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Professor Han is Pro Vice-Chancellor (Research Quality) and a Distinguished Professor at Swinburne University of Technology, Melbourne, Australia. He held various academic and management positions at Griffith University, Australia and Central Queensland University, Australia. He received the Ph.D. degree in Control Engineering from East China University of Science and Technology in 1997.

Professor Han has been conducting research in the areas of networked control systems, cyber physical systems, time-delay systems, multi-agent systems, smart grids, offshore structure, unmanned surface vehicles, cyber security, and neural networks. Since 2001, as of 21 February 2023, he has authored or co-authored four hundred and twenty-four (424) fully-refereed high quality journal articles including two hundred and thirty-eight (238) articles in the most prestigious IEEE Transactions and forty-two (42) articles in Automatica. He has also authored or co-authored one hundred and ninety (190) international leading conference papers, seven (7) monographs, one (1) research-based book chapter, and edited four (4) conference proceedings and ten (10) special issues. As of 21 February 2023, his research work has been cited 43,586 times with an h-index of 114, an i10-index of 376 according to Google Scholar. Moreover, his research work has been cited 37,139 times with an h-index of 108 according to SCOPUS, and 33,149 times with an h-index of 103 according to Clarivate Web of Science Core Collection.

Professor Han was awarded The 2021 Norbert Wiener Award (the Highest Award in systems science and engineering, and cybernetics) and The 2021 M. A. Sargent Medal (the Highest Award of the Electrical College Board of Engineers Australia). He is a Highly Cited Researcher in both Engineering and Computer Science (Clarivate, 2019-2022). He was one of Australia's Top 5 Lifetime Achievers (Research Superstars) in Engineering and Computer Science (The Australian's Research Magazine, 2019-2020). He was the recipient of The 2022 IEEE Systems, Man, and Cybernetics Society Andrew P. Sage Best Transactions Paper Award, The 2021 IEEE/CAA Journal of Automatica Sinica Norbert Wiener Review Award, The 2020 IEEE Systems, Man, and Cybernetics Society Andrew P. Sage Best Transactions Paper Award, The 2020 IEEE Transactions on Industrial Informatics Outstanding Paper Award, and The 2019 IEEE Systems, Man, and Cybernetics Society Andrew P. Sage Best Transactions Paper Award.

Professor Han is a Foreign Member of the Academia Europaea (The Academy of Europe). He is a Fellow of The Institute of Electrical and Electronic Engineers (IEEE), The International Federation of Automatic Control (IFAC), The Institution of Engineers Australia (IEAust), and The Chinese Association of Automation (CAA). He has served as an AdCom Member of IEEE Industrial Electronics Society (IES), a Member of IEEE IES Fellows Committee, a Member of IEEE IES Publications Committee, Chair of IEEE IES Technical Committee on Network-based Control Systems and Applications, a Member of IEEE IES Technical Committee on SmartGrids, a Member of IFAC Technical Committee on Networked Systems, a Member of IFAC Technical Committee on Linear Control Systems, and a Member of IFAC Technical Committee on Power and Energy Systems. Currently, he is Editor-in-Chief of IEEE/CAA Journal of Automatica Sinica, Co-Editor-in-Chief of IEEE Transactions on Industrial Informatics, and Co-Editor of Australian Journal of Electrical & Electronics Engineering.