



**AEROSAT**  
**International Satellite Aerosol Science Network**  
**Second Meeting,**  
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# Introduction

# AEROSAT goals (1)

- **make satellite aerosol data as useful as possible to customers, especially climate modelers (e.g., AeroCom)**
- **achieve open and active exchange of information**
  - retrievals and their strengths and limitations
  - match requirements of users to technical capabilities
  - benefit from the latest technological advances
  - standardization (data formats, data standards)
- **Forum for satellite aerosol retrieval experts**
  - learn from each other
  - initiate new developments
  - discuss harmonization

# AEROSAT goals (2)

- **promote the use of satellite data**
  - as **complementary** to other sources of information
  - to better understand the role of aerosols on climate, climate change, air quality and atmospheric processes
- **Forum with satellite data users** (AEROCOM models, ICAP forecasts) and data providers (AERONET reference, space agencies)
  - listen to their needs and limitations
  - motivate new activities
  - Contribute to integration of all observations

... important for **Aerosol\_cci** international embedding

# Goals of the meeting

- Substantiate 5 prioritized working groups
  - Pixel level uncertainties
  - Aerosol satellite product inter-comparisons
  - Aerosol typing
  - Inter-comparisons (model / in-situ / ground-based / satellite)
  - Aerosol climate data records
- focus on discussion
- only short introductory presentations / seed questions
- -> refine current concepts / develop new ideas