

Professor George W Irwin

George Irwin has a 1st class honours degree in Electrical & Electronic Engineering (1972), a PhD in Control Theory (1976) and a DSc (1998) from Queen's University of Belfast, UK. He has held a personal chair in Control Engineering at Queen's since 1989 and is currently Research Director of the Virtual Engineering Centre <http://www.vec.qub.ac.uk>.

Prof. Irwin has written over 300 research papers and 6 edited research books. His recent research has been on identification and control using neural networks, fuzzy neural systems, local model networks and controllers, as well as multivariate statistical process control for fault detection and isolation. Prizes awarded for journal papers include four IEE Premiums (1985, 1987, 1991, 1996), the Honeywell Prize from the Institute of Measurement and Control (1995), an award from the Czech Academy of Sciences (1997) and the Honeywell International Medal from the Institute of Measurement and Control, (2002). He holds held several Visiting/Honorary Professorships in China - Harbin Institute of Technology, Shanghai University and Shandong University (2005).

Prof. Irwin is a Chartered Engineer, a Fellow of the IEE, a Fellow of the IEEE, a Fellow of the Institute of Measurement and Control. In 2002 he was elected Fellow of the Royal Academy of Engineering and Member of the Royal Irish Academy.

Prof Irwin has worked on the Executive Committee of UKACC for 10 years and is the current Chair. He has wide experience on the International Programme and Organising Committees of many IFAC events, chaired the Technical Committee on Algorithms and Architectures for Real-time Control and is Deputy-Chair of the Technical Committee on Cognition and Control. He was Editor-in-Chief of the IFAC Journal of Control Engineering Practice (1998-2002), will Chair the incoming IFAC Publications Committee and serves on the IFAC Publications Management Board.