

PhD positions in Control and Stability of Future Power Systems: Illinois Institute of Technology, Chicago, USA

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An exciting opportunity is coming up for talented and committed researchers to apply for a fully-funded PhD studentship at Illinois Institute of Technology. This is to continue the work presented at a semi-plenary talk delivered at the 20th IFAC World Congress on Synchronized and Democratized (SYNDEM) Smart Grids (<https://www.youtube.com/channel/UCY8lgFAIBxP6j6haMqh4WLQ>). We plan to investigate the stability of SYNDEM smart grids with millions of power electronic converters by adopting passivity and port-Hamiltonian systems theory. We are particularly looking for candidates who have strong mathematical background in control theory as well as versatile practical skills in power electronics and power systems.

If you are interested in this, please send your CV, transcripts and two representative publications to Qing-Chang Zhong (zhongqc@ieee.org).