

AEROSAT

Concluding summary

**International Satellite Aerosol Science Network
Fifth Meeting,
Helsinki, October 12 / 13, 2017**

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AEROSAT (and AEROCOM) experiments

Task groups

- ***Aerosol Retrieval Comparison*** [Kinne, Schuttgens]
- ***Joint Remote-Sensing AOD and Type*** [Kinne, others]
- Connecting ***model – satellite aerosol type*** [Mona, Kahn, Tsigaridis]
- Constraining ***Aerosol Vertical Distribution*** [Winker, Kahn, ...]
- ***Consistent multi-sensor trends*** [Sogachewa, Schulz, Popp]
- ***CCN new approach*** [Rosenfeld, Christensen]

Task groups should

invite others interested

define the experiment

start test the core of an experiment with few participants

involve more participants when basic concept is mature

report at AEROSAT 2018

The end

- 45 - 80 participants (varying over sessions)
- Comparing discussions at AEROSAT2016 and AEROSAT2015
 - Very good representation of modelling teams
 - First step towards defining concrete activities (experiments)
- Other suggestions for next year AEROSAT
 - Specific session on aerosol cloud interaction with cloud retrieval experts
- Thanks to
 - **Hannele Korhonen, Edith Rodriguez, Gerrit de Leeuw, and colleagues**
 - Chairs (Mian, Larisa, Gerrit, Nick, Lucia)
 - Rapporteurs (Larisa, Mike, Falguni, Matt)
 - Speakers
 - all for contributing to lively discussions