

Tse Chung Fai, Norman graduated from the Hong Kong Polytechnic University (then Hong Kong Polytechnic) in 1985 holding an Associateship in Electrical Engineering. He obtained MSc degree from the University of Warwick in 1994 and PhD degree from the City University, London, UK in 2007. He is a Chartered Engineer, a Corporate member of the IET, UK (formerly IEE, UK) and the Hong Kong Institution of Engineers. He is now working with the City University of Hong Kong as a Senior Lecturer majoring in building LV electrical power distribution systems. His research interest is in power quality simulation and analysis, power quality monitoring system and harmonics mitigation techniques for building low voltage electrical power distribution systems.

He has been the Programme Leader of the Associate of Science in Building Services Engineering (ASCBSE) degree programme, City University of Hong Kong since 1998. He has been sitting in many university committees related to student learning and pedagogical design and has been short-listed for Teaching Excellence Award of City University of Hong Kong in 1996. Recently he has been successfully implemented the AScBSE degree programme into Outcome Based Teaching and Learning Approach. The programme has been accredited by Hong Kong Institution of Engineers for meeting its membership requirement. He has been the Principal Investigator of a number of teaching development projects.

He has been serving The IET Hong Kong since 1997 and has been actively involving in organizing professional activities for members of The IET. The following lists various contributions of Dr Tse to The IET Hong Kong.

Services to The IET Hong Kong

- Honorary Treasurer, Specialised Section in Management & Design, IEE, Hong Kong Centre, 1997-2000
- Committee member, Specialised Section in Power, The IEE Hong Kong, 2001-2005
- Corporate membership interviewer, The Institution of Engineering and Technology, 2002 onwards
- Executive Committee Member, Power & Energy Section, The Institution of Engineering and Technology, Hong Kong, 2005-2006
- Hon. Secretary, Executive Committee, Power & Energy Section, The Institution of Engineering and Technology, Hong Kong, 2006-2007
- Vice Chairman, Executive Committee Power & Energy Section, The Institution of Engineering and Technology, Hong Kong, 2007-2008
- Chairman, Executive Committee, Power & Energy Section, The Institution of Engineering and Technology, Hong Kong, 2008-2009

Conferences and Symposiums

- Committee member, Organizing Committee for One Day Symposium on 'Building Services Engineering in the 21st Century', 1999
- Organizing Committee member, One Day Symposium on 'Advances in Building Services', 2000
- Vice Chairman and Paper Reviewer, Second Power Symposium 2002 on 'Modern Building Electrical Systems Status Quo and Issues', IEE Hong Kong, City University of Hong Kong, 14 June 2002

- Local Arrangement Committee Chairman, The 6th APSCOM2003 International Conference, IEE Hong Kong, 2002 - 2003
- Vice Chairman and Proceedings Editor, A Half Day Workshop (Far East-Hong Kong/Kuala Lumpur/Singapore) on 'Health and Safety in Building Electrical Technology', IEE UK
- Vice Chairman and Proceedings Editor, The Third Power Symposium 2004 on 'Power System Networks in the Digital Era', IEE Hong Kong
- Panel Session Chairman, The Fourth Power Symposium 2005 on 'Green Energy and Utilisation-Reality or Idealism', IEE Hong Kong, Sheraton Hotel, 24 June 2005
- OC member and proceedings editor, The 5th Annual Power Symposium 2006 on 'Conquering the Height – Challenge to Electrical Technology in Skyscrapers', Power & Energy Section, The Institution of Engineering and Technology Hong Kong, 2006
- OC member, The 7th International Conference on Advances in Power System Control, Operation and Management (APSCOM) 2006, The Institution of Engineering and Technology Hong Kong, 2006
- OC member, The 6th Annual Power Symposium 2007 on 'The Ever-Changing Electricity market: Challenges from Generation through Delivery to Utilization', Power & Energy Section, The Institution of Engineering and Technology Hong Kong, 2007
- Chairman, The 7th Annual Power Symposium 2008 on 'Engineering a World Class City – The Role of Leading Edge Technology', Power & Energy Section, The Institution of Engineering and Technology Hong Kong, 2007
- Local Arrangement Committee Chairman, The 8th APSCOM2009 International Conference, IET Hong Kong, 2008 – 2009
- Committee member, PRDDC 2009-2010.

Representing The IET Hong Kong in Government Consultation Committees

- Member, Technical Taskforce on Mandatory Implementation of the Building Energy Codes, EMSD, HKSAR Government, 2008 - now.
- Member, Working Group on Mandatory Implementation of the Building Energy Codes: BEC (Electrical), EMSD, HKSAR Government, 2008 - now.