

## Karoliina Ignatius

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### **Karoliina Ignatius, M.Sc.**

PhD Student, CLOUD-TRAIN Early-Stage Researcher

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Tropospheric Research

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**Room:** 1.05 (Building 23.5)

### **Department:**

Experimental Aerosol and Cloud Microphysics

### **Workgroup:**

Cloud Workgroup

### **Research areas & research interests:**

- Ice nucleation: experimental studies and modelling
- Cloud microphysics and aerosol-cloud interactions
- Statistical analyses and uncertainty estimation

### **Short CV**

2007-2010 Undergraduate studies in Mathematics, Astronomy and Latin at  
the University of Helsinki, Finland

2010 B.Sc. in Mathematics

2010-2012 Studies in Church Music at Sibelius Academy, Finland

2010-2013 Master's Degree Programme in Atmosphere-Biosphere Studies,  
University of Helsinki, Finland

2013 M.Sc. in Physics  
Thesis title: *Building a theory for heterogeneous ice nucleation*

2013 - PhD student at Leibniz Institute for Tropospheric Research  
(TROPOS), Germany

**Publications:**

Henning, S., Dieckmann, K., **Ignatius, K.**, Schäfer, M., Zedler, P., Harris, E., Sinha, B., van Pinxteren, D., Mertes, S., Birmili, W., Merkel, M., Wu, Z., Wiedensohler, A., Wex, H., Herrmann, H., and Stratmann, F. (2013): Influence of cloud processing on CCN activation behaviour in the Thuringian Forest, Germany during HCCT-2010, *Atmos. Chem. Phys. Discuss.*, 14, 1617-1645, doi:10.5194/acpd-14-1617-2014, 2014.

Augustin, S., Wex, H., Niedermeier, D., Pummer, B., Grothe, H., Hartmann, S., Tomsche, L., Clauss, T., Voigtlaender, J., **Ignatius, K.** and Stratmann, F. (2013): Immersion freezing of birch pollen washing water, *Atmos. Chem. Phys.*, 13, 10989-11003, 10.5194/acp-13-10989-2013.

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