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Professor Ron Shu-Yuen Hui received his BSc (Eng) Hons in Electrical and Electronic Engineering at the University of Birmingham in 1984 and a D.I.C. and PhD in Electrical Engineering at Imperial College London in 1987.

He currently holds the Philip Wong Wilson Wong Professorship of Department of Electrical and Electronic Engineering at the University of Hong Kong, and a Chair Professorship at Imperial College London.

Previously, he held academic positions at the University of Nottingham, University of Sydney and City University of Hong Kong. He has authored or coauthored more than 500 research papers including 330 refereed journal publications. According to IEEE Xplore, his patent citations exceed 1260.



Over 125 of his patents have been adopted by industry worldwide. His research interests include power electronics, wireless power, sustainable lighting, and smart grid. His inventions on wireless charging platform technology underpin key dimensions of Qi, the world's first wireless power standard, with freedom of positioning and localised charging features for wireless charging of consumer electronics. He also developed the Photo-Electro-Thermal Theory for LED Systems and Electric Spring technology for smart grid. He received the IEEE Rudolf Chope R&D Award and the IET Achievement Medal (The Crompton Medal) in 2010, and IEEE William E. Newell Power Electronics Award in 2015. He is a Fellow of the Australian Academy of Technological Sciences & Engineering, US National Academy of Inventors, and Royal Academy of Engineering, U.K.