

## Curriculum vitae: LENNART SVENSSON

### Education

- Sept. 1999 – Dec. 2004      Ph.D. (Teknologie Doktor), Signal Processing, Chalmers University of Technology, Göteborg, Sweden  
Thesis title: Bayesian inference with unknown noise covariance,  
Supervisor: Professor Mats Viberg
- Sept. 1995 – March 1999      M.Sc. (Civilingenjör), Electrical Engineering, Chalmers University of Technology, Göteborg, Sweden

### Docent level

Reached the docent level in December 2010.

### Academic Appointments

- Dec. 2016 –                      Professor in Signal Processing, Dept. of Electrical Engineering, Chalmers University of Technology, Göteborg, Sweden
- May 2005 – Nov. 2016      Assistant and later Associate Professor in Signal Processing, Dept. of Signals and Systems, Chalmers University of Technology, Göteborg, Sweden
- Sept. 1999 – Dec. 2004      Doctoral student in Signal Processing, Dept. of Signals and Systems, Chalmers University of Technology, Göteborg, Sweden

### Graduated PhD students

Main supervisor of Abu Sajana Rahmathullah (2016), Maryam Fatemi (2016), Malin Lundgren (2015), Daniel Svensson (2010), Lars Hammarstrand (formerly Danielsson) (2010) and Fredrik Sandblom (2011) and co-supervisor of Marco Guerriero (2009) and Joakim Sörstedt (formerly Gunnarsson) (2007).

### Current PhD students

Main supervisor of Anders Karlsson, Samuel Scheidegger, Dapeng Liu and Juliano Laganá. Co-supervisor of Erik Stenborg (with Lars Hammarstrand) and Luca Caltagirone (with Mattias Wahde).

### Networks in academia (selected)

Sweden: Uu (Thomas Schön, Fredrik Lindsten), LiTH (Fredrik Gustafsson), USA: UConn (Peter Willett, Yaakov Bar-Shalom), UK: Univ. of Liverpool (A.F. García-Fernández), Finland: Aalto University (Simo Särkkä).

### Miscellaneous

- Senior member of IEEE from 2010.
- Associate Editor (AE) for IEEE Signal Processing Letters and active reviewer for leading journals.
- In 2015, received both Chalmers' annual pedagogical award and the best lecturer award at the program of Automation/Mechatronics. Twice nominated as the supervisor of the year (for PhD students).
- Achieved best paper awards at the 13th and 20th International Conferences on Information Fusion, 2010 and 2017, and second best paper award at the 12th International Conference on Information Fusion, 2009.
- Teaches PhD-courses in deep learning, probabilistic graphical models, reinforcement learning, target tracking, nonlinear filtering and Bayesian statistics.
- Has published extensively in top-tier signal processing journals and conferences.
- Has served as opponent/external reviewer of several Ph.D. and licentiate theses.