

Brief Biography of Speaker

MU-DER JENG, an IEEE Fellow, received his Ph.D. degree in computer and systems engineering from Rensselaer Polytechnic Institute, Troy, NY, in 1992. He is Distinguished Professor of Electrical Engineering at National Taiwan Ocean University. His current research interests include embedded systems, single-chip design, biomedical electronics, wireless networking, RFID, and automation systems. He has over 150 publications.

Dr. Jeng was Vice President for Membership and Student Activities of the IEEE Systems, Man, and Cybernetics (SMC) Society during 2006-2007. He is Co-Chair of the Discrete Event Systems Technical Committee for the SMC Society and an Associate Editor for IEEE Transactions on SMC – Part A and Part C. Dr. Jeng has been an elected member of the SMC Board of Governors for two consecutive terms (2008-2010 and 2005-2007). He was Program Co-Chair of the 2006 IEEE SMC Conference, Program Co-Chair of the 2005 IEEE International Conference on Networking, Sensing, and Control (ICNSC), and Special Session Chair of the 2004 ICNSC. He served as Founding Chair of the Semiconductor Factory Automation Technical Committee and Taipei Chapter Chair for the IEEE Robotics and Automation Society. He was Tutorials Chair of the 2005 IEEE International Conference on Automation Science and Engineering, and Exhibitions Chair of the 2003 IEEE International Conference on Robotics and Automation. He was an Associate Editor for IEEE Transactions on Robotics and Automation, and IEEE Transactions on Robotics. Dr. Jeng is an editorial board member for International Journal of Computer Integrated Manufacturing and International Journal of Agile Systems and Management. He was a Guest Editor for seven leading journals, five of which are IEEE transactions or magazine. He served on the organization and program committees, organized and chaired technical sessions, over 30 times, for many international conferences.

Dr. Jeng received the Franklin V. Taylor Award from the SMC Society, the Most Active Technical Committee Award from the IEEE Robotics and Automation Society, the Young Research Award from National Taiwan Ocean University, and the Research Award seven times from National Science Council of Taiwan. He is listed in Who's Who in the World, Who's Who in Science and Engineering, and Who's Who in Asia.