



Biography:

Dr C.Y. Chung is a Professor, the NSERC/SaskPower Senior Industrial Research Chair in Smart Grid Technologies, and the SaskPower Chair in Power Systems Engineering in the Department of Electrical and Computer Engineering at the University of Saskatchewan, Saskatoon, SK, Canada. He is a prominent leader for advancing academic activities and applied research in power systems engineering development in the province of Saskatchewan. He is now leading a research team, supported by SaskPower and NSERC of Canada, to conduct cutting-edge and long-term smart grid research for SaskPower and address critical technical issues associated with smart grid technologies and their applications to real power systems. He is a Fellow of IEEE and IET. He is also an IEEE PES Distinguished Lecturer and a member of IEEE PES Fellow Evaluation Committee.

Dr Chung received the B.Eng. degree (with First Class Honors) and the Ph.D. degree in electrical engineering from The Hong Kong Polytechnic University, China, in 1995 and 1999, respectively. His research interests include smart grid, renewable energy, power system stability/control, planning and operation, applications of advanced optimization methods, power markets and electric vehicle charging. His research work has not only generated 3 US patents, 2 book chapters and over 130 international journal papers, mostly in well-respected IEEE transactions and IET journals, but has also resulted in successful transference of two new commercial software packages developed for power system analysis. Software package “Small Signal Analysis Tool (SSAT)” developed by him is now being used by over 80 power companies and nearly 90 universities worldwide. He has provided consultancy services to both government agencies and well-known private companies.

Dr Chung was the Member-at-Large (Smart Grid) and Member-at-Large (Global Outreach) of IEEE PES Governing Board and also the IEEE PES: Region 10 North Chapter Representative. He was the Past Chairman of the IEEE Hong Kong Section, IEEE Hong Kong Joint Chapter of PES/IAS/PELS/IES and IET Hong Kong PES. He was the General Chair of IEEE EPEC2017 and IEEE PES APPEEC2014, Co-Chair of IEEE TENCON2015, IEEE PES APPEEC2013 and IEEE ICHQP2012, Vice-Chairman of IET APSCOM 2015 and IET APSCOM2012, Technical Chairman of IET APSCOM2009, and Honorary Secretary of IEEE DRPT2004 and IEEE IAS 2005 Annual Meeting.

Dr Chung is currently an Editor of “IEEE Transactions on Power Systems”, “IEEE Transactions on Sustainable Energy”, and “IEEE Power Engineering Letters”, a Subject Editor of “IET Generation, Transmission & Distribution”, and an Editorial Board Member of “Journal of Modern Power Systems and Clean Energy”, and “CSEE Journal of Power and Energy Systems”.