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](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](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).
Goals

- 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