

Curriculum Vitae for Christer Svensson

Born November 17, 1941 in Borås, Sweden.

University education

- 1970 Ph. D. (Teknologie doktor) at Chalmers University of Technology, Göteborg, Sweden, 1970. Thesis: "Contributions to MOS transistors and the photoplastic effect".
- 1965 M. Sc. (Civilingenjör) at Chalmers University of Technology, Göteborg, Sweden, 1965. Subject: Electronics.

Employments:

- 2008-1999 Professor emeritus at Linköping University.
- 1999 Sabbatical leave as visiting scientist at Circuit Research Laboratory, Intel Corp., Oregon, USA, Aug. 1999-Feb. 2000.
- 1987-2008 Professor (Professor) of the chair of Electronic Devices at Linköping University, Linköping, Sweden.
- 1984-1986 Professor (Extra professor) of Electronic Devices at Linköping University, Linköping, Sweden.
- 1978-1986 Associate professor (Universitetslektor) at Linköping University, Linköping, Sweden.
- 1973- Appointed docent in Solid State Electronics at Chalmers University of Technology, Göteborg, Sweden.
- 1973-1978 Research assistant (Forskarassistent) at Chalmers University of Technology, Göteborg, Sweden.
- 1972 Postdoc at Jet Propulsion Laboratories, Pasadena, California, July 1972-Jan 1973.
- 1965-1972 Teaching assistant at Chalmers University of Technology, Göteborg, Sweden.

Awards:

- 2004 Elected Fellow of The Institute of Electric and Electronics Engineers (USA).
- 2002 Elected member of Royal Swedish Academy of Sciences, 2002.
- 2001 Elected Senior Member, The Institute of Electric and Electronics Engineers (USA).
- 1991 Elected member of the Royal Academy of Engineering Sciences, 1991.
- 1989 Solid State Circuits Council 1988-89 best paper award for "High speed CMOS circuit technique", J Solid State Circ., Vol 24, p 754, 1989.

Teaching:

- 2000-2001 Participating in the development of the Socware research and development program at KTH, LiU and LU. Development and supervision of the Socware profile at the D, Y and NE programs at LiU. Development and responsibility for two new undergraduate courses in the Socware profile.
- 1980- Graduate education, courses and supervision. Produced 32 doctors (of which I supervised 26 myself). *Three of my own doctors left the department as professors at other departments/universities.* Initiation of and activity in the SSF research schools ECSEL (at LiU) and Intellect (nationwide).

1973-1995 Course development, profile development, profile supervision and teaching in the E, D and Y programs at Chalmers and LiU.

Professional assignments:

2003-2010 Member of Kollegium of Swedish Foundation for Strategic Research.
2001-2004 Member of Intel Microprocessor Research Center Advisory Board.
1999-2002 Voting member of the AdCom committee of IEEE Solid State Circuits Society.
1997-2010 Director of the board of Switchcore AB (publ.; 1997-2007), Optillion AB (1999-2005, chairman 2002-2003), Bluetronics AB (1999-2001), Wavebreaker AB (2004-2005) and Coresonic AB (2004-2010, chairman 2004-2007).
1997-1999 Member of Expert group for microelectronics within the Foundation for Strategic Research.
1996-1999 Associate editor for IEEE Journal of Solid State Circuits.
1995-1998 Member of the Swedish Research Council for Engineering Sciences (TFR).
1993-2000 Member of the board of the Technology Bridge Foundation in Linköping.
1990-1996 Vice dean of the technical faculty at Linköping University, Linköping, Sweden.

Various program committees, International Solid State Circuit Conference (ISSCC), European Solid State Circuit Conference (ESSCIRC), International Workshop on Power and Timing Modeling, Optimization and Simulation (PATMOS).

Leadership in research:

Lead a joint research center financed by the Foundation for Strategic Research with the participation of 4 chairs at two LiU departments, Strategic Integrated Electronic Systems Research (STRINGENT), with Electronic Devices (prof. Christer Svensson), Electronic Systems (prof. Lars Wanhammar), Computer Engineering (prof. Dake Liu) and Embedded Systems (prof. Zebo Peng).

Publications and patents:

About 180 papers published in international journals or conference proceedings.
About 8 patents.

Spinoff companies:

Cofounder of Varilab AB (1977), Sensistor AB (1981), SiCon AB (1984), ELSA AB (1994), SwitchCore AB (1997), Optillion AB (1999), Bluetronics AB (1999) and Coresonic (2004).