

Concrete outcome

- general
 - 36 participants on list
 - Lively discussion
 - Integration of providers, users

- Uncertainties
 - User request: pixel level one number vs. quality flags + diagnostics
 - Caution with quantification of uncertainties
 - Long-term goal to provide „error bars“ for each pixel
 - Iterative process needed with user involvement
 - start with simple AOD550_uncertainty estimate
 - Random, but must include also „unknown biases“

Concrete outcome

- Satellite inter-comparisons
 - list of gaps / possible studies (FMAOD/ANG, AOD, pdfs)
 - AEROSAT experiments
 - opportunity: GEWEX Phase 2 / Aerosol_cci / Giovanni MAPS
 - User support: dataset list, FAQ / forum / mailing list for inquiries

- Aerosol type
 - nomenclature: components/particles - mixtures
 - overall qualitative categorization by size, absorption (spectral dependance?) shape
 - unknown AOD, type should also be reported or mixture pdfs
 - review table of aerosol typing schemes will be made
 - multi-sensor level4 aerosol typing (merged product)

Concrete outcome

- Model-sat-insitu integration
 - Experiences hdf-netCDF converters
 - User guide / linklist to relevant publications from product list
 - Group discussion of data analysis tools (GIOVANI/MAPPS, RAL, ICARE, WDC-RSAT, ...) for coordination

- Climate Data Records
 - GCOS requirements table / process - realistically achievable goals
 - Need to assess stability
 - ob4MIPs standards for documentation
 - Complete table of potential climate data records

- -> minutes draft for iteration will be distributed
- -> talks on AEROCOM / AEROSAT website
- Internal website (protected)