The University of Georgia **Position Announcement**

College of Engineering

Tenure-Track Faculty Position in Engineering – Security and Resilience in IoT/CPS

The College of Engineering at the University of Georgia (UGA) is seeking applications for a tenure-track faculty position at the rank of assistant professor, associate professor, or professor with expertise in the area of security and resilience for Internet of Things (IoT)/Cyber-Physical Systems (CPS). Applications at all academic rank will be considered. The position has an expected start date of August 1, 2019 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 IoT, CPS, smart energy systems, control systems, sensor networks, 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 IoT/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 IoT/CPS innovations, along with advances in the basic knowledge of sustainability to benefit society.

Candidates must 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 IoT/CPS are encouraged to apply. A demonstrated record exhibiting leadership traits, effective communication, and ability to develop innovative collaborative programs is preferred. One year of formative postdoctoral or industrial experience, a strong publication record, and demonstrated success in proposal writing are preferred. For information regarding the requirements of each faculty rank, please visit the College of Engineering's Promotion and Tenure Guidelines.

The College of Engineering, formed on July 1, 2012, is 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 2,400 undergraduate and graduate majors and 77 faculty members. More information can be found at www.engineering.uga.edu.

To apply, candidates should submit an application at http://www.ugajobsearch.com/postings/32653. Questions related to the position may be directed to the search committee chair, Dr. WenZhan Song (wsong@uga.edu).

Applications received by December 17, 2018 will be given full consideration.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR (hrweb@uga.edu). Please do not contact the department or search committee with such requests.