

# ORAC Meeting (Oxford)

11/03/2008

Present: *Elies Campmany, Elisa Carboni, Don Grainger, Caroline Poulsen, Andy Sayer, Richard Siddans, Gareth Thomas and Lin Wu*

## 1 Processing

### 1.1 V2 ANALYSIS:

- TO DO: Andy/Don check SVD calculations
- TO DO: Caroline to look at cloud fraction
- TO DO: Lin to circulate plots of percentage difference from Aeronet
- ship tracks: bug as several ship tracks identified over land

### 1.2 Algorithm Progress

- New AATSR calibration results in a a better match with Aeronet
- Histograms of retrieved quantities show peaks adjacent to look up problems. [It turns out this happened for ISAMS and was solved using cubic spline interpolation]
- Saharan retrieval now works with BRDF surface

## 2 PROJECTS:

- GLOBALAEROSOL
  - Running May 2003 for ATSR-2 and AATSR to see if there is any difference in the retrieved quantities
  - Land-sea flag has an additional value (4) to indicate no MODIS data was available for surface BRDF.
- ADIENT
  - TO DO: Gareth to poke modellers to find out decisions on grids
  - predicted overpasses are now available for next flight period
  - NRT website has been updated
- DRI
  - MERIS has been invited
  - need to email participants about the end of March deadline
- EUMETSAT Imperfect Cloud Study
  - Thomas (student) has made progress on the non-LTE literature review.

- Cloud Comparison Study Proposed by Stefan Kinne
  - Caroline is keen to go the New York meeting only if the GRAPE cloud results have been worked up a bit (not sure if any one has time to do this)

### 3 Papers

- Aerosol Algorithm Paper (Gareth): Building the storey, doing simulation runs.
- Aerosol Validation Paper (Richard/Caroline): Waiting for points files
- Cloud Algorithm Paper (Caroline): no progress
- Cloud Validation Paper (Elies/Caroline): no progress
- Saharan retrieval (Elisa): on going
- Kohanovskyy book (Gareth): on going
- Bulgin paper published

### 4 OTHER:

- Andy (dual view), Gareth (Globaerosol) and Caroline (Cloud) all expressed an interest in going to the AATSR workshop. TO DO: Gareth to let GMV know he will be presenting Globaerosol material.
- Next meeting: 15th April, 9:30 at Oxford