



Professor Karu Esselle, IEEE 'M (1992), SM (1996), F (2016), received BSc degree in electronic and telecommunication engineering with First Class Honours from the University of Moratuwa, Sri Lanka, and MASc and PhD degrees in electrical engineering from the University of Ottawa, Canada. He is a Professor of Electronic Engineering, Macquarie University, Sydney, Co-Director of WiMed Research Centre and the Past Associate Dean – Higher Degree Research (HDR) of the Division of Information and Communication Sciences. He has also served as a member of the Dean's Advisory Council and the Division Executive from 2003 to 2008 and as the Head of the Department several times. He is also the chair of the Board of management of Australian Antenna Measurement Facility, and elected Chair of both IEEE New South Wales (NSW) Section, and IEEE NSW AP/MTT Chapter, in 2016 and 2017. He directs the Centre for Collaboration in Electromagnetic

and Antenna Engineering, and has been selected as one of the three new Distinguished Lecturers of IEEE AP Society for 2017-2020. He is the first Australian AP Distinguished Lecturer (DL) in almost two decades, and second Australian AP DL ever. When Professor Esselle was elected to the IEEE Antennas and Propagation Society Administrative Committee for a three year term in 2014, he became the only person residing in the Asia-Pacific Region (IEEE Region 10) to be elected to this highly competitive position over a period of at least six years (2010-2015). He was elevated to IEEE Fellow grade for his contributions to resonance-based antennas. He is also a Fellow of Engineers Australia.

Professor Esselle has authored almost 500 research publications and his papers have been cited almost 4,000 times. He is the first Australian antenna researcher ever to reach Google Scholar h-index of 30 and his current h-index is the highest among Australian antenna researchers when Google Scholar errors are corrected. Since 2002, his research team has been involved with research grants, contracts and PhD scholarships worth over 15 million dollars. Professor Esselle has been invited to serve as an international expert/ research grant assessor by several nationwide research funding bodies overseas. He has been invited by Australian and overseas universities to assess applications for promotion to professorial levels. Thirty six international experts who examined the theses of his recent PhD graduates ranked them in the top 5% or 10%. Professor Esselle has provided expert assistance to more than a dozen companies including Intel, Hewlett Packard Laboratory (USA) and Cisco Systems (USA). He is an Associate Editor of IEEE Transactions on Antennas and Propagation and IEEE Access. His research activities are posted in the web at <http://web.science.mq.edu.au/~esselle/>.