



**Faculty Position in the Grado Department of Industrial and Systems Engineering
Virginia Tech – Assistant Professor, Automation and Robotics**

The Grado Department of Industrial and Systems Engineering (ISE) at Virginia Tech invites applications for a tenure-track faculty position at the rank of Assistant Professor, effective August 2019. We seek outstanding candidates in all areas related to robotics and automation, including but not limited to robotics platforms and manipulations, rehabilitation and assistive robotics, robotics for advanced manufacturing, kinematics and mechanisms, autonomous systems, embedded systems, smart-sensor infrastructure, dynamical system control and optimization, and artificial intelligence. Candidates will have the opportunity to work with a wide range of research groups and faculty within the Department, College, and University, including those working in the areas of advanced manufacturing, industrial analytics, operations research, decision sciences, health systems and technology, human-machine systems, and intelligent infrastructure, among others.

The ISE Department is comprised of 33 faculty with approximately 580 undergraduate students, 120 master's students, and 90 doctoral students. The undergraduate and graduate ISE programs are currently ranked sixth and seventh, respectively, by U.S. News & World Report. Additional information about the department can be found at www.ise.vt.edu.

Candidates are expected to lead innovative and high-quality research, build a strong sponsored-research program, develop and teach graduate and undergraduate courses in ISE, and advise and mentor graduate and undergraduate students. The position requires a Ph.D. in industrial and systems engineering, mechanical engineering, electrical and computer engineering, or other closely related field.

In addition to collaborating with faculty in ISE, the successful candidate will have the opportunity to engage in transdisciplinary research, curriculum, and outreach initiatives with other university faculty members working

in the university's *Intelligent Infrastructure for Human-Centered Communities (IIHCC)* Destination Area (<https://provost.vt.edu/destination-areas.html>). Faculty working in this area are committed to transdisciplinary solutions that exist along the interdependencies between humans, community, and infrastructure with the ultimate goal of improving quality of life around the globe.

Interested individuals should apply online at jobs.vt.edu (posting number TR0180138). Candidates should submit a cover letter, current CV, research statement, teaching statement, diversity statement, three relevant research publications, and the names of at least three references. Review of applications will begin immediately, and the deadline for ensuring full consideration is November 30, 2018. The position will remain open, and applications may be considered until the position is filled. For more information or for any questions about the search, please contact the Search Committee at ise-search@vt.edu. Applicants interested in meeting with a faculty member at the 2018 INFORMS Conference should contact the Search Committee. Applicants are also encouraged to include in their cover letter a list of presentations being given at the INFORMS conference.

Virginia Tech is committed to a culturally and ethnically diverse campus environment and to principles that promote inclusive practices. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status. Virginia Tech is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The ISE Department strongly supports the Virginia Tech Principles of Community.