

Peer-reviewed publications and papers in open discussion

2020:

[68] He, X.-C., Iyer, S., Sipilä, M., Ylisirniö, A., Peltola, M., Kontkanen, J., Baalbaki, R., Simon, M., **Kürten, A.**, Tham, Y. J., Pesonen, J., Ahonen, L. R., Amanatidis, S., Amorim, A., Baccarini, A., Beck, L., Bianchi, F., Brilke, S., Chen, D., Chiu, R., Curtius, J., Dada, L., Dias, A., Dommen, J., Donahue, N. M., Duplissy, J., El Haddad, I., Finkenzeller, H., Fischer, L., Heinritzi, M., Hofbauer, V., Kangasluoma, J., Kim, C., Koenig, T. K., Kubečka, J., Kvashnin, A., Lamkaddam, H., Lee, C. P., Leiminger, M., Li, Z., Makhmutov, V., Xiao, M., Marten, R., Nie, W., Onnela, A., Partoll, E., Petäjä, T., Salo, V.-T., Schuchmann, S., Steiner, G., Stolzenburg, D., Stozhkov, Y., Tauber, C., Tomé, A., Väisänen, O., Vazquez-Pufleau, M., Volkamer, R., Wagner, A. C., Wang, M., Wang, Y., Wimmer, D., Winkler, P. M., Worsnop, D. R., Wu, Y., Yan, C., Ye, Q., Lehtinen, K., Nieminen, T., Manninen, H. E., Rissanen, M., Schobesberger, S., Lehtipalo, K., Baltensperger, U., Hansel, A., Kerminen, V.-M., Flagan, R. C., Kirkby, J., Kurtén, T., and Kulmala, M.: Determination of the collision rate coefficient between charged iodine acid clusters and iodine acid using the appearance time method, *Aerosol Science and Technology*, DOI: [10.1080/02786826.2020.1839013](https://doi.org/10.1080/02786826.2020.1839013), 2020.

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- [13] Kürten, A.: The CLOUD Experiment at CERN: Investigating Atmospheric New Particle Formation, *Symposium on Size Selected Clusters*, Davos, Switzerland, February 24, 2020.
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- [11] Kürten, A., and McMurry, P. H.: Nucleation of sulfuric acid and dimethylamine: Results from the CLOUD experiment and possible atmospheric implications, *European Aerosol Conference*, Zürich, Switzerland, August 29, 2017.
- [10] Kürten, A., *et al.*: Observation of new particle formation at a rural site in central Germany, *European Aerosol Conference*, Milan, Italy, September 9, 2015.
- [9] Kürten, A., and the CLOUD collaboration: The CLOUD Experiment at CERN: Neutral and Ion-induced Nucleation at free Tropospheric Conditions, invited talk, *Nordic Physics Days*, Trondheim, Norway, June 10, 2015.
- [8] Kürten, A., and the CLOUD collaboration: Molecular Measurement of Neutral Clusters During Sulfuric Acid-Dimethylamine New Particle Formation, *International Aerosol Conference*, Busan, Korea, September 2, 2014.
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- [6] Kürten, A., and the CLOUD collaboration: The CLOUD experiment at CERN: Investigating Ion-Induced Nucleation, invited talk, *MPGC lecture cycle at MPI Mainz*, Mainz, Germany, June 19, 2013.
- [5] Kürten, A., and the CLOUD collaboration: Application of Chemical Ionization Mass Spectrometry at the CERN CLOUD chamber, invited talk, *Seminar talk at Innsbruck University*, Innsbruck, Austria, April 10, 2013.
- [4] Kürten, A., and the CLOUD collaboration: Latest Results from CLOUD, invited talk, *ISSI workshop*, Bern, Switzerland, June 14/15, 2012.
- [3] Kürten, A., and the CLOUD collaboration: The CLOUD experiment at CERN, invited talk, *Technical University (TU) Darmstadt*, Darmstadt, Germany, December 9, 2011.
- [2] Kürten, A., and the CLOUD collaboration: The CLOUD Experiment at CERN: Investigating New Particle Formation, invited talk, *GRK Seminar*, Mainz, Germany, October 18, 2011.
- [1] Kürten, A.: Das Aerosol-Ionenfallen-Massenspektrometer: Ein neuartiges Instrument zur chemischen Analyse von Aerosolpartikeln, invited talk during the award ceremony for the “Wolfgang-Paul-Promotionspreis”, *41. DGMS-Tagung*, Gießen, Germany, March 5, 2008.