

CV for Thomas Svensson

- Born** 9/12 1950 in Borås, Sweden
- Address** Boviksvägen 21, 504 93 Borås
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thomas.svensson@sinnenro.org
- Family** Married to Annica Svensson. We have three children: Peter (born 1976), Karin (born 1979) and Mikael (born 1983).
- Citizenship** Swedish
- Education** 1970, High school certificate, Bäckänggymnasiet, Borås.
1990, MSc, Mechanical Engineering, Chalmers University of Technology, Göteborg,
1996, PhD, Mathematical Statistics, Chalmers University of Technology.
- Positions** 1970-1978, various employments in industry.
1978-1986, metal turner and tool maker at AB Monsun-Tison in Borås.
1990-2001, testing and research engineer at the Mechanical department at the Swedish National testing and Research Institute (SP), Borås.
2001-2007, research engineer at Fraunhofer-Chalmers Research Center for Industrial Mathematics, Göteborg, Sweden.
2007-2013, research engineer at the Building&Mechanics department at the SP Technical Research Institute of Sweden, Borås.
2010-2013, adjunct professor at Mathematical Sciences at Chalmers University of Technology.
2014-, consultant at Thomas Svensson - Ingenjörstatistik
- Commissions** I was the chairman for the Swedish fatigue network UTMIS 2009-2014.
- I was a board member of the Industrial Statistics section of the Swedish Statistics association, 2006-2009.
- I have served as a referee of scientific papers for the journals *Extremes*, *Fatigue & Fracture of Engineering Materials & Structures*, *International Journal of Fatigue*, *Probabilistic Engineering Mechanics* and *Naval Research Logistics*.
- From 2007 I am a member of the editorial board of the journal: *Fatigue and Fracture of Engineering Materials and Structures*.

- Ten publications T. Svensson (1994) Fatigue testing with a discrete-time stochastic process, *Fatigue and Fracture of Engineering Materials and Structures*, 17, 6, pp. 727 - 736.
- T Svensson (1997) Prediction uncertainties at variable amplitude fatigue, *International Journal of Fatigue*, Vol. 19, suppl., pp. 295-302
- T Svensson, J de Maré (1999) Random features of the fatigue limit. *Extremes*, 2:2, pp. 165-176.
- T. Svensson (2002) Cumulative fatigue damage taking the threshold into account, *Fatigue and Fracture of Engineering Materials Structures*, Vol. 25, pp. 871-876.
- T. Svensson (2004) Complexity versus scatter in fatigue modelling, *Fatigue and Fracture of Engineering Materials and Structures*, Vol. 27, pp. 981-990.
- Pär Johannesson, Thomas Svensson, Jacques de Maré, Fatigue life prediction based on variable amplitude tests - methodology, *International Journal of Fatigue*, Vol. 27, pp. 954–965, 2005.
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- Thomas Svensson, Jacques de Maré (2008), On the choice of difference quotients for evaluating prediction intervals, *Measurement*, Vol. 41, pp. 755-762.
- Pär Johannesson, Thomas Svensson, Leif Samuelsson, Bo Bergman, and Jacques de Maré, Variation Mode and Effect Analysis: An Application to Fatigue Life Prediction, *Quality and Reliability Engineering International*, 2009.
- Johannesson, P., Bergman, B., Svensson, T., Arvidsson, M., Lönnqvist, Å., Barone, S., and de Maré, J. (2013): A Robustness Approach to Reliability. *Quality and Reliability Engineering International*, Vol. 29, pp. 17–32. DOI: 10.1002/qre.1294.