

campaigns with ambient aerosols (with ACTRIS)

supporting addition of BC measurement in AQ guidelines by EC

optical properties of internal and external aerosol mixtures – cal/val datasets for climate models.

- calibration validation: Mie model vs. calibrated measurement 532 nm, difference smaller than 6%
- traceable calibration at 2 wavelengths

Instrumental uncertainties:	
absorption coefficient, 532 nm	
absorption coefficient, 1064 nm	
Absorption Angstrom Exponent	

6%

9%