College of Engineering

Tenure-Track Faculty Position in Engineering – Secure & Resilient Cyber-Physical Systems

The College of Engineering at the University of Georgia (UGA) is seeking applications for a tenure-track assistant professor with expertise in the area of security and resilience for Cyber-Physical Systems (CPS). The position has an expected start date of August 1, 2018 or earlier.

The successful applicant will join an interdisciplinary team of researchers and educators in the School of Electrical & Computer Engineering (http://engineering.uga.edu/schools/sece), and work closely with colleagues affiliated with the recently established Center for Cyber-Physical Systems (http://cps.uga.edu). Leveraging existing expertise in CPS, smart energy systems, control systems, sensor networks, internet of things, data analytics and virtual reality, the Center for Cyber-Physical Systems creates the ideal environment for candidates looking to explore security and resilience issues in CPS applications that range from the smart grids, to medical/health monitoring, to autonomous vehicles.

The responsibilities of the successful candidate will be to: (1) establish an outstanding research program recognized both nationally and internationally, (2) foster and establish collaborations and partnerships within and outside the College of Engineering as well as industry, (3) exhibit a strong commitment to teaching excellence at both the undergraduate and graduate levels, and (4) compete successfully for extramural funding to support research and a companion graduate training program. The candidate will have broad latitude to develop a research program that focuses on CPS innovations, along with advances in the basic knowledge of sustainability to benefit society.

Candidates should have a Ph.D. degree in Computer Engineering, Electrical Engineering, Computer Science or a closely related discipline, and an excellent research record in an area associated with Electrical & Computer Engineering. Applicants with expertise that focuses on issues of security and resilience in the development of hardware/software for CPS are encouraged to apply. Along with a strong publication record and demonstrated success in proposal writing, a record exhibiting leadership traits, effective communication, and ability to develop innovative collaborative programs is preferred.

The College of Engineering, formed on July 1, 2012, is building a vibrant academic environment that fosters engineering education in a liberal arts environment and research that addresses critical societal needs. The College offers eight undergraduate and seven graduate engineering degree programs spanning all engineering fields. The college has grown rapidly to more than 2,100 undergraduate and graduate students and over 70 faculty members. More information can be found at www.engineering.uga.edu.

To apply, candidates should submit an application at http://facultyjobs.uga.edu/postings/2968. Questions related to the position may be directed to the search committee chair, Dr. WenZhan Song (wsong@uga.edu).

Applications received before December 1, 2017 will be given full consideration.