The University of Illinois Advanced Digital Sciences Center (ADSC) in Singapore seeks Postdoctoral Fellows and Research Scientists for an exciting new project on “A Cyber-Physical Approach to Securing Urban Transportation Systems.” Future cities will increasingly be smart, providing an environment where people’s everyday lives are supported by various cyber-physical infrastructures. Particularly for a modern city with dense population like Singapore, the security, safety, and reliability of its urban transportation systems are critical. By collaborating with Singapore’s Institute for Infocomm Research (I²R), Singapore University of Technology and Design (SUTD), and a number of industry partners, ADSC will develop new security technologies for urban transportation systems and make fundamental breakthroughs in cyber security research. Applicants should possess a PhD in computer engineering, computer science, electrical engineering, or a related field. We seek candidates with expertise in one or more of the following areas:

- Computer and network security
- Cyber-physical systems
- Control theory and systems
- Wireless and mobile communication
- Threat modeling, security and risk assessment

Multiple positions are available immediately and will remain open until filled. Interested candidates should submit their curriculum vitae, cover letter, and three letters of recommendation. Further information and the on-line application procedure are available at [http://adsc.illinois.edu/opportunities/adsc-employment-opportunities](http://adsc.illinois.edu/opportunities/adsc-employment-opportunities)

**About ADSC and the Positions**

Based in Singapore's science and engineering research complex in Fusionopolis, ADSC is led by outstanding faculty from the College of Engineering at the University of Illinois at Urbana-Champaign, with core funding provided by Singapore’s Agency for Science, Technology and Research (A*STAR).

If you have a track record of demonstrated excellence in research, we invite you to apply for ADSC's full-time positions in Singapore. You will conduct research in collaboration with Illinois faculty and your ADSC colleagues. You will have the opportunity to spend time on the Illinois campus to foster direct interaction with your Illinois colleagues. While you build an excellent research record, you will also develop your leadership skills by working to define and guide projects and by supervising graduate and undergraduate students.

**Positions at the Engineer level (Bachelor’s or Master’s) and Internships are also available.***

More information about ADSC is available at [http://adsc.illinois.edu/](http://adsc.illinois.edu/)