

Bio-sketch of Prof Shaoyuan Li

Prof Shaoyuan Li received his PhD degree in Control Theory and Applications from Nankai University in 1997, and completed a post-doctoral research at Shanghai Jiao Tong University from 1997 to 2000. Since 2000, he joined the Department of Automation at Shanghai Jiao Tong University as a full Professor and PhD supervisor. Since 2004, he becomes the Head of Department. Prof Li was also a visiting scholar at National University of Singapore (Dec 2000-Jan 2001), Nanyang Technical University (Jan 2003-Mar 2003), the City University of Hong Kong (Jan 2005-Mar 2005) and The University of Melbourne (Aug 2010).

Prof Li's research covers model-predictive control, adaptive control, intelligent control and industrial applications. He has published over 200 papers in the above areas, including over 80 journal papers and 5 monographs. In particular, his book on "fuzzy predictive control of complex systems and application" is the first of the kind in China on fuzzy predictive control. He has been the Principal Investigator or Co-Investigator of over 20 projects funded by the National Natural Science Foundation of China, National '863' High-Tech Plan of the Ministry of Science and Technology, Natural Science Foundation of Shanghai Municipal Government, and other funding resources. He has won a number of distinguished awards and prizes for his significant research contributions, including the National Outstanding Young Scholar Award (top prize for outstanding young scientists in China), by National Natural Science Foundation of China, for the project on 'Predictive Control for Hybrid Systems', 2008.

Prof Li is one of the leading experts on Automation in China. He is the Deputy Director of Control Theory Committee of Chinese Association of Automation, Deputy Director of Uncertainty System Committee of Operations Research Society of China, IEEE Senior Member, Member of the Process Control Engineering Committee of Chinese Association of Automation, and General Secretary of the Shanghai Association of Automation. He organized or chaired a number of international conferences, including the IPC Secretary of the 4th World Congress of Intelligent Control and Automation in 2002 and 23rd China Control Conference in 2004, IPC Chair and General Chair of International Conference on Modeling, Identification and Control in 2008 and 2011, Organization Chair of the 2009 IEEE Conference on Control and Decision and China Control Conference. He serves as the Editor, Association Editor or member of Editorial Board of a number of international journals, including International Journal of System Control and Information Processing, International Journal of Modelling, Identification and Control, Asian Journal of Control, International Journal of Innovation Computing, Information and Control, Control Theory and Decision, Control and Decision, ACTA AUTOMATICA SINICA, and Control Engineering.