

Short Curriculum Vitae, Jakob Löndahl, (March 2017)

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: 27th 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)
- 1998-2006 Courses in addition to those included in M.Sc. or Ph.D. education: Organic chemistry (15 ETCS-points), Theology (32 ETCS-points), CBRN defence (15 ETCS-points)
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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

- 2007-2016 **Four children aged 2-10 yrs. Parental leave for in total three years (36 full months).**
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Awards

Lund University Innovation Prize 2017. Personal award of 35000 SEK (€3500).

Finalist in “Inission Innovation Award”. One of three finalists among around 200 reporting interest.

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: After a three step nomination procedure (division, department, institute) I received an award of 100 000 SEK (about €10 000) sponsored by Sparbanksstiftelsen Färs&Frosta for best doctoral thesis during the past year.

Atomium culture: In 2009 the European Parliament gave the “top 1%” of all young researchers an opportunity to be published in major newspapers in the EU-countries (through the platform “Atomium Culture”).

Other

- Supervision **Main supervisor for two Ph.D. students:** Jonas Jakobsson, M.Sc., Lund University, PhD student 2014-, Malin Alsved, M.Sc., Lund University, PhD student 2015-
- Co-supervisor for three Ph.D. students:**, Ala Muala, physician, Umeå University, PhD 5th 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”.
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Publication summary

Summary: 33 peer reviewed original articles in international scientific journals, 124 abstracts on international conferences, 4 chapters in books or reports, 1 patent, >40 national or international popular science articles.

In total 62 talks: 25 invited research seminars or keynotes, 11 invited popular science talks and 22 oral presentations at international scientific conferences, 4 invited lectures at PhD courses outside Sweden.