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Professor Alberto Avolio is Professor Emeritus in the Faculty of Medicine Health and Human Sciences, Macquarie University, Sydney, Australia. He has acquired international recognition in the field of cardiovascular haemodynamics. He has taught in the fields of cardiovascular dynamics and has supervised 48 PhD theses and examined 72 national and international higher degree theses. Research areas include pulsatile relationships between blood pressure and flow, pulse wave analysis, non-invasive estimation of central aortic pressure and cardiovascular modeling. He has received substantial competitive and institutional research grant support and is on the assessment panel of national and international granting bodies. He is on the editorial board of journals of cardiovascular research and hypertension and is a reviewer for over 50 international scientific journals. He has over 300 publications including a book, book chapters and peer reviewed articles. Professor Avolio has been a Visiting Professor at the Tokyo Medical University, recent Visiting Professor at the Shanghai Jiaotong University School of Medicine and currently external assessor of Biomedical Engineering curriculum at the University of Malaya. He is Fellow of the International Academy of Medical and Biological Engineering, IEEE Fellow, and past President of the society of *The Pulse of Asia*.