SYRACUSE UNIVERSITY

Tenure-Track Assistant Professor Position in Control and Robotics (#073510)

Department of Mechanical and Aerospace Engineering

The Department of Mechanical and Aerospace Engineering at Syracuse University seeks to fill a faculty position in the broad area of controls, robotics and dynamics at the rank of tenure-track assistant professor. Applications are invited in all topics in this area, particularly those that complement current research activities in the department and the college. These research activities include, but are not limited to, bio-inspired and bio-mimetic systems; human-machine interactions; guidance, navigation and control of unmanned systems; intelligent control of energy and environmental systems; networked control systems; state estimation and sensor fusion; spacecraft dynamics and control; and additive manufacturing and advanced materials processes.

The department has close ties with other departments and on-campus multidisciplinary centers, including the Syracuse Center of Excellence in Environmental and Energy Systems (SyracuseCoE), the Center for Advanced Systems and Engineering (CASE), Syracuse Biomaterials Institute (SBI) and Green Data Center. Researchers working at these centers are involved in several federally funded projects on topics that include unmanned systems, biomimetic systems, intelligent building control, data fusion and mining, communication systems and networks. In addition, New York state opportunities include the recent investment of $250 million for unmanned systems and cross-connected platforms in the central New York state region as part of the Upstate Revitalization Initiative, and the New York State Energy and Research Development Authority (NYSERDA) funding opportunities to develop smart building technologies.

For full consideration, applicants must complete an online Application at www.sujobopps.com and attach the application file to job number 073510. Required application materials consist of: 1) cover letter, 2) detailed resume or curriculum vitae, 3) a statement of teaching and research interests, and 4) names and contact information of three references. The initial screening of applications will begin on January 1, 2018; applications will be accepted until the position is filled. For information about the department, please visit http://eng-cs.syr.edu/our-departments/mechanical-and-aerospace-engineering/.

Syracuse and its surrounding areas offer a vibrant intellectual and cultural atmosphere, a diverse community, excellent public education systems, affordable homes, and many other assets that make it a great place to live and work. Syracuse University is an affirmative action/equal opportunity employer and is dedicated to enhancing community and scholarly pursuits through gender and ethnic diversity. Women and members of historically underrepresented groups are especially encouraged to apply.