

"Open Positions for Ph.D. Candidates and Post-doc (Fall 2021)"

Department of Electrical and Computer Engineering, University of Illinois at Chicago

My research group has two ***fully funded Ph.D. and one Post-doc positions*** at the Department of Electrical and Computer Engineering, University of Illinois at Chicago. The preferred research areas include Power Systems and Coordination with Power Electronics, Distributed Energy Systems, Wide-area Protection and Cybersecurity, bigdata applications in power systems, machine learning, HVDC Control and Operation, Renewable Energy Integration, and Power System Modeling and Analysis.

If you are interested in applying for the Ph.D. positions, please contact me by email (lhe@uic.edu) and send me a copy of your application materials (transcripts, overall GPA, publications, and GRE/TOEFL scores). Candidates with strong power systems/power electronics/computer science background and prior research experience are preferred. We are also looking for Visiting Scholars and Visiting Students. For detailed information, please check with the website



Dr. Lina He is currently a tenure-track Assistant Professor in the department of Electrical and Computer Engineering at University of Illinois of Chicago, Chicago. She received her Ph.D. degree from University College Dublin, Ireland in 2014 under the supervision of Prof. Chen-Ching Liu. She also received her Master and Bachelor degrees from Huazhong University of Science and Technology, China in 2009 and 2007, respectively. She was a Project Manager and Senior Consultant at Siemens headquarters in Germany and Siemens US from 2014 to 2017. She was also an Electrical Engineer at State Grid Corporation of China, Tianjin, China from 2009 to 2010. In addition, she was a Research Scholar at Washington State University, WA, USA in 2013.

Dr. He is the secretary of the Distribution System Operations, Planning, and Economics (DSOPE) Subcommittee of the IEEE Power & Energy Society. She is also an Associate Editor of the IEEE Open Journal of Power Electronics. She holds two patents on power electronics based self-shunt excitation systems. Dr. He was awarded the *"Best Paper"* on Power System Modeling and Analysis in 2016 IEEE PES General Meeting in Boston, MA, USA. She was the recipient of the *"Outstanding Reviewer Award"* of IEEE Transactions on Power System from the IEEE Power & Energy Society in 2014. She was also the recipient of the *"Outstanding Teaching Assistant"* from University College Dublin, Ireland in 2012. Her research interests include modeling, control, protection, and security of power electronics based power systems, renewable energy integration, HVDC control and operation, PMUs, and wide-area protection and cybersecurity.

Welcome to UIC

The University of Illinois at Chicago (UIC) is a public research university located in Chicago, Illinois, United States. Its campus is in the near west side community area, adjacent to the Chicago Loop. The second campus established under the University of Illinois system, UIC is also the largest university in the Chicago area, having approximately 29,000 students enrolled in 15 colleges.

- Ranked 9th (undergraduate) and 12th (graduate) in entrepreneurship program by The Princeton Review and Entrepreneur magazine's survey of more than 700 American schools.
- Ranked the 18th best in the world among universities less than 50 years old in the 2015 Times Higher Education World University Rankings.
- Ranked 48th out of more than 650 universities receiving federal research money in 2005.
- UIC is One of 96 American universities receiving the highest research classification ("RU/VH") by the Carnegie Foundation.

