



## Why Addressing Aerosol in the AC-VC Air Quality Session?

- New topic
- Other initiatives?
- Active community? Critical mass?



- AEROSAT (International Satellite Aerosol Science Network): initiative to help strengthen collaboration between different research groups around the world working on satellite aerosol retrieval. <http://www.aero-sat.org>
- AEROCOM focus on aerosol modelling, provide aerosol fields, emission inventories, use satellite data and provide correlative data. <http://aerocom.met.no>
- AEROSAT-AEROCOM meeting 11-13 Sept 2017, FMI, Helsinki Finland
- ICAP (International Cooperative for Aerosol Prediction) meeting 26-28 June @LOA, Lille, France.
- AQ aspects of aerosol not covered by these initiatives.
- AC-VC might pick this up now.
- .. in close cooperation with AEROSAT, same people involved in organization (Omar Torres, Thomas Popp, Ralph Kahn).

- Satellite instrumentation with aerosol-AQ capabilities
  - Dedicated aerosol instruments
  - Geostationary imagers → NRT AQ applications
- Challenge how to constrain near-surface PM concentration
- Available data records
- Stimulate harmonisation of data sets
- Link radiometric inter-calibration to aerosol