

Maik Görgens

Department of Mathematics, Uppsala University
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Curriculum vitae

Education

- 2008 – now **PhD student in Mathematical Statistics**, *Uppsala University*, Uppsala, Sweden.
Research is focused on topics in Gaussian random fields. Supervision by Ingemar Kaj and Svante Jansson.
- 2008 **Diploma in Mathematics with distinction**, *Friedrich Schiller University*, Jena, Germany.
- 2003 – 2008 **Studies in Mathematics**, *Friedrich Schiller University*, Jena.
focus on probability theory and minor subject database systems
- 2003 **University entrance diploma**, *Herder-Gymnasium*, Nordhausen, Germany.

Working Experience

- 2008 – now **Department of Mathematics, Uppsala University**, *Teaching Assistant and University teacher*.
Co-Lecturer in the course Analysis of Regression and Variance and teaching assistant in the courses Statistics for Engineers, Probability and Statistics, Inference Theory, Applied Statistics, and Transform Methods
- 2008 **Institute for Stochastic, FSU Jena**, *Teaching Assistant*.
Supervision of tutorials to the course Probability Theory for Computer Scientists
- 2006 – 2007 **IBM Deutschland Entwicklungen GmbH**, *Internship*, Böblingen, Germany.
Implementation of algorithms for time series analysis for the IBM DB2 Data Warehouse Edition
- 2006 **Institute for database systems, FSU Jena**, *Teaching Assistant*.
Supervision of lab practices to the lecture Database Application Development

Publications

- Maik Görgens. Tensor products of gaussian processes. Master's thesis, University of Jena, Germany, 2008. Supervised by Werner Linde.
- Maik Görgens. *Conditioning of Gaussian processes and a zero area Brownian bridge*. 2012. Submitted.
- Maik Görgens. *Inference in α -Brownian bridge based on Karhunen-Loève expansions*. 2014. Submitted.
- Maik Görgens and Ingemar Kaj. *Random ball models on bounded domains*. In preperation.

Attended conferences

18th European Young Statisticians Meeting, *Osijek, Croatia*, August 26 – 30, 2013.

16th INFORMS The Applied Probability Society Conference, *Stockholm, Sweden*, July 6 – 8, 2011.

I was also assistant to the local organizers with being responsible for the abstract handling and the program book.

9th German Open Conference on Probability and Statistics, *Leipzig, Germany*, March 2 – 5, 2010.

Languages

German (native), English (very good), Swedish (good)

Further merits

I am co-author of the following US Patents

- Ansgar Dorneich, Maik Goergens, and Andrzej Toroj, *Method, data processing program and computer program product for determining a periodic cycle of time series data*, US Patent Nb. 2009 / 0017758.
- Ansgar Dorneich, Maik Goergens, and Andrzej Toroj, *Method, data processing program and computer program product for time series analysis*, US Patent Nb. 2009 / 0018798.

I am IBM certified

- *Advanced Database Administrator*, DB2 Universal Database V8.1 for Linux, UNIX and Windows.
- *Application Developer*, DB2 Universal Database V8.1 Family.

Personal interests

Music, History, Programming