

Development of a measurement standardization and data submission protocol for coarse mode particle number size distribution measurements based on aerodynamic and optical particle size spectrometers

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Progress

Development of reference standard for particle number concentration:

- First attempt: PSL up to 1 μ m selected by a DMA and CPC as reference for the particle number concentration
- Tests until March 2016

APSS Measurement standardization and submission protocol:

- Workshop article is submitted
- ACTRIS recommendations document until Dec. 2015
- Data submission protocol ...

Progress

OPSS Measurement standardization and submission protocol:

- Decision about OPSS we accept in ACTRIS for particle number size distributions measurements has to be done
- Tests with the TSI and Grimm instruments will be done with the reference for particle number concentration beginning of 2016
- Data submission protocol ...