Bio-Info of Professor Hong Wang

Hong Wang (Fellows of IEEE, IET, InstMC, and AIAA received the master's and Ph.D. degrees from the Huazhong University of Science and Technology, Wuhan, China, in 1984 and 1987, respectively. He was a Research Fellow with Salford University, Salford, U.K., Brunel University, Uxbridge, U.K., and Southampton University, Southampton, U.K., before joining the University of Manchester Institute of Science and Technology (UMIST), Manchester, U.K., in 1992.

He was a Chair Professor in process control of complex industrial systems with the University of Manchester, U.K., from 2002 to 2016, where he was the Deputy Head of the Paper Science Department, the Director of the UMIST Control Systems Centre from 2004 to 2007, which is the birthplace of Modern Control Theory established in 1966. He was a University Senate member and a member of general assembly during his time in Manchester.

From 2016 to 2018, he was with the Pacific Northwest National Laboratory (PNNL), Richland, WA, USA, as a Laboratory Fellow and Chief Scientist, and was the Co-Leader and the Chief Scientist for the Control of Complex Systems Initiative.

He joined the Oak Ridge National Laboratory in January 2019 as a senior distinguished scientist at corporate fellow grade, US Department of Energy. His research focuses on stochastic

distribution control, fault diagnosis and tolerant control, and intelligent controls with applications to transportation system area, and has published more than 200 journal papers and 6 books.

He is an Associate Editor of IEEE Transactions on Neural Networks and Learning Systems, and was an Associate Editor of the IEEE TRANSACTIONS ON AUTOMATIC CONTROL, the IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, and the IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING. He is also a member for three Technical Committees of International Federation of Automatic Control (IFAC).