

CURRICULUM VITAE

Lennart Simonsson

Education

1991-1996:

MSc studies in mathematics at Linköping University, also followed the first year of the study programme in physics.

1996-2006:

PhD studies in Scientific Computing at the Department of Mathematics, Linköping University.

Supervisor: Lars Eldén

Dissertation: "*Subspace Computations via Matrix Decompositions and Geometric Optimization*"

The research was in numerical linear algebra on algorithms to compute subspaces associated to a matrix. This has many applications in e.g. statistics, one example is principal component analysis.

Employments

2008-2011: Research assistant at VTI (Swedish National Road and Transport Research Institute). The work consisted of collecting and performing statistical analysis of data related to traffic safety. This involved both "hard" data like frequency of traffic accidents, damages to persons and vehicles in traffic accidents and "soft" data like answers to questionnaires on attitudes to risky behaviour in traffic.

2012- : Researcher at SMHI.