Huazhong University of Science and Technology (HUST) –
Introduction and Electrical Engineering Projects

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This presentation will first introduce Huazhong University of Science and Technology (HUST), including its location, history, disciplines, organizations, etc. A key national university and a flagship of China’s higher education system, HUST is home to a national laboratory and five national key laboratories, as well as many national specialized labs and research centres. The main focus of the presentation will be the School of Electrical and Electronic Engineering at HUST. Both education and research areas will be introduced. Several major projects in electrical engineering, including those from the State Key Laboratory of Advanced Electromagnetic Engineering and Technology, will be reviewed as well.

Ronghai Qu is an IEEE Senior Member. He received the B.E.E. and M.S.E.E. degrees from Tsinghua University, Beijing, China, in 1993 and 1996, respectively, and the Ph.D. degree in electrical engineering from the University of Wisconsin-Madison, in 2002. In Jan. 2003, he joined GE Global Research Centre, Niskayuna, NY, as a Senior Electrical Engineer with the Electrical Machines and Drives Laboratory. From 2010, he has been a professor with Huazhong University of Science & Technology (HUST), Wuhan, China. Dr. Qu is currently a member of Academic Degrees Committee, deputy dean of School of Electrical & Electronic Engineering, deputy director of State Key Laboratory of Advanced Electromagnetic Engineering and Technology, and also the Director of Centre for Advanced Electrical Machines & Drives with HUST. He has authored over 60 published technical papers and is the holder of over 50 patents/patent applications. Professor Qu is the recipient of several awards from GE Global Research Center since 2003, including the Technical Achievement and Management Awards. He also is the recipient of the 2003 and 2005 Best Paper Awards, third prize, from the Electric Machines Committee of the IEEE Industry Applications Society at the 2002 and 2004 IAS Annual Meeting, respectively. In 2013, he was awarded the Innovation Achievement Award by the Chinese Federation of Academic-Industry.