mesa Lab, Main Seminar Room**  
**Tuesday, 1 March – Thursday, 3 March 2005**  
**Draft Agenda**

**Tuesday, 1 March**

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|---------------------|--|
| 8:30 AM - 9:00 AM   | Coffee and Pastry  |
| 9:00 AM - 9:30 AM   | Welcome: Meeting Purpose and Revisions to Agenda (Phil Rasch and Leo Donner)   |
| 9:30 AM - 10:30 AM  | Status of CAM <ul style="list-style-type: none"><li>• Software Engineering Issues and Patch Releases (Brian Eaton)</li><li>• Highlights from Papers; Where Are We Going? Relationship with Other CCSM Groups; Beta Releases; and Commitment to FV Model (Phil Rasch)</li></ul> |
| 10:30 AM - 10:45 AM | <b>Break</b>   |
| 10:45 AM - 12:00 PM | Open Discussion <ul style="list-style-type: none"><li>• What is Missing from the Program?</li><li>• How to Make Progress in Light of Lack of SE Resources?</li><li>• Discussion of Criteria for Future Contributions</li></ul>   |
| 12:00 PM - 1:30 PM  | <b>Lunch</b>   |
| 1:30 PM - 3:10 PM   | High Resolution Simulations with CAM (Phil Duffy)<br>Physically Based Downscaling of Regional Climate (Steve Ghan)<br>CPT Report (Bony Comparisons) (Chris Bretherton)<br>Climate Sensitivity of Low-Level Clouds (Ping Zhu)   |
| 3:10 PM - 3:30 PM   | <b>Break</b>   |
| 3:30 PM - 4:30 PM   | Clara Deser will present a seminar “ENSO in CCSM3”   |
| 5:00 PM             | <b>Adjourn</b>   |

**Wednesday, 2 March**

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|---------------------|---|
| 8:30 AM - 9:00 AM   | Coffee and Pastry   |
| 9:00 AM - 10:00 AM  | Data Assimilation Using CAM (Kevin Raeder)<br>Comparison of CAM2 and CAM3 Forecasts at the ARM SGP Site (Dave Williamson) |
| 10:00 AM - 10:30 AM | <b>Break</b>  |

## Wednesday, 2 March – Continued

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|                     | <b>First Joint Session with Ocean Model Working Group</b>  |
| 10:30 AM - 10:50 AM | <ul style="list-style-type: none"><li>• Tropical Variability from the Diurnal Cycle to the Mean in Coupled and Uncoupled Ocean Solutions (Gokhan Danabasoglu, Bill Large and Markus Jochum)</li></ul>  |
| 10:50 AM - 11:10 AM | <ul style="list-style-type: none"><li>• Tropical Variability in Coupled and Uncoupled Atmosphere Solutions (AMWG)</li></ul>  |
| 11:10 AM - 11:30 AM | <ul style="list-style-type: none"><li>• COLA Hosted Workshop (Ed Schneider)</li></ul>  |
| 11:30 AM - 12:30 PM | <ul style="list-style-type: none"><li>• Open Discussion</li></ul>  |
| 12:30 PM - 2:00 PM  | <b>Lunch</b>   |
| 2:00 PM - 3:20 PM   | <ul style="list-style-type: none"><li>• Constraints on Ocean/Atmosphere Interactions Via Chemistry (Phillip Cameron-Smith)</li><li>• Gravity Waves from Tropospheric Sources Application to WACCM (Fabrizio Sassi)</li><li>• Rain Rate and Variability in the Amazon Basin Using CAM3 and CSU Convection (Charlotte Demott)</li><li>• Test of the Revised Zhang-McFarlane Convection Scheme in CAM3 (Guang Zhang)</li></ul>                    |
| 3:20 PM - 3:40 PM   | <b>Break</b>   |
| 3:40 PM - 5:00 PM   | <ul style="list-style-type: none"><li>• The Impact of a Parameterization of SST Diurnal Warming on Convection and Surface Fluxes in CAM3 (Lucrezia Ricciardulli)</li><li>• Exploration of CAM3 with the Emanuel Convection Parameterization (Phil Rasch)</li><li>• CAM3 Simulations with AER Radiation and MIT Physics (Mike Iacono)</li><li>• MIT Convection and Clouds in CAM3 at Higher Vertical Resolution (Ragoth Sundararajan)</li></ul> |
| 5:00 PM             | <b>Adjourn</b>   |

## Thursday, 3 March

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|--------------------|---|
| 8:30 AM - 9:00 AM  | Coffee and Pastry   |
| 9:00 AM - 9:45 AM  | Focus Group Meetings (Breakout Sessions) <ul style="list-style-type: none"><li>• Large-Scale Clouds</li><li>• Data Assimilation</li><li>• Variability</li></ul> |
| 9:45 AM - 10:00 AM | <b>Break</b>  |

## Thursday, 3 March – Continued

|          |            |  |
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| 10:00 AM | 10:45 AM   | Focus Group Meetings (Breakout Sessions) <ul style="list-style-type: none"><li>• Convection</li><li>• Microphysics</li><li>• High Resolution</li></ul>   |
| 10:45 AM | - 12:00 PM | Plenary Discussion of Issues from Joint OMWG Session and Focus Group Reports   |
| 12:00 PM | - 1:00 PM  | <b>Lunch</b>   |
| 1:00 PM  | - 3:00 PM  | <b>Second Joint Session with Ocean Model Working Group</b> <ul style="list-style-type: none"><li>• Response from OMWG (TBD)</li><li>• Response from AMWG (TBD)</li><li>• Open Discussion</li></ul> |
| 3:00 PM  | - 3:30 PM  | <b>Break</b>   |
| 3:30 PM  | - 4:30 PM  | Plenary (General Discussion)   |
| 4:30 PM  |            | <b>Adjourn</b>   |