

Updated December, 2010

Dr. techn. Jørgen Staunstrup, R, Ph.D.

Curriculum Vitae

Personal information

Born on July 26, 1952 in Copenhagen, Denmark Married (since 1974) to Kirsten Staunstrup. Two children: Kolja born in 1978 and Kira 1981.

Honors

“Ridder af Dannebrog”, September 2010

Mogens Balslevs fond 1989 (500.000 Dkr.) and Jorck's fond 1994 (250.000 Dkr.)

Degrees

1975: Master of Science (“Naturvidenskabelig Embedseksamen”) in mathematics and computer science, Aarhus University 1971-1975.

1978: Ph. D. in Computer Science, University of Southern California, Los Angeles 1976-1978.

1994: Dr. techn., Technical University of Denmark.

Employment

1978-88: Assistant/Associate professor, Aarhus University

1988-99: Full professor, Technical University of Denmark

1997-99: Director of Thomas B. Thriges Center for Microinstruments

1999-2001: Head of hydroinformatics department, DHI Water & Environment

2001-2002: Deputy Director IT-BrancheForeningen

2003-2006: Head of Research, Associate Professor, IT University in Copenhagen

2006- Prorektor/Provost, IT University of Copenhagen

Guest employment

A/S Regnecentralen, Aarhus (7 months 1979-80). INRIA, Paris (1 month 1983). University of Washington, Seattle (10 months 1984-85 + 3 months 1987). Massachusetts Institute of Technology, Boston (1 month 1987+1 month 1989), University of Aarhus (2 weeks 2002).

Professional activities

- Chairman of the Danish Technical Research Council, STVF (1998 - 2000)
- Member of the Danish Technical Research Council (STVF) (1995 - 2000)
- Member of the board of DELTA (1996 – 1999)
- Member of the senate of the Technical University of Denmark. (“Konsistorium”) (1995 -1997)
- Member of the program committee for the European Unions 4th framework programme on information technology (ITC) (1994 - 1997)
- Member of the steering committee for the Swedish Research Program in computer science - STU/NUTEK (1988 - 1997)
- Participation in doctorate evaluation committees at Lund, Oslo, and Trondhjem univ.
- Participation in evaluation committees for full professorships at: Linköping, Luleaa, Uppsala, Aalborg, Oslo university, Chalmers (Göteborg), Tromsø Univ. and KTH (Stockholm)
- Member of the Danish Strategic Research Council (2004 - 2007)
- Member of the board and deputy chairman of “Spilakademiet” (Danish Academy for Computer Games) (2005 -)

- Founding member of FL1 (Research Management Group 1) (2006 -)
- Member of the board of Informatics Europe (2006 - 2010)
- Member of the board of the Alexandra Institute (2009 - 2010)

Major research grants

- Co-founder and principal investigator (together with Peter Møller-Nielsen):
 - Multiprocessor laboratory for experimenting with multi-algorithms. 1980 - 1986, total funding DKK 390.000,
 - VLSI laboratory, 1985 - 1988, total funding DKK 1.500.000
- Project leader of Formal Methods for Developing Application Specific Computing Systems, ``STVF rammeprogram" 1990-1992, total funding: DKK 6.600.000
- Project leader of Codesign, ``STVF rammeprogram" 1993 – 1997, annual funding DKK 2.- 3.000.000.
- Work package leader in COBRA, ESPRIT BRA, 1993-1996
- Director of Thomas B. Thriges Center for Microinstruments, 1997 – 2000, funding for 1997/98 DKK 5.000.000
- Project leader of Verification of Large State Transition Systems, 1998-2000, funding from Baan/VisualState and CIT
- Project leader of Jingling Genies: Services in Context, 2009 – 2013, Strategic Research Council, total funding 8,300.000 DKK. Extra funding (600.000 DKK) for associating SME's obtained in fall 2009

Start-ups etc.

1986 -1994: Co-owner of SMN Datalogi Aps.

1994 -1998: Chairman of the board of TAT Int. A/S

1998 - 2000: ST-datateknik, privately owned company, consulting for Danfoss A/S (Internet related patent), Baan Visual State A/S (concept guide), and EU commission (project evaluation).

2002 - 2009: Member of the board of CONNECT Denmark.

2001 - 2004: Member of the board of GlobaLog

2004 - 2007: Member of the board of the International Danish Entrepreneurship Academy (IDEA)

Research areas

Programming languages. Parallel and Embedded Computing. VLSI design. Hardware/software codesign.

Teaching

University courses: Multiprogramming. Algorithms and data structures. Verification tools and techniques.

Program specification. Multiprocessor algorithms. Data bases. Java for Mobile Applications.

Professional courses: Multiprogramming. Java. Concurrency.

Publications

Author and editor of 6 books. More than 50 refereed scientific publications.

Private interests

Dedicated tennis player. Has served on the board of the two tennis clubs where I have been a member. Tournament director for a number of tennis tournaments. Awarded "NTU's fortjenstnål" in 1987.