

# Curriculum vitae – CV

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**Name:** Per Johan Augustsson  
**Title:** Teknologie Doktor  
**Date of birth:** April 17, 1979  
**Nationality:** Swedish  
**Family:** Wife and two children  
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## 1. Higher education

- 2006, MSc Engineering Physics, Lund University, Sweden
- 2002-2003, Musician training program, The Royal Danish Academy of Music, Denmark

## 2. PhD Degree

2011, Electrical Measurements, Lund University, Sweden. Thesis title: "On microchannel acoustophoresis – Experimental considerations and life science applications". Supervisor: Thomas Laurell.

## 3. Postdoc

2013-2015, Postdoctoral Fellow at Massachusetts Institute of Technology, Cambridge, MA, USA. Funded by the Swedish Research Council and supported by the Birgit and Hellmuth Hertz' Foundation.

## 4. Qualification as Docent in Biomedical engineering at Lund University since 2017

## 5. Current Positions

- Assistant Professor (Universitetslektor), Department of Biomedical Engineering, Lund University, Sweden. 2017 – present

## 6. Previous Positions

- Product manager at AcouSort AB, 2015 – 2018
- Project assistant, Department of Electrical Measurements, Lund University, Sweden. 2006-2007, 100% research
- PhD position, Department of Measurement Technology and Industrial Electrical Engineering, Lund University, Sweden. 2007-2011, 80% research, 20% teaching
- Researcher, Department of Measurement Technology and Industrial Electrical Engineering, Lund University, Sweden. 2012-2013, 100% research
- Consulting in research and development of medical device, part time, 2013 – 2015
- Postdoctoral Fellow at Massachusetts Institute of Technology, Cambridge, MA, USA. Employed by Lund University, Sweden, 2014-2015
- Researcher, Department of Biomedical Engineering, Lund University, Sweden. 2016 – 2017

## 7. Deducted time

- Parental leave: September-December 2013 (4 months, 100%)
- Parental leave: November 2017 – March 2018 (80%)

## 8. Advisor/Supervisor experience

- Scientific Advisor for AcouSort AB, 2015 – present
- Main supervisor of 1 PhD student and co-supervisor of 4 PhD students
- Main supervisor of 8 MSc students and co-supervisor of 4 MSc students
- Main supervisor of 1 BSc student
- Supervisor of > 10 shorter student projects at Lund University

## 9. Publications

- 25 Peer reviewed original articles
- +20 Peer reviewed conference proceedings
- 1 Peer reviewed tutorial review
- 2 Book chapters

## ISI Citation report (2020-01-22)

- Sum of the Times Cited: 1263
- Citing Articles: 664
- Average Citations per Item: 50.52
- h-index: 17

## 10. Awards

1. PhD-thesis of the year 2011 at the Faculty of Engineering, Lund University, Sweden. Award sum: 100,000 SEK from Sparbanksstiftelsen Färs och Frosta.
2. The Phabian Award – Honorary award for best PhD-thesis in pharmaceutical and bioanalytical research in the period May 2011 and April 2013. Apotekarsocieteten, Sweden.
3. Invar Carlsson Award 2017, for postdocs returning to Sweden from abroad. Award sum: 60,000 SEK personal grant and 4M SEK research funds. The Swedish Foundation for Strategic Research, Sweden
4. ERC starting grant 2019 (ABODYFORCE), 2M EUR.

## 11. Invited talks

1. Invited speaker at the conference Acoustofluidics 2016, Kongens Lyngby, Denmark, Title: Iso-acoustophoresis
2. Invited speaker at the 2017 IEEE International Ultrasonics Symposium, Washington, DC, USA, Title: Shaping Acoustofluidic Landscapes to Profile and Separate Cells and Sub-micron Particles (September 2017)
3. Invited speaker at the Microfluidics congress 2017, London, UK, Title: Iso-acoustic focusing organizes cells and liquids based on their acoustic properties (December 2017)

## 12. Assessment of others' work:

1. Committee member at PhD defense: LIU, 2018-04-13 and Chalmers 2019-06-29
2. Committee member at half time control: LU, 2018-02-08
3. Examiner for 3 Master's thesis students
4. Observer at the Nobel Symposium in Microfluidics, June 5-8, 2017.
5. Peer reviewer for: Nature Physics, Physical Review Letters, Small, Lab on a Chip, Analytical Chemistry, PLOS ONE, Microfluidics and Nanofluidics, Physical Review Fluids, RCS Advances

## 13. Teacher experience

1. Course coordinator and examiner for Introduction to Microfluidics and Lab-on-a-chip Systems, EEMN21, Lund University
2. Lecturer, EEMN10, ESSF10 and EEMN15, Lund University

## 14. Academic funds acquired externally – Total: 32,636,985 SEK

- ERC starting grant (ABODYFORCE), 20,000,000 SEK, 2019-2024
- Eurostars, 1,000,000 SEK, 2019-2022
- Wenner-Green foundation, 330,000 SEK, 2019-2020
- Crafoord foundation, 300,000 SEK, 2018-2019
- SSF Ingvar Carlsson Award 2017, 4,000,000 SEK, 2017-2021
- LU innovation Exploratory pre-seed grant, 340,000 SEK, 2017-2018
- VR Starting grant (2016-04836), 3,450,000 SEK, 4 years, 2017-2020
- Sten K. Johnssons foundation, 150,000 SEK, 1 project, 2015
- VR international postdoc grant (350-2012-6708), 2,100,000 SEK, 2 years, 2013-2014
- Royal physiographic society, 413,524 SEK, 3 projects, 2007-2015
- Equipment and travels grants before 2012, 553,461 SEK

## 15. Patents: 2 granted patents, 2 active applications, 3 inactive applications