

CURRICULUM VITAE

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DEGREES

2009 Licentiate of Philosophy in Mathematical Statistics, University of Gothenburg, Sweden.
2006 Master of Science in Mathematics, University of Gothenburg, Sweden.

EDUCATION

University of Gothenburg and Chalmers University of Technology, Sweden, 09/2006-6/2011(?)
Ph.D. student in Mathematical Statistics. Supervisor: Professor Olle Häggström.
University of Gothenburg, Sweden, 09/2001-05/2006
Master program in Mathematics. Master thesis supervisor: Professor Mats Andersson.
Universidad Autónoma de Madrid, Spain, 02/2004-06/2005
Studies in Mathematics, partially within the European Erasmus-exchange program.
Östrabo Upper Secondary School, Sweden, 08/1998-06/2001
Upper Secondary education, Natural Science program with Mathematics and Physics profile.

TEACHING EXPERIENCE

I started my teaching career in 2005, and have since then had the chance to treat several different topics within mathematics. I been enrolled with courses at undergraduate and master level at both Chalmers and the University of Gothenburg. Teaching language have sometimes been English, and other times Swedish. Several courses have had Matlab projects (or similar) as a part of the course.

For two consecutive years I gave courses as main lecturer, with full responsibility from course planing to examination. The themes of the courses were probability theory, and mathematical statistics. Other courses taught has been as Teaching Assistant. To improve my understanding of learning, I am currently following a course in pedagogy.

Courses taught includes: Calculus, Linear algebra, Probability theory, Mathematical statistics, Mathematical statistics and data analysis, Stochastic processes, and Stochastic calculus.

COMMISSIONS

Statistics Consulting Center at Mathematical Sciences, Chalmers and University of Gothenburg
I participated as a statistics consultant at the department for a year and a half. As a consultant I met with, and advised clients who sought advice in statistical questions. We advised clients in anything from experimental design, statistical analysis and interpretation of outcome, as well as we performed statistical analysis and critically reviewed scientific manuscripts. Clients typically came from other disciplines within the academy, but also from industry.
Department council at Mathematical Sciences, Chalmers and University of Gothenburg
I took part as an ordinary member representing the departments Ph.D. students, during a two-year period.

PUBLICATIONS

See separate document. Completed manuscripts are available on the web page given above.

SEMINARS

- Jan. 19, 2011** *An easy proof of the BKS theorem for biased product measure*, IMPA, Brazil.
Feb. 18, 2009 *Asymptotics of first-passage percolation on 1-dimensional graphs*, IMPA, Brazil.
Jan. 14, 2009 *Asymptotics of first-passage percolation on 1-dimensional graphs*, Chalmers and University of Gothenburg, Sweden.
May 4, 2006 *Some variants of the Max Nöther and Macaulay theorems*, Chalmers and University of Gothenburg, Sweden.

CONFERENCES, WORKSHOPS AND SUMMER SCHOOLS

- 2010** CMI summer school: *Probability and statistical physics in two and more dimensions*, & XIV Brazilian School of Probability, Jul. 12-Aug. 7, Búzios.
YEP VII at Eurandom, Mar. 7-13, Eindhoven.
2009 Workshop in Probability, Nov. 23-27, Gothenburg.
Winter conference in Mixed models, Mar. 9-12, Vålådalen.
2007 Stochastic Approaches to Evolution, May 26-30, Gothenburg.
2006 ICMP - International Congress on Mathematical Physics, Aug. 6-11, Rio de Janeiro.
Young Researchers Symposium, Aug. 5-6, Rio de Janeiro.
IMS Annual Meeting & X Brazilian School of Probability, Jul. 30-Aug. 4, Rio de Janeiro.
KAUS (Complex analysis without seniors), Feb. 3-5, 2006, Gothenburg.

LONGER RESEARCH VISITS

IMPA, Rio de Janeiro

Jan. 2-Mar. 18, 2007; Jan. 2-28, 2008; Jan. 15-Mar. 8, 2009; Sept. 1-Oct. 5, 2010; Jan. 2-21, 2011.

I have made several visits to IMPA with the purpose of research and study. The two last visit were dedicated to a joint project between Erik Broman (Chalmers), Simon Griffiths (IMPA), Robert Morris (IMPA) and myself.

LANGUAGES

- English** Fluent spoken and written.
German Moderate knowledge.
Portuguese Fluent spoken and written.
Spanish Fluent spoken and written.
Swedish Native language.