

Agenda

15th Meeting of the GERB International Science Team

at the Royal Meteorological Institute, Brussels

(NOTE Change of Venue from September)

on 23-25 January 2002

Times: Wednesday: 14:30-17:00; Thursday: 09:00-17:00; Friday: 09:00-14:00

Location: RMIB Conference Room (locate via <http://www.meteo.be/english/index.html>)

Note: This meeting will be preceded, at the same venue, by a meeting of the CERES Science Team, from 21-23 January, to which all GIST members have been cordially invited. The CERES agenda is also being sent to all GIST members.

Wednesday 19 September, 14:30

1. Welcoming remarks: *Dewitte (RMIB)*
2. Minutes of, and matters arising from last meeting
Harries (UKMO)
3. Reports on the GERB and MSG projects:
MSG and overall programme
 - 3.1 Report from ESA *Oriol Pibernat (ESA)*
 - 3.2 Report from EUMETSAT *Schmetz (EUMESTAT)**GERB Instrument*
 - 3.3 Report from RAL (management and instrument) *Sawyer (RAL)*
 - 3.4 Report from Imperial College *Kellock (IC)**GERB Ground segment and data activities*
 - 3.5 Report on RAL (ground segment) *Stewart (RAL)*
 - 3.6 Report from the UK Met Office *Slingo (UKMO)*
 - 3.7 Report from RMIB *Dewitte (RMIB)*

Thursday 20 September, 09:00

4. The CERES Experiment and Results *Wielicki (LaRC)*
5. The FIRST project *Mlynczak (LaRC)*
6. The TRIANA Project *Smith (LaRC)*

7. Framework V proposal discussion *All*
8. Science presentations
(Aim in general for 15 minutes + 5 minutes discussion: will continue as necessary Friday 25 January, 09:00)
- 8.1 GERB data products and how to locate them: a guide
Peter Allan (RAL)
- 8.2 Update on analysis of detector response
Matthews (IC)
- 8.3 Estimation of TOA Broadband Flux Errors Using a Coupled Radiometer--Imager for Shortwave Radiation
Ipe (RMIB)
- 8.4 Inter calibration of CERES and GERB Radiances
Haeffelin (LaRC)
- 8.5 A radiance to flux inversion model, validated using CERES data.
Lopez-Baeza (Valencia)
- 8.6 On the use of reanalyses in combination with Earth Radiation Budget data to evaluate climate model simulated cloud radiative properties.
Richard Allan (UKMO)
- 8.7 Simulation of satellite radiances in the Met Office Unified Model.
Ringer (UKMO)
- 8.8 The use of GERB-like fluxes to validate NWP models
Bertrand (RMIB)
- 8.9 Simulations and sensitivity analyses of GERB data
Spencer (Leicester)
- 8.10 Recent work at U. Liege
Gerard (Liege)
- 8.11 Current interests in GERB at DLR, Germany
Dammann (DLR)
- 8.12 Recent work at GKSS: surface radiation budget from satellite
Hollmann (GKSS)
- 8.13 Discussion of "Combination of SCARAB and CRES data with Meteosat 5", presented to CERES Science Team
Viollier (LMD)
- 8.14 Characteristic periods of OLR variability
Read (IC)
- 8.15 OLR slicing
Pettinato (IC)
- 8.16 Update on comparison of IMG and IRIS spectra and cloud effects
Harries (IC)
9. Summary
- Action items, plans for next meeting,
plans for further meetings, future funding, etc. *Harries (IC)*