

The 36th Chinese Control Conference

Plenary Speaker



Karl Johan Åström is Senior Professor at Lund University. He has broad interests of theory and applications of control, currently his research is focused on modeling, event based control and relay tuning. Åström received an MS in Engineering Physics in 1957 and a TeknL in 1960 from the Royal Institute of Technology in Stockholm (KTH). After graduating he worked for the IBM Nordic Laboratory in Stockholm and the IBM Research Laboratories in Yorktown Heights and San Jose. In 1965 he was appointed Professor to the Chair of Automatic Control at Lund Institute of Technology/Lund University, where he established a new department. From 2002-2009 he was Professor of Mechanical Engineering at University of California Santa Barbara. Åström has held many visiting appointments in Asia, Europe and USA. Åström is the author of many research articles and eight books; four of them: Introduction to Stochastic Control 1970, Computer Controlled Systems 1984 (with B. Wittenmark), Adaptive Control 1989 (with B.

Wittenmark) and Feedback Systems 2008 (with Richard M. Murray) are translated to Chinese. He holds three patents one of them with T. Hägglund has led to significant industrial production. His group has produced several computer tools for modeling and control system design. He is a member of the Royal Swedish Academy of Sciences, the Royal Swedish Academy of Engineering Sciences and a foreign member of the US National Academy of Engineering, the Russian Academy of Science and the Hungarian Academy of Science. Åström is a Fellow of IFAC, a Life Fellow of IEEE, and he has Erdős number 3. He has received many honors among them, six honorary doctors degrees, the 1985 Rufus Oldenburger Medal from ASME, the 1987 Quazza Medal from the IFAC, the 1990 IEEE Control Systems Award, the 1993 IEEE Medal of Honors. In 2003 he was inducted in the Process Control Hall of Fame.