

Interactive
Comment

Interactive comment on “Calibration and measurement uncertainties of a continuous-flow cloud condensation nuclei counter (DMT-CCNC): CCN activation of ammonium sulfate and sodium chloride aerosol particles in theory and experiment” by D. Rose et al.

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Calibration of the CCNC and quantifying the associated uncertainties are important objectives.

I want to bring to the attention of the authors a very related publication by Shilling et al. Appendix 1 of that publication also provides a high-level discussion of the calibration of the DMT CCNC with ammonium sulfate and sodium chloride particles.

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ACP readers should be interested in a comparison between Shilling et al. and this manuscript's treatments and results.

J.E. Shilling, S.M. King, Mochida, M., D.R. Worsnop, and S.T. Martin, "Mass Spectral Evidence that Small Changes in Composition Caused by Oxidative Aging Processes Alter Aerosol CCN Properties," *Journal of Physical Chemistry A*, 2007, 111, 3358 - 3368.

Interactive comment on *Atmos. Chem. Phys. Discuss.*, 7, 8193, 2007.

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