

**CURRICULUM VITAE****Tao HUANG**

Dr. Tao HUANG received his Ph.D. degree in Electrical Engineering from Politecnico di Torino, Italy. He holds a master's degree in Electric Power System and Automation and two bachelor's degrees in Electric Power System and Automation and Finance from Shanghai Jiao Tong University (China). He is currently an assistant professor in the Department of Energy at Politecnico di Torino.

He has been an invited scientist to the Energy Security, Systems and Market Unit at the European Commission, Joint Research Centre, Institute for Energy and Transport to advance the modelling of distribution system operators, and of regional electricity system. He has been invited as a visiting scientist to the Durham University, UK. He was elected executive vice coordinator for an EU FP7 security project Securing the European Electricity Supply against Malicious and Accidental Threats. Currently, he is also external International scientific advisor for the global energy interconnection research institute (Europe), state grid cooperation of China (former smart grid research institute Europe of state grid cooperation of China) and International scientific advisor for the state energy smart grid R&D center (SHANGHAI, China).

His research works include global system science and complex system science and their applications to electricity/energy systems, especially to electricity markets, policy decision making aid, energy security, critical infrastructure protection, emerging distribution grids (Smart grids), etc. He co-authored more than 30 publications, published in international journals, conferences, and book chapters on various topics related to power systems and electrical engineering.

Within his research, he established well cooperation and connections with governmental bodies, such as DG-JRC of European commission (Ispra, Italy & Petten, Netherlands), Industrial stakeholders, such as State Grid Cooperation of China, Terna S.p.a (Italian TSO), Ireti S.p.a (Italian DSO), Transelectrica (Romanian TSO), etc., and with Academia, such as the Energieinstitut an der Johannes Kepler Universität Linz, Austria, Delft University of Technology, The Netherlands, Durham University, UK, Shanghai Jiaotong University, China, etc.