



The University of Western Australia

UWA Staff Profile

Professor Herbert Iu

Professor

[Electrical, Electronic and Computer Engineering](#)

Contact details

Address Electrical, Electronic and Computer Engineering
The University of Western Australia (M018)
35 Stirling Highway
CRAWLEY WA 6009
Australia

Phone [+61 8 6488 7989](tel:+61864887989)

Fax +61 8 6488 1168

Email herbert.iu@uwa.edu.au

Personal homepage <http://www.ee.uwa.edu.au/~herbert/>



Qualifications

BEng PhD *HK Poly.*

Biography

Prof. Herbert H.C. Iu received the BEng(Hons) degree in Electrical and Electronic Engineering from The University of Hong Kong, Hong Kong, in 1997. He received the PhD degree in Electronic and Information Engineering from The Hong Kong Polytechnic University, Hong Kong, in 2000. He worked briefly as a research fellow in the Department of Electronic and Information Engineering, HKPU.

In 2002, he joined the School of Electrical, Electronic and Computer Engineering, The University of Western Australia as a Lecturer. Currently, he is a Professor. His research interests include power electronics, renewable energy, nonlinear dynamics and chaos, current sensing techniques and memristive systems. He has published over 100 papers in these areas. He currently serves as an Associate Editor for International Journal of Circuit Theory and Applications, IEEE Circuits and Systems Society Newsletter, and International Journal of Bifurcation and Chaos. He is a Co-Editor of Control of Chaos in Nonlinear Circuits and Systems (Singapore, World Scientific, 2008). He is a senior member of IEEE.

Key research

❖ Power electronics, nonlinear dynamics, memristive systems

Research profile

[Research profile and publications](#)