

Interactive comment on “Applicability of condensation particle counters to measure atmospheric clusters” by M. Sipilä et al.

Anonymous Referee #2

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This paper describes a novel approach to nano-cluster and sub-3nm particle detection by application of a modified ultrafine cpc and an expansion type cpc. This is, according to my knowledge, the first time when sub-3nm particles have been reliably detected in field measurements by condensation techniques. Authors have used two independent and very different instruments to measure the concentrations of neutral molecular clusters, which makes the results very convincing and sheds light into the atmospheric nucleation processes. Since the instrumental techniques described here are more or less available also for other research groups the methods presented in this paper would be of great importance for a larger audience. Paper is well organized and written and should be published in Atmospheric Chemistry and Physics.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 4373, 2008.

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Interactive Discussion

Discussion Paper

