

# 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.

### 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  
2006-2015: Prorektor/Provost, IT University of Copenhagen  
2016-2020: Head of ITU Professional Courses  
2015- : Advisor/owner, staunstrups.dk  
2016- : External lecturer, IT University in Copenhagen  
2017- : Honorary Professor, IT University in Copenhagen

### Honors

"Ridder af Dannebrog", september 2010

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

### 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 Arhus (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), Tromsö 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 - 2011)
- Founding member of FL1 (Research Management Group 1) (2006 - 2013)
- Member of the board of Informatics Europe (2006 - 2010)
- Member of the board of the Alexandra Institute (2009 – 2010 and 2012 - 2015)
- Member of the Danish board of the Sino-Danish Research Center SDC (2010 - 2019)
- Member and vice chairman of ATV Helios (2010 - 2014)
- Member of steering board of VERDIKT (Norwegian IT research program) (2011 - 2014)
- Member of the advisory board of IKTPLUS (Norwegian IT research program) (2015 - 2017)
- Member of the board of IT Living Lab (2013 - 2019) from 2017 name change to Social Digital
- Member of the board of ITU Business Development (2014 - 2019)
- Chairman of the External Review Panel, Reykjavik University (2017 - 2019)
- Member of the board of It-vest (2019 - )

## 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: Mobile App Development (Android). Informatik for gymnasielærere.

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.