



The IEEE Power Chapter, Singapore Section is pleased to announce a half-day workshop jointly organized with the School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore. The detail of the workshop is given in the following:

Date: 13 May 2009
Time: 2:00pm
Venue: Executive Seminar Room (S2.2-B2-53)

Program:

Time	Title	Speaker
2:00pm – 2:10pm	Opening Addresses	Professor Tseng King Jet
2:10pm – 2:30pm	Switched-Capacitorized DC/DC Converters	Prof. Luo Fanglin (NTU)
2:30pm – 2:50pm	Damping of Inter-area Oscillations of Power Systems Based on WAMS with Signals Transmission Delay	Prof. Hu Zhijian (WHU)
2:50pm – 3:10pm	A Statistical Approach to the Design of a Dispatchable Wind Power – Battery Energy Storage System	Miss Yao Dailin (NTU)
3:10pm – 3:30pm	Tea Break	
3:30pm – 3:50pm	Lightning Shielding Performance of Transmission Lines	Prof. Lan Lei (WHU)
4:50pm – 4:10pm	Dimensional Effect on the Measurement of Permittivity of Semiconducting Materials Used in High Voltage XLPE Cables	Prof. Zhang Daming (NTU)
4:10pm – 4:30pm	Control and Inversion of Nonlinear Systems	Prof. Hu Po (WHU)

Brief CV of the Speakers

Prof King-Jet Tseng received the B.Eng. (First Class) and M.Eng. degrees from the National University of Singapore, Singapore, and the Ph.D. degree from Cambridge University, Cambridge, U.K. He is currently a tenured academic staff of the Nanyang Technological University, Singapore. He teaches electrical power engineering and power electronics at both undergraduate and postgraduate levels, and manages research programs in electrical energy and power. He has been in charge of NTU Laboratories in Electrical Energy, Machines, Power Electronics, Drives and Power Engineering. He conducted courses and provided technical consultation for industries, institutions and governmental departments in Singapore and other ASEAN nations. He has published over a hundred technical papers, and actively reviews and edits papers for major journals and conferences. He is a Fellow of the Cambridge Commonwealth Society and the Cambridge Philosophical Society. In 1996, he was awarded the Swan Premium by the Institution of Electrical Engineers (UK), for his work on gate turn-off thyristors for use in traction drives. He has held a number of major appointments in professional societies, including the Chair of IEEE Singapore Section in 2005. He is a Chartered Engineer registered in UK. He was awarded the IEEE Third Millennium Medal and was listed in the Marquis Who's Who in the World and Who's Who in Science and Engineering for his contributions to engineering education and research.

A/Prof. Luo Fang Lin is currently in the School of EEE since 1995. He received his Bachelor degree in Radio-Electronics Physics from Sichuan University in China and Ph.D. degree from the Cambridge University in UK in 1986. He was with the Chinese Automation Research Institute of Metallurgy, Beijing, China in 1968 – 1981. He was with the Entreprises Saunier Duval, Paris, France in 1981 - 1982. He was with the Hocking NDT Ltd, Allen-Bradley Ltd and Simplatroll Ltd in UK in 1986 – 1995. His research interests include Electrical Engineering and Power Electronics. He has done significant research work in his research areas and published eight (8) technical books and over 260 top quality international conference and journal papers. He has been often invited as a committee member or referee and reviewer for a number of premier conferences and journals, including IEEE International Conferences and IEEE-Transactions. Dr. Luo is a senior member of IEEE and the Life Fellow of Cambridge Philosophical Society. He has gained good prestige, and is invited by more than 30 good universities over the world (including MIT, CIT and Tsing Hua University) to be visiting professor offering seminars/short courses. Dr. Luo is currently the Associate Editor of the IEEE-Transactions on Power Electronics, and the Associate Editor of the IEEE-Transactions on Industrial Electronics. He is also the international Editor of the Journal “Advanced Technology of Electrical Engineering and Energy”. He was the chief Editor of the international journal “Power Supply Technologies and Applications” in 1998 – 2003. He was the general Chairman of the first IEEE International Conference on Industrial Electronics and Applications in 2006 (ICIEA’2006) in Singapore and the general Chairman of the third IEEE International Conference on Industrial Electronics and Applications in 2008 (ICIEA’2008) in Singapore.

Prof Hu Zhijian was born in Hubei, China, on Oct. 30,1969. He received the B.S. degree in management engineering of power system from Shanghai University of Electric Engineering in 1991. He received his M.S. and the Ph.D. in power system and its automation from Wuhan University of Hydraulic & Electric Engineering in 1996 and 1999 respectively. He is an associate professor with Wuhan University. His special fields of interest included automation.

Prof Zhang Daming is an assistant Professor in the Division of Power Engineering, School of Electrical & Electronic Engineering, Nanyang Technological University. He received his PhD from NTU in 1999 and ME from Huazhong Univ of Science & Technology in 1996. His main research interests include electromagnetic phenomena in power apparatuses,computational methods for electric and magnetic fields, study on magnetic and dielectric properties of materials, space charge distribution in dielectric materials and renewable energy.

Prof Lan Lei was born in Sichuan province, China in 1969. She received D.E. degree from School of Electrical Engineering, Wuhan University. Now she is a associate professor. Her research fields are the lightning protection and insulation technology.

Enquiries:

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