

Curriculum vitae, Anders Eriksson

Born May 16, 1953 in Västerås, Sweden. Married. Swedish citizen.

A. Education

MSc. degree (civ.eng.), KTH, 1976.

Dr. Techn. (PhD.), KTH, Steel structures, 1981.

'Docent', KTH, Steel structures, 1988.

Stockholm University: Business Economics, Numerical Analysis.

Academic Leadership programme, 2003–4.

B. Main employments

Assisting Professor for 'Civil Engineering, Computer Methods', 1982–88.

Lecturer at dept. Structural Engineering, 1988–92.

Professor in Structural Mechanics, 1992–present.

Head, Dept Structural Engineering, 1995/10–1998/12.

Executive deputy president, KTH, 1999–2007 (Internal structures and organization, national academic contacts)

Acting president, KTH, Aug–Nov 2007.

Part-time and temporary researcher at the Mid-Sweden University, National winter sports research center, 2011–present.

C. Main academic appointments

Faculty opponent four times, Sweden. First opponent once, Trondheim. Pre-opponent once, Tampere. Licentiate opponent three times. Committee member for > 30 Doctors. Evaluation of candidates for position as professors in Applied Mechanics, Narvik, 1993; in Materials Mechanics, Malmö, 2000; in Structural Mechanics, Chalmers, 2001; in Biomedical engineering, Linköping, 2003; in Biomechanics, Sundsvall, 2007, in ICT for modelling, simulation and cooperation, Trondheim 2008. Evaluation of two candidates for the promotion to professor, Lund 1999, 2001. Evaluation of candidates for position as assisting professor in Solid Mechanics, Skövde, 1998, and for positions as lecturer eleven times. Evaluation of candidates for the promotion to lecturer, Lund 2000, for a position as 'Forskarassistent' at Chalmers, 1999, and for the title of 'Docent' at Chalmers, 1995.

Member of the executive board of the Nordic Association for Computational Mechanics ('NoACM'), 2000–2008 (chairperson 2004–2008). Member of the board of the Swedish National Committee for Mechanics, 2005–2009. Member of the Advisory board for 'Computer Methods in Applied Mechanics and Engineering', since 1997, of the Editorial board for 'Computer and Structures' since 2011, and of the Editorial board of 'Computer and Experimental Simulations in Engineering and Science', since 2006. Frequent reviewer (≈ 20 per annum), for the above journals, and several others, but also for several international conferences.

Author of > 45 published/accepted peer-reviewed scientific papers, and > 50 peer-reviewed conference contributions, concerning numerical modeling of load-carrying natural and man-made structures, focussing on non-linearities, instabilities and dynamics.

D. Teaching etc.

a) Supervision

Main academic advisor for fourteen doctors and additionally fourteen licentiates within KTH. 'Co-referent' for PhD. thesis at ETH, Zürich, 2005–2007. Invitor and supervisor for nine international post-docs (or similar positions).

Advisor for a number of diploma works (> 150 students)

b) Courses

Initiator and responsible teacher for eight recurring graduate courses.

Initiator and responsible teacher for 14 undergraduate courses.

'Teacher of the year' award, S programme, KTH, 2009.

E. Other activities within KTH

Chairperson of local organization committee for NSCM–11, NSCM–17 and NSCM–23 (Nordic seminars for Computational Mechanics).

Project leader, and chairman for a large number of project groups, including the KTH IT council, the 'Kallsup' supercomputer project, and the student IT project.

Member of the governing board of PDC (Parallel computing centre), 1999–2005 (chairperson 2003–2005). Member of the governing board of KTH 1998.

Responsible for the preparations of the 'Science for Life' proposal, autumn 2007.

F. Selection of activities outside KTH

Leader and supervisor for research projects financed by BFR, Nutek, TFR, VR, the Johnsson foundation, the Swedish Road Administration, the Swedish Rail Administration, the Swedish Energy Authority, the European Space Agency, the Olympic Performance center, the Center for Sports research, etc.

Member of the board of 'Olympic performance center', 2006–2011.

Expert in evaluation of the FP7 proposals in 'Aeronautics' call, 2010.

Chairperson of evaluation committee, Education at Engineering Faculty, Helsinki 2011.

Member of the governing board of IM, Ltd. ('Institutet för Metallforskning AB'), 2002–2004, and of KIMAB, 2004–2010.

Member of steering group of the Femlab development (now: Comsol Multiphysics), Comsol AB, 1998–2001.
