Major objectives for this meeting:

- Status of new TRMM and Terra data products in development and validation:
  - TRMM SSF, new ADMs and the answer to a question you didn’t know you had.
  - Terra MODIS clouds: early global results, and comparison to ARM-sites.
  - Status of CERES examination of GEOS 3.3.9 data assimilation, plans for GEOS 4.0
  - TRMM SARB beta-CRS results, early TRMM TISA SRB AVG results. These products are planned for Edition 1 validated delivery in April and May 2002
  - Terra long-term calibration stability report

- Science Team Results

- Coordination of meeting with GERB and interaction of CERES/GERB teams

We plan to publish the minutes of the meeting electronically, so please send an electronic copy of your presentation to Jennifer Hubble (j.m.hubble@larc.nasa.gov) either before or following the meeting. Suggested format is a pdf document.

There will be a joint CERES/GERB Team Dinner Wednesday Night, 8pm at the “Le chou de Bruxelles”. The CERES meeting ends 12:30pm Wed, and GERB meeting starts Wed 2:30pm and ends Friday at 2pm. Both in the same location: all are invited to both meetings.

Note: some presentation times have shifted within an hour or two from the original agenda: be sure to check the final times: we have a very full meeting!
Monday, January 21

8:00 am  **Coffee/Tea/Biscuits**

8:30 am  Meeting Logistics, Welcome  
*S. Dewitte*

8:40 am  Meeting Objectives and State of EOS/CERES  
*B. Wielicki*

8:55 am  CERES-Like on NPOESS  
*K. Priestley, B. Wielicki*

9:10 am  CERES Data Product Status, Schedules  
*B. Wielicki, E. Geier, B. Barkstrom*

9:30 am  TRMM/Terra/Aqua Instrument, Calibration Status  
*K. Priestley, J. Cooper*

9:50 am  GERB/CERES inter-calibration, and Multi-angle target looks using special RAP modes  
*P. Szewczyk*

10:20 am  **Break**

10:45 am  TRMM SSF Edition 2 VIRS clouds, Terra beta-MODIS clouds, and DAO Tskin Accuracy  
*P. Minnis*

11:30 am  TRMM Edition 2 ADM/TOA Fluxes  
*N. Loeb*

 (*subtitle: Said the solar photon to the scientist: what is the diameter of the Earth?*)

12:30 pm  **Lunch**

2:00 pm  TRMM SSF Edition 2 Surface Fluxes  
*D. Kratz, S. Gupta*

2:30 pm  Code Changes for TRMM CRS Beta3  
*F. Rose, et al.*

   CRS Beta 1-2-3 vs. Observations (Surface & TOA)  
   Vertical Profiles Mapped with FSW  
   *T. Charlock, et al.*

3:30 pm  **Break**

4:00 pm  First tests of TRMM SSF + geo for SRBAVG  
*D. Young*

4:45 pm  S'Cool Obs comparisons to ES-8 and SSF  
*D. Stoddard, D. Young*

5:00 pm  **Adjourn**
Tuesday, January 22

8:00 am  Coffee/Tea/Biscuits

8:30 am  Working Group Sessions

10:00 am  Break

Invited Presentations

10:30 am  GERB: Geostationary Earth Radiation Budget  
J. Harries

11:15 am  Hadley Centre Climate Modeling  
A. Slingo

12:00  Lunch

Co-I Reports

1:30 pm  What CLAMS Tells Us About the Ocean Albedo Measured at COVE  
T. Charlock, Jin, F. Rose, K. Rutledge, and Smith

1:50 pm  New CERES Directional Models: Albedo vs Sol Zen  
Jeff Boghosia, Dave Young

2:10 pm  Cloud Cover Validation using Ground Based Data  
T. Berendes, R. Welch, D. Berendes, E. Clothiaux, E. Dutton, T. Uttal

2:30 pm  Ground-Based Arctic Cloud Properties for Multi-year Comparisons to CERES/MODIS Retrievals  
M. Shupe, S. Matrosov, S. Frisch, T. Uttal

2:50 pm  Initial Validation Effort for MODIS Cloud Results Using ARM SGP Data  
X. Dong, P. Minnis, S. Sun-Mack E. Clothiaux, J. Liljegren

3:10 pm  Break

3:30 pm  VIRS vs. AVHRR Aerosols  
Ignatov, Zhao, Stowe, Laszlo

3:50 pm  Homogenization of CERES and METEOSAT fluxes: demonstration for the OLR  
S. Dewitte

4:10 pm  On the Application of CERES data for Climate Forcing studies  
V. Ramanathan

4:30 pm  Direct Aerosol Effect using CERES-TRMM SSF and AERONET observations  
J.A. Coakley, Jr., W.R. Tahnk and N.G. Loeb

4:50 pm  Trend Detection in Regionally Averaged ERBE Data  
B. Weatherhead

5:10 pm  Adjourn
Wednesday, January 23

8:00 am  **Coffee/Tea/Bisquits**

**Co-I Reports Con’t**

8:30 am  Annual Cycle of Surface Radiation and Climate Classification  
          *G. L. Smith*

8:50 am  Temporal Spectra of Terra SW/LW fluxes  
          *G. L. Smith, T. Wong*

9:10 am  Convective Mass Fluxes and Tracer Transport  
          *Leo Donner*

9:30 am  A simple theory of organized convection and tests against observations.  
          *D. Randall, A. Cheng*

9:50 am  Radiation budget over tropical western pacific ocean  
          *S. Kato*

10:10 am  A first look of OLR and Arctic Oscillation  
          *S-K. Yang, A. J. Miller and S. Zhou*

10:30 am  **Break**

10:50 am  CERES SSF clouds and the IRIS  
          *Lin Chambers, B. Lin*

11:10 am  Cloud cover variations over the United States: An influence of cosmic rays or solar variability?  
          *Petra M. Udelhofen and R. D. Cess*

11:30 am  Long-Term Precision of ERBE Nonscanner Data Products  
          *R. B. Lee III, G. L. Smith, J. Paden, K. Bush, D. Pandey, R. Wilson, T. Wong*

11:50 am  Evidence for Large Decadal Variability in the Tropical Mean Radiative Energy Budget  
          *Wielicki, Wong, Allan, Slingo, Kiehl Soden, Gordon, Miller, Yang, Randall, Robertson, Susskind, Jacobowitz*

12:20 pm  Summary/Action Items  
          *Barkstrom/Wielicki*

12:30 pm  **Adjourn**

**Wednesday 2:30PM through Friday 2PM: GERB Science Team Meeting:**
**Same Location!**

**Wednesday Evening Joint CERES/GERB Dinner: 8pm,**
**“Le chou de Bruxelles”: 30 Euros including wine!**