

**Personal  
Details**

Name: Tinja Olenius  
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**Current  
Position**

Research scientist, Stockholm University, Department of Environmental Science and Analytical Chemistry (ACES) & Bolin Centre for Climate Research

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**Education**

2015 Doctor of Philosophy, University of Helsinki  
Thesis: Cluster population simulations as a tool to probe particle formation mechanisms  
2011 Master of Science, University of Helsinki  
2010 Bachelor of Science, University of Helsinki  

- Major: Physics
- Minors: Theoretical physics, astronomy

**Professional  
Experience**

**Stockholm University, Department of Environmental Science and Analytical Chemistry (ACES) & Bolin Centre for Climate Research**

2017- Research scientist, Atmospheric Science Unit  
2015-2017 Post Doctoral Fellow, Atmospheric Science Unit

**University of Helsinki, Department of Physics**

2011-2015 PhD student, Computational aerosol physics group, Division of Atmospheric Sciences  
2011 Research assistant, Computational aerosol physics group, Division of Atmospheric Sciences

<b>Research funding</b>	2018-2019	Project <i>Robust modeling tools for exhaust gas cleaning through gas-to-particle conversion</i> , the ÅForsk Foundation, 488 kSEK (ca. 47 k€)
	2012-	Smaller travel grants of a total of ca. 3 k€

**Publications**      **Peer-reviewed papers in international journals**

- Total 26 research papers
- 8 first-author, 8 second-author, and 1 last-author paper
- *h*-index 12, total >650 citations excluding self-citations (ISI, April 2018)

**Book chapters**

- 1 first-author book chapter (In: *Physical Chemistry of Gas–Liquid Interfaces*, Elsevier, 2018)

**Conference Presentations and Seminars**      **Presentations in conferences and workshops**

- 8 platform presentations
- 11 poster presentations

including presentations in European Aerosol Conference (EAC), International Aerosol Conference (IAC), American Association for Aerosol Research (AAAR) Annual Conference, International Conference on Nucleation and Atmospheric Aerosols (ICNAA), Faraday Discussion, Nordic Society for Aerosol Research (NOSA) Aerosol Symposium

- Invited talk at International Aerosol Modeling Algorithms (IAMA) conference 2017

**Reviewing Activities**      **Reviewer for journals**

- Atmospheric Chemistry and Physics (2016, 2017, 2018)
- Environmental Science & Technology (2013, 2018)
- Journal of Aerosol Science (2014)
- Journal of Geophysical Research: Atmospheres (2018)
- Journal of Physical Chemistry A (2014, 2017)
- Nature Communications (2018)
- Physical Chemistry Chemical Physics (2015)

**Teaching  
Experience****Organizing and teaching calculus and problem solving classes**

- 2017-2018     Modeling in Environmental Science, Stockholm University, Department of Environmental Science and Analytical Chemistry, computer exercises, 32 h
- 2014            Formation and Growth of Atmospheric Aerosols, University of Helsinki, Department of Physics, calculus exercises, 20 h
- 2011-2013     Thermal Physics, University of Helsinki, Department of Physics, calculus exercises, 90 h

**Lecturing**

- 2017-2018     Modeling in Environmental Science, Stockholm University, Department of Environmental Science and Analytical Chemistry, 4 h
- 2011-2013     Thermal Physics, University of Helsinki, Department of Physics, substitute lectures, 9 h

**Supervising  
Experience****Advisor for**

- 3 bachelor theses (Paula Hietala 2016, Roope Halonen 2015, Matti Ala-Lahti 2014)
- 1 post doctoral researcher (Dr. Jenni Kontkanen 2017)