

Curriculum Vitae for Anders Rantzer

Education

PhD in Optimization and Systems Theory (Supervisor Anders Lindquist), KTH, 1991
Degree of Licentiate in Mathematics (Supervisor Gunnar Sparr), LTH, Lund, 1989
Civilingenjör (M.Sc.Eng. in Engineering Physics), GPA 4.9 (5.0), LTH, Lund, 1987

Employments

Professor of the Chair of Automatic Control since 1999 at LTH, **Lund University**
Visiting associate faculty August 2004 - June 2005 at **Caltech, Pasadena, USA**
Docent in Automatic Control since 1995 at LTH, Lund University
Research associate 1993-1999 at Automatic Control LTH, Lund University
Postdoc 1992/93 at Institute for Mathematics and its Appl., **Univ. of Minnesota, USA**
Research associate 1992 at Div. of Optimization & Systems Theory, KTH, Stockholm
PhD student fellowship 1988-1991 at Div. of Opt. & Systems Theory, **KTH, Stockholm**
PhD student fellowship 1987-1988 at Dept. of Mathematics, LTH, Lund
Teaching assistant 1984-1985 at Dept. of Mathematics, LTH, Lund

Temporary appointments

Member of the Swedish Scientific Council for Natural and Engin. Sciences, since 2010
Director of the Linnaeus center LCCC at Lund University since 2008
Head of Department of Automatic Control LTH, Lund University 2003-2011
Chairman of project evaluation committee in the Swedish Research Council, 2004-2006

Editor assignments

Advisory board for Springer Lecture Notes in Control and Information Sciences, 2005-
Associate editor for *Systems and Control Letters*, Elsevier, 1995-2003
Associate editor for *European Journal of Control*, Hermes Science Publ., 1996-1999
Associate editor for *IEEE Transactions on Automatic Control*, IEEE, 1997-1999
Associate editor for *Int. Journal on Robust and Nonlinear Control*, Wiley, 2000-2001
Associate editor for *Mathematics of Control, Signals and Systems*, Springer, 1995-1996

International Organizations

Steering committee for *Int. Symp. on Mathematical Theory on Networks and Systems*
IEEE Fellow evaluator for the IEEE Control System Society
Member of the awards committee of the IFAC journal Automatica
Member of the IEEE CDC Student Paper Award selection committee
Member of the IFAC Technical Committee on Nonlinear Control Systems
Member of the IEEE CSS Technical Committee on Nonlinear Systems and Control
Member of administrative council of the European Union Control Association, 2003-2007
Board of Governors of *IEEE Control System Society*, 2000
Member of expert panel for evaluation of INTAS projects in Brussels, May 1997
Expert evaluator for research councils in Australia, Belgium, Norway, the Netherlands
Member of International Program Committee for numerous conferences

PhD dissertations with Rantzer as main supervisor

Aivar Sootla, 2012.

Erik Johannesson, 2011.

Oskar Nilsson, 2009, now with Schneider Electric.

Peter Alriksson, 2008, now with ST Ericsson.

Andreas Wernrud, 2008, now with the Swedish Defence Research Agency FOI.

Ather Gattami, 2007, after postdoc at MIT now research associate at KTH.

Henrik Sandberg, 2004, was postdoc at Caltech 2005-07, now lecturer at KTH.

Stefan Solyom, 2004, now with Volvo Cars.

Sven Hedlund, 2003, now with Cellavision AB.

Bo Lincoln, 2003, now with ST Ericsson.

Hubertus Tummescheit, 2002, now CEO of Modelon AB.

Lennart Andersson, 1999, now with Ericsson.

Mikael Johansson, 1999, postdoc at Stanford and Berkeley, now professor at KTH.

K. H. Johansson, 1997, was postdoc at Berkeley, now professor at KTH.

Ulf Jönsson, 1996, †2011, was postdoc at Caltech and MIT, later professor at KTH.

Postdocs hosted by Rantzer

Laurent Lessard, since 2011, PhD from Stanford University

Maxim Krystalny, since 2010, PhD from Technion, Israel

Georgios Chasparis, since 2010, PhD from Georgia Institute of Technology

Vladimeros Vladimerou, 2009-2010, PhD from Univeristy of Illinois, now at Toyota

Ahmed ElShaer, 2009-2010, PhD from UC Berkeley, now with Samsung

Kin Cheong Sou, 2008-2009, PhD from MIT, now postdoc at KTH

Georgios Kotsalis, 2007-2008, PhD from MIT, now postdoc at Georgia Tech

Yasushi Iwatani, 2004, PhD from Tokyo Inst. of Technology, now at Tohoku University

Chung-Yao Kao, 2002 - 2003, PhD from MIT, now at National Sun Yat-Sen Univ., Taiwan

Zhiyong Geng, 2000 - 2001, Beijing University

Pablo Parrilo, Aug-Sep 2000, PhD from Caltech, now professor at MIT

Andrej Ghulchak, 1998 - 2002, PhD from St. Petersburg State Univ., now lektor in Lund

Carolyn Beck, 1996, PhD from Caltech, now assoc. professor at Univ. of Illinois

Plenary lectures at international conferences

30th Chinese Control Conference, Yantai, China, 2011

Semi-plenary 47th IEEE Conference on Decision and Control, Cancun, Mexico 2008

SIAM Conference on Control and Its Applications, San Francisco, USA 2007

17th Int. Symp. on Mathematical Theory of Networks and Systems, Kyoto, Japan 2006

Semi-plenary European Control Conference 2003, Cambridge UK

SICE Annual Conference 2002 in Osaka, Japan

4th Russian-Swedish Control Conference, Moscow, Russia, 2001

20th Benelux Meeting on Systems and Control, Houffalize, Belgium, 2001

International Awards

Award for best article in IEE Proceedings - Control Theory & Applications, London 2006

Fellow of IEEE since 2001

Honorable Mention in the SIAM Activity Group on Linear Algebra Prize 1997

Winner of the IFAC Congress Young Author Price, San Francisco 1996

Winner of SIAM Student Paper Competition, Chicago 1990

Honorable Mention in SIAM Student Paper Competition, San Diego 1989

Awards at the International Physics Olympiad in Malente, Germany 1982 and the

Int. Mathematics Olympiads in Budapest 1982 and Washington DC 1981.