

Curriculum Vitae

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Biography:

Dr. Guojie Li is a professor of the electrical engineering at Shanghai Jiao Tong University (SJTU). He is also an IEEE PES senior member and appointed as Council Member of Asia Pacific Institute of Science and Engineering in Apr., 2021. He received his B.S. and M.S. degrees in electrical engineering from Tsinghua University, China in 1989 and 1993, respectively, and the Ph.D. degree in electrical engineering from Nanyang Technological University, Singapore, in 1999.

In Apr. 1993, he worked as an assistant professor in the dept. of electrical engineering in Tsinghua University. In Feb. 2000, he worked in the research center of Singapore power to develop dynamic voltage restorer to compensate voltage dips. In Dec. 2003, he came back to the dept. of electrical engineering in Tsinghua University, and worked as an associate professor and the director of power system dynamic simulation laboratory, which is one of the most important parts in State Key Laboratory of Control & Simulation of Power Systems and Generation Equipment. In May 2011, he joined SJTU.

His major is analysis and control in electrical power systems. His research is concentrated on modelling, operation and control of renewable energy integration system, micro-grid, and flexible hybrid ac/dc system. He has authored over 100 technical articles and 50 patents. The paper of “Probabilistic small signal stability analysis with large-scale integration of wind power considering dependence” which was published in the journal of Renewable Sustainable Energy Reviews in 2017 has been reported by Renewable Energy Global Innovation (REGI) with Significance Statement.

Since 2011 in SJTU, he has been the project director, in research projects with total funding of well over 10 million RMB. The research projects included sponsors such as National Natural Science Foundation, National Science and Technology, and State Grid. With achievements in research, he received First Class Award of Shanghai science and Technology Progress with “Operation Control Technology and Key Equipment of New Energy Microgrids” in 2016, Second Class Award of Science and Technology Progress of National Power and Shandong Province in 2020, 2019, respectively.