

# Short Curriculum Vitae, Jakob Löndahl (August 2018)

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## Education

- 2009 **Ph.D. in engineering physics, aerosol science, Lund University**  
“*Experimental determination of the deposition of aerosol particles in the human respiratory tract*”  
Date of dissertation: 27<sup>th</sup> Feb 2009 (finished more than one year before due date)  
Main supervisor: Prof. Erik Swietlicki
- 2004 **M. Sc. in engineering physics, Lund University**
- 1999 **Military service, second lieutenant in the Swedish army**  
Grades: demeanour 10, knowledge 9, suitability for service 9 (scale 1-10)
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## Employments

- 2013- **Senior lecturer/Associate professor** (sv. universitetslektor, docent March 2015) in aerosol technology, div. of Ergonomics and Aerosol Technology, Lund University (LTH)
- 2012-2013 **Postdoc** at Div of Ergonomics and Aerosol Technology, Lund University (LTH)
- 2011 **Postdoc** at McGill University (Montreal, Canada, 6 months) and NERI (National Environmental Research Institute, Aarhus University, Denmark, 6 months).
- 2009-2010 **Project leader (researcher)**, Div. Nuclear Physics, Lund University.
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## Parental leave

- 2007-2018 **Four children aged 2-10 yrs. Parental leave for in total three years (38 full months).**
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## Awards

- Lund University Innovation Prize 2017.** Personal award of 35000 SEK (€3500).
- Sten K Johnson scholarship 2014 and 2016:** A personal scholarship of 120 000 SEK (about €13 000) and 150 000 SEK (€16 000) shared with prof. Per Wollmer for new diagnostic method for pulmonary emphysema.
- “Best” doctoral thesis at Lund Institute of Technology:** Personal award of 100 000 SEK
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## Other

- Supervision **Main supervisor for four Ph.D. students:** M.Sc. Jonas Jakobsson 2014-, M.Sc. Malin Alsved 2015-, M.Sc. Madeleine Petersson Sjögren 2018-, M.Sc. Veronica Ideböhn 2018-  
**Co-supervisor for three Ph.D. students:**, Ala Muala, physician, Umeå University, PhD 5<sup>th</sup> June 2014, Laura AAltonen, MD (ST-läkare), Lund University, PhD student 2014-, Hussam Bashir, M.Sc., KTH, Royal Institute of Technology, PhD student 2015-16
- CEO CEO and founder (together with Prof./MD Per Wollmer) of the company “JP Respiratory Technology AB”.
- Grants as PI (2014-) The Swedish Research Council FORMAS, 2991 kSEK, 2018-2020 / LU innovation, 197 kkr, 2018 / The Swedish Research Council FORTE, 4930 kSEK, 2018-2021 / The Swedish Heart and Lund Foundation, 900 kSEK, 2018-2020 / The Swedish Research Council FORMAS 3943 kSEK 2015-2017 / The Swedish Energy Agency, 2000 kSEK, 2016-2017 / The Swedish Research Council (VR), 3200 kSEK, 2011-2015 / The Swedish Energy Agency, 1600 kSEK 2014-2016 / Vinnova 750 kSEK, 2013-2014 / Crafoordska stiftelsen, 300 kSEK, 2014
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## Publication summary

**Summary:** 40 peer reviewed original articles in international scientific journals (8 as first author, 10 as last), 144 abstracts on international conferences, 4 chapters in books or reports, 1 patent, >40 national or international popular science articles.

**In total 68 talks:** 29 invited research seminars or keynotes, 11 invited popular science talks, 23 oral presentations at international scientific conferences, 5 times invited lecturer at PhD courses outside Sweden.