Karl-Erik Årzén — Curriculum Vitae

Born: October 4, 1957
Citizenship: Swedish

Doctoral Degree

PhD in Automatic Control, Lund University, Nov 1987.

Qualification as Associate Professor/Docent

Docent in Automatic Control, Lund University, 1998

Current Position

- Professor at the Dept of Automatic Control, Lund University, since 2000.
- Time for research: 50%.
- LCCC faculty member since the start 2008.

Previous Positions

- Associate professor, Dept of Automatic Control, Lund University, 1998-2000
- Senior researcher, Dept of Automatic Control, Lund University, 1993-1998
- Research scientist (part-time), ABB Corporate Research, Lund, 1992-1995
- Research assistant, Dept of Automatic Control, Lund University, 1985-1993

Distinctions

- Receiver of the Dr Guido Carlo-Stella award in manufacturing automation from the World Batch Forum in 2006 for achievements in manufacturing automation and information structuring
- Elected member of the Royal Swedish Academy of Engineering Sciences (IVA), 2012

PhD Students awarded doctorates

- Mikael Johansson, 1999
- Charlotta Johnsson, 1999
- Johan Eker, 1999,
- Anton Cervin, 2004
- Rasmus Olsson, 2005
- Dan Henriksson, 2006
- Johan Åkesson, 2007

National and International Assignments of Importance

- Finance Vice Chair for IEEE Computer Society Technical Committee on Real-Time Systems, 2012- present
- Member of the Executive Committee of the IEEE Computer Society Technical Committee on Real-Time Systems, 2013-present
- Vice coordinator for the Lund part of ELLIIT – The Lund Linköping Strategic Research Area on IT and Mobile Communication, 2010 - present
- Member of the Strategic Management Board of the EMSIG Special Interest Group on Embedded Systems, 2012 – present

- Member of the steering committee for the International Conference on Cyber-Physical Systems (ICCPS) 2010 - present
- Member of the Executive Management Committee and of the Strategic Management Board of the EU/IST FP7 Network of Excellence ArtistDesign – Design of Embedded Systems, 2008 - 2011
- Leader of the Design for Adaptivity activity in the EU FP7 Network of Excellence ArtistDesign – Design of Embedded Systems, 2008 - 2011
- Leader of the cluster "Control for Embedded Systems" and member of the Strategic Management Board of EU/IST FP6 ARTIST2 Network of Excellence on Design of Embedded Systems 2004 – 2008
- Chairman of IEEE Control System Society Technical Committee on Real-Time Control, Computing and Signal Processing 1999 – 2002
- Vice chairman of IFAC Technical Committee on Real-Time Computing & Control 2002 – 2004
- Member of the board of the SSF/ARTES research network on real-time systems 2000 – 2004
- Member of the board of SNART (Swedish National Real-Time Association) 2001 – 2004
- Program director for SSF/IT national research program FLEXCON (Flexible Embedded Control Systems) 2003 – 2006
- Member of the management team of LUCAS: Center for Applied Software Research at Lund University 1999 – present
- Member of the Swedish Research Council's evaluation panel for Signals and Systems, 2012
- Associate Editor for Automatica, 1991-1997
- Associate Editor for Real-Time Systems, 2010 - present
- Area Editor for Leibniz Transactions on Embedded Systems, 2012 - present
- Program Chair for the Euromicro Conference on Real-Time Systems (ECRTS), 2011
- Program Chair for the Special Track on Cyber-Physical Systems, Real-Time Systems Symposium, 2011
- Program Co-Chair for IEEE Symp. on Industrial Embedded Systems, 2013
- Program Co-Chair for the Modelica Conference, 2014
- Co-Chair for the Fourth International Workshop on Feedback Control Implementation and Design in Computing Systems and Networks (FeBID) collocated with CPSWEEK, San Francisco, 2009
- Co-Chair for the Second Workshop on Adaptivity and Reconfigurability in Embedded Systems (APRES) collocated with Embedded Systems Week, Grenoble, 2009
- Co-Chair for the Workshop on Adaptive Resource Management (WARM) collocated with CPSWEEK, Stockholm, 2010
- Organizer of the Artist2 Workshop on Control for Embedded Systems, Lund, June 2005
- Organizer of the 2nd Artist2 Workshop on Control for Embedded Systems, Urbana-Champaign, May 2007
- Member of the IPC for numerous international conferences in the fields of real-time systems, embedded systems, and control e,g, RTSS, ECRTS, RTAS, ICCPS, and the Modelica Conference