PhD Student + Postdoc Opportunities in the Large-scale Sustainable Systems Group (LSSG)  
Department of Computer Science, University of Chicago

We are focused on research issues of sustainability and large-scale systems. This means cloud software, renewable energy and power grids, and novel accelerator architectures. LSSG is a dynamic group of 15, including two postdocs, ten students, and a host of industrial collaborators at Argonne, Samsung, Intel, and Google, as well as other universities. Current projects include:

- Novel Cloud Resource Abstractions and Management: Real-time Serverless, Renewable Spot Instance, and Variability-aware Resource Management
- Accelerator and Data-center Architecture, Software/Compilers: Efficient Recoding for Energy Efficient Memory Hierarchies, Data Movement, and Computing

See [http://lssg.cs.uchicago.edu/](http://lssg.cs.uchicago.edu/) for more information; contact Andrew Chien (achien@cs.uchicago.edu) with specific inquiries.

PhD Program apps due December 15 ([https://www.cs.uchicago.edu/admissions/graduate/](https://www.cs.uchicago.edu/admissions/graduate/)) ; Postdocs are considered on a rolling basis (send research interests and resume). We welcome and encourage applications from all groups, but especially women and members of other groups traditionally under-represented in computing.