

# Agenda

## CERES Science Team Meeting

NASA GISS  
New York City, NY  
October 27-29, 2008

### Major Objectives for the Meeting:

- 1. *Review status of CERES Instruments and Data Products:***
  - Status of NASA/U.S.CCSP/EOS/Senior Reviews and CERES on NPP and NPOESS
  - Terra and Aqua SW/LW/TOTAL channel calibration for Edition 3; CERES FM5, FM6 Update
  - Edition 3 cloud algorithm development and validation
  - CRS Edition 2 Validation
  - SRBAVG production of daily means in addition to monthly means
  - New ISCCP-like MODIS & GEO Data Products
  - SYN and AVG: the Level 3 Gridded Version of Computed TOA/ATM/SFC fluxes.
  - Extending SRBAVG, ISCCP-like-GEO and SYN/AVG/ZAVG to December 2007
  - GEWEX Radiative Flux Assessment
  - SCOOOL Update & S'COOL Rover observations at NASA GISS (see overpass times on p. 4).
  - CERES Data Production Update
  - CLARREO Update
- 2. *CERES specific Co-I Reports. Each report is 20min including time for questions.***

### Meeting Minutes: PDF

*We plan to publish the minutes of the meeting electronically, so please send an electronic copy of your presentation to Jim Closs (james.w.closs@nasa.gov) either before or following the meeting. Desired format is a pdf document.*

**Dutch Treat Dinner: 7:00pm Tuesday Evening**  
*(Carmines', 2450 Broadway, between W 90<sup>th</sup> and 91<sup>st</sup> Streets)*

# Monday, October 27

## NASA GISS

### 8:00 am Coffee/Danish

8:30 am Meeting Logistics, Welcome *Loeb/Wielicki*

8:40 am State of U.S. CCSP/EOS/CERES/NPP/NPOESS/Decadal Survey Missions/Atrain/NASA *B. Wielicki*

9:20 am Terra and Aqua SW/LW/TOTAL channel calibration for Edition 3 and Status of CERES NPP instrument *K. Priestley*

### 10:20 am Break

10:40 am Update on CERES Edition 3 cloud algorithm *P. Minnis*

11:10 am Recent Improvements to the Surface Only Flux Algorithms (SOFA) *Gupta/Kratz*

11:40 am The Surface and Atmosphere Radiation Budget (SARB): CRS Edition2 results from TRMM, Terra, and Aqua. Changes for Edition3 *T. Charlock*

### 12:20 pm Lunch

2:00 pm Time-Space Averaging Update *D. Doelling*

2:30 pm ISCCP D2-Like CERES Data Products *M. Sun*

### 3:00 pm Break

3:20 pm Time-averaged Computed TOA, ATM and SFC Flux Products (SYN/AVG/ZAVG): Beta-to-Edition Roadmap *D. Doelling*

3:40 pm Time-averaged Computed TOA, ATM and SFC Flux Products (SYN/AVG/ZAVG): Preliminary Results *F. Rose*

4:10 pm Discussion on SYN/AVG/ZAVG Beta-to-Edition Strategy *D. Doelling*

4:30 pm CERES Data Production Update *Lisa Coleman*

### 4:50 pm Adjourn

## Tuesday, October 28

### NASA GISS

- 8:00 am **Coffee/Danish**
- 8:30 am **Working Group Sessions** *All*  
*Angular Modeling (Loeb et al.)*  
*Surface to TOA Fluxes (Charlock et al.)*  
*Cloud Properties (Minnis et al.)*
- Co-I Reports**
- 9:30 am S'COOL *L. Chambers*
- 9:50 am GEWEX Radiative Flux Assessment Update *T. Wong*
- 10:10 am CALIPSO-CloudSat-CERES-MODIS (CCCM) Merged Product *S. Kato*
- 10:30 am Break**
- 10:50 am Evaluation of Tropical Cloud Simulations in Forecasts with CAM3  
Using the A-Train Data *G. Potter*
- 11:10 am Model Evaluation Using CERES Gridded Cloud Object Data *K.-M. Xu*
- 11:30 am Climate Perturbation, Change and Feedback *B. Lin*
- 11:50 am **Lunch**
- INVITED PRESENTATIONS**
- 1:40 pm Recent Activities of the ARM Radiative Processes Working Group *D. Turner*
- 2:00 pm Does Deep Convection Matter Anymore? *A. Del Genio*
- 2:45 pm After IPCC AR4: Remaining Uncertainties and Strategies for  
Reducing Them *G. Schmidt*
- 3:30 pm Break**
- 3:50 pm Learning from the MMP *D. Randall*
- Co-I Reports: Continued**
- 4:20 pm Evaluation of GISS SCM Simulated Cloud Fraction and Radiative  
Properties Using Both Surface and Satellite Observations *X. Dong*
- 4:45 pm Climate Observing System Requirements: How do we get there? *B. Wielicki*
- 5:05 pm CLARREO Update *B. Wielicki*
- 5:15 pm CERES-SSF and MODIS Retrievals of Properties for Deep Convective  
Clouds *J. Coakley*
- 5:35 pm Adjourn**
- 7:00 pm Dutch Treat Dinner: Carmine's, 2450 Broadway (between W 90th and 91st Streets)**

# Wednesday, October 29

*NASA GISS*

8:00 am **Coffee/Danish**

## **Co-I Reports: Continued.**

8:30 am	Degradation Pattern of the ERBE Wide Field-of-View Radiometer Aboard the NOAA 9 spacecraft	<i>T. Wong/L. Smith</i>
8:50 pm	Influence of Gaps in Earth Radiation Budget Climate Data Records	<i>N. Loeb</i>
9:10 am	Radiation budget from ABI on GOES-R	<i>I. Laszlo</i>
9:30 am	On the Consistency of TOA Fluxes from CERES and MISR	<i>W. Sun</i>
9:50 am	<b>Break</b>	
10:10 am	Smoke on the Water	<i>B. Fabbri</i>
10:30 am	Measurement of the Earth Radiation Imbalance	<i>S. Dewitte</i>
10:50 am	<b>Action Items, Final Discussion</b>	<i>Loeb/Wielicki</i>
11:00 am	<b>Adjourn</b>	

## **Summary of Terra and Aqua Overpass Times**

### **Monday**

10:56 am Terra overpass  
12:34 pm Terra overpass  
2:15 pm Aqua overpass

### **Tuesday**

11:39 am Terra Overpass  
1:20 pm Aqua Overpass

### **Wednesday**

12:21 pm Terra Overpass  
2:03 pm Aqua overpass

**2:00 pm GERB Science Team Meeting**