

CV for Christian Nyberg

Christian Nyberg was born in 1962. He is an Associate Professor at the Department of Communication Systems at Lund Institute of Technology, Lund, Sweden. His main research interests are overload control in telecommunications, performance of distributed systems, performance analysis of packet switched networks, software performance analysis, and performance analysis of software development processes.

Address

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Degrees and “docentkompetens”

- Docent in Communication Systems in December 2000.
- Doctor of Philosophy in Engineering at the Department of Communication Systems, Lund Institute of technology in December 1992. Title of thesis: “On Overload Control in Telecommunication systems”. Supervisors: Ulf Körner and Bengt Wallström.
- Licentiate of Engineering at the Department of Communication Systems, Lund Institute of technology in 1990.
- Master of Science in Computer Science and Engineering at Lund Institute of Technology in 1987.
- Bachelor of Science in Physics and Mathematics at Lund University in 1985

Employments and assignments

- Director of studies for the PhD education at the Department of Electrical and Information Technology
- Director of studies at the Department of Communication Systems, LTH, 2003-2007
- Associate Professor (50% research and 50% teaching), Department of Communication Systems, LTH, 1997- Now the department is called Dept. of Electrical and Information Technology after a merge with two other departments.
- Postdoctoral Fellow, Department of Communication Systems, LTH, 1996-1997
- Research Engineer, Department of Communication Systems, LTH, 1990-1996
- Ph.D. Student, Department of Communication Systems, LTH, 1996-1990
- Consultant in Software Engineering and Performance Analysis at Q-labs, Lund, Sweden, part-time, 1990-1995

Scientific activities

- Involved in Euro-NGI, Network of excellence funded by the European Union.
- Taken part in COST 290.
- Project manager for a project funded by TFR, “Performance of distributed control systems in Telecommunications”, 1998-2000.
- Project manager for a project funded by Vetenskapsrådet, “Overload Control of Distributed Web Servers”, 2002-2004.
- Workgroup manager for an ACTS project funded by the European Union, “Mariner”, 1999-2001.
- Project manager for three projects funded by NUTEK on overload control in Telecommunications, 1993-1998.
- Project manager for two projects on overload control funded by Ericsson Telecom, 1990-1996.
- Has been or is supervisor to six PhD students.

Teaching experience

Nyberg has been lecturer for courses on basic queuing theory, discrete event simulation, telecommunications, computer communications, advanced queuing theory and network modelling. He has also been lecturer in courses for PhD students on stochastic processes, queuing network theory and simulation. Presently he is Director of Studies at the Department of Communication Systems at Lund University.