

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**
Taylor Family Distinguished Visiting Professor 2015/16 at **Univ. of Minnesota, USA**
Visiting associate faculty August 2004 - June 2005 at **Caltech, Pasadena, USA**
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

Appointments

Head of Department of Automatic Control LTH, Lund University 2003-2011, 2018-2023
Chairman of the Royal Physiographic Society of Lund, 2023
Director of the Linnaeus center LCCC at Lund University 2008-2018
Chairman of the Swedish Scientific Council for Natural and Engin. Sciences, 2013-2015
Member of the Swedish Scientific Council for Natural and Engin. Sciences, 2010-2015

International Assignments

General co-chairman for European Control Conference 2024
Member of European Research Council Advanced Grant Review Panel 2021 and 2023
Member of awards committee for IEEE Control Systems Field Award, 2017-2020
Chairman of selection committee for Fellows of Int. Fed. of Automatic Control, 2017-2020
Member of IEEE Fellow committee for the IEEE Control System Society, 2020-2021
Member of the awards committee of the IFAC journal Automatica
Chairman of the International Program Committee for European Control Conference 2016
Member of Editorial Board for Proceedings of the IEEE, 2018-2020
Member of Editorial Board for Annual Reviews in Control
Member of Advisory board for Springer Lecture Notes in Control and Info. Sci., 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

Awards

ERC Advanced Grant from the European Research Council, 2019
Elected member of the Royal Swedish Academy of Engineering Sciences, 2008
Award for best article in IEE Proceedings - Control Theory & Applications, London 2006
Fellow of IEEE since 2001
Winner of the IFAC Congress Young Author Price, San Francisco 1996
Winner of SIAM Student Paper Competition, Chicago 1990
Awards at the International Physics Olympiad in Malente, Germany 1982 and the
International Mathematics Olympiads in Budapest 1982 and Washington DC 1981.

PhD dissertations with the applicant as main supervisor

Olle Kjellqvist, 2024
Martin Heyden, 2021, later with Bosch
Taouba Jouini, 2021, now postdoc at Leibniz University of Hanover.
Carolina Bergeling, 2019, now assistant professor at Blekinge Institute of Technology.
Christian Grussler, 2017, now assistant professor at Technion, Haifa.
Fredrik Magnusson, 2016, now at Modelon AB.
Meike Rönn, 2016, then to Edinburgh, UK.
Daria Madjidian, 2014, postdoc at MIT, then at DNV GL.
Pontus Giselsson, 2012, postdoc at Stanford, then associate senior lecturer at Lund Univ.
Karl Mårtensson, 2012, then with Flir Systems AB.
Aivar Sootla, 2012, postdoc at University of Oxford, then Huawei in London
Erik Johannesson, 2011, then with McKinsey & Co.
Oskar Nilsson, 2009, now with Schneider Electric.
Peter Alriksson, 2008, later with Ericsson.
Andreas Wernrud, 2008, later with the Swedish Defence Research Agency FOI.
Ather Gattami, 2007, postdoc at MIT, now with SICS/RISE, Kista
Henrik Sandberg, 2004, was postdoc at Caltech 2005-07, now professor at KTH.
Stefan Solyom, 2004, later with Tesla Motors, Inc.
Sven Hedlund, 2003, later with Cellavision AB.
Bo Lincoln, 2003, later with Ericsson.
Hubertus Tummescheit, 2002, later CEO of Modelon AB.
Lennart Andersson, 1999, later with CG Drives & Automation.
Mikael Johansson, 1999, postdoc at Stanford and Berkeley, now professor at KTH.
K. H. Johansson, 1997, postdoc at Berkeley, now professor at KTH.
Ulf Jönsson, 1996, †2011, postdoc at Caltech and MIT, then professor at KTH.

Postdocs hosted by the applicant

Venkatraman Renganathan, 2021-24, PhD from UT Dallas, now ass. prof. at Cranfield Univ., UK
Ci Chen, 2020-21, PhD from NTU Singapore, now ass. prof at Guangdong Univ. of Tech., China
Pauline Kergus, 2019-21, PhD from Onera Toulouse, now researcher at CNRS, Toulouse, France
Zhiyong Sun, 2018-19, PhD from Australian Nat.Univ., now ass. prof. at Peking University, China
Kaoru Yamamoto, 2017-18, PhD U. of Cambridge, now assoc. prof. at Kyushu University, Japan
Richard Pates, since 2015, PhD from University of Cambridge
Michelle Chong, 2015-17, PhD from U. of Melbourne, now assist. prof. at TU Eindhoven
Giulia Giordano, 2016-17, PhD from University of Udine, now assist. prof. at TU Delft
Sei Zhen Khong, 2013-2014, PhD U. of Melbourne, now assoc. prof. at NSYS Univ, Taiwan
Magnus Perninge, 2013, PhD from KTH, now assoc. prof. at Linnaeus University
Laurent Lessard, 2011-12, PhD from Stanford, now assist. prof. at Northeastern Univ.
Maxim Kristalny, 2010-12, PhD from Technion, later assist. prof. at Technion, Israel
Georgios Chasparis, 2010-12, PhD from Georgia Tech, later researcher at Linz, Austria
Vladimeros Vladimerou, 2009-2010, PhD from Univeristy of Illinois, now at Toyota
Ahmed ElShaer, 2009-2010, PhD from UC Berkeley, later with Samsung
Kin Cheong Sou, 2008-2009, PhD from MIT, now assoc. prof. at NSYS Univ, Taiwan
Georgios Kotsalis, 2007-2008, PhD from MIT, later postdoc at Georgia Tech
Yasushi Iwatani, 2004, PhD from Tokyo IT, now assoc. prof. at Hirosaki Univ, Japan
Chung-Yao Kao, 2002 - 2003, PhD from MIT, now professor at NSYS Univ, Taiwan
Pablo Parrilo, Aug-Sep 2000, PhD from Caltech, now professor at MIT

Selected list of international plenary lectures

Plenary at 62nd IEEE Conference on Decision and Control, Singapore, 2023
Plenary lecture at 10th IFAC Symposium on Robust Control Design, Kyoto, Japan, 2022
Plenary lecture at 17th IEEE Conference on Control and Automation, Naples, Italy, 2022
Plenary at 38th Benelux Meeting on Systems and Control, Flanders, Belgium, 2019
Plenary lecture at European Control Conference, Linz, 2015
Semi-plenary Int. Symp. on Mathem. Theory of Networks and Systems, Groningen, 2014
Plenary at 30th Chinese Control Conference, Yantai, China, 2011
Semi-plenary 47th IEEE Conference on Decision and Control, Cancun, Mexico, 2008
Plenary at SIAM Conference on Control and Its Applications, San Francisco, USA, 2007
Plenary at Int. Symp. on Math. Theory of Networks and Systems, Kyoto, Japan, 2006
Semi-plenary European Control Conference, Cambridge, UK, 2003
Plenary at SICE Annual Conference in Osaka, Japan, 2002