

Curriculum Vitae for Johan Lööf

Name: Johan Lööf

Personal number: 790607-xxxx

Date of birth: 1979-06-07

Place of birth: Lidköping, Sweden

Married to Jenny in 2007

Two children, Oscar, 5 and Thea 2

A. Education

- Phd. In Product development, 4 June 2010, Chalmers University of Technology
- Lic. Eng in Product development, April 2007, Chalmers University of Technology
- MSc in Industrial Mathematics, 2005, University of Gothenburg

B. Professional experiences

- 20121001: Method specialist Geometry Assurance, GKN Aerospace Engine Systems Sweden
- 2011-201306: Project Leader NFFP5: Optimization of lifecycle robustness in early development phases
- 2007-20120930: Method specialist Geometry Assurance, Volvo Aero Corporation
- 2005-2010: Ph.D. student at Dept. of Product and Production development, Chalmers.
- 2004-08-16-2005-03-01: Researcher, Dept. of Product and Production development, Chalmers.

C. Commissions of trust

- 2007-2009 Member of the board of Graduate Student Union at Chalmers University of Technology (Doktorandsektionen)
- 2008 Treasurer of the Graduate Student Union at Chalmers University of Technology

D. Tutoring experience

- Lecturer in Geometry Assurance at GKN Aerospace Engine Systems Sweden
- Lecturer in CAD, Advanced CAD, Machine design, Basic Engineering methods
- Industrial supervisor of a PhD student
- Supervisor of two master thesis and two bachelor thesis

E. Publications

Thesis

- Lööf, Johan; Managing Geometrical Variation through Optimization and Visualization. Göteborg 2010; Chalmers University of Technology. (Doctoral thesis)
- Lööf, Johan; Managing Geometrical Variation in Complex Assemblies through Visualization and Tolerance Allocation. Göteborg 2007; Chalmers University of Technology. (Licentiate thesis)
- Hermansson, Tomas; Lööf, Johan: Allokering av symmetriska toleranser i komplexa sammansättningar. Göteborg : Chalmers University of Technology. (Preprint - Department of Mathematical Sciences, Chalmers University of Technology and Göteborg University, 2005)

Journal Articles

- Lööf, J., Söderberg, R., "Discrete Tolerance Allocation for Product Families". Accepted for publication in Journal of Engineering Optimization.

Book Chapters

- Lööf, J., Hermansson, T. and Söderberg, R., 2007, "An Efficient Solution to the Discrete Least-Cost Tolerance Allocation Problem With General Loss Functions", Models for Computer-Aided Tolerancing in Design and Manufacturing, J. K. Davidson, Springer, Dordrecht, The Netherlands 2007, pp. 115-124, ISBN 1-4020-5437-8.

Conference Proceedings

See following link for all publications.

<http://www.chalmers.se/ppd/SV/kontakter/personal/ovrig-personal/loof-johan>