

Assistant Professor, tenure-track in Electrical and Computer Engineering – focus on human-robot collaboration, University of Louisville, USA.

Position Description

The Department of Electrical and Computer Engineering (ECE) at the University of Louisville invites applications and nominations for a tenure-track assistant professor faculty position. Candidates are expected to have outstanding academic credentials, a demonstrated commitment to excellence in research in the field of robotics and excellent teaching, communication and team skills. An earned doctorate in electrical or computer engineering or a closely related field is required. The ECE Department provides instruction at the bachelor's, master's, and Ph.D. levels, with areas of specialty including robotics, nanotechnology, MEMS, electronics, electro-optics, computer vision and image processing, medical imaging, communication systems, intelligent control, and computational intelligence. Although ECE will be primary home department for the successful applicant, this position encourages crossing traditional academic boundaries through courtesy appointments to Mechanical Engineering, BioEngineering, Computer Engineering and Computer Science, and others.

Particular areas of expertise sought from a successful candidate include Human-Robot Interaction, Intelligent Robotic Manufacturing, Human-in-the-Loop Control, Neural Learning Control, and Distributed Robotic Sensors. A successful candidate should have a thorough understanding of contemporary research challenges and opportunities related to shared human-robot learning and control schemes applicable to Human-Machine Interfaces for Collaborative or Soft Robots. Candidates will be expected to work closely with Speed School's robotics researchers and to participate in new initiatives such as the Louisville Automation and Robotics Research Institute (LARRI), and the KY NSF EPSCOR program on augmented robots and structures.

As a recipient of an NSF ADVANCE award to increase the advancement of women faculty in STEM, UofL provides a range of networking, mentoring and development opportunities for under-represented faculty. In addition, the university offers excellent benefits including domestic partner benefits as well as tenure clock extension.

The University of Louisville is a state-supported metropolitan research university located in Kentucky's largest urban area, and an equal opportunity, affirmative action employer. Louisville has world-class performing arts, great sports, nationally acclaimed parks and is home to the Kentucky Derby. It was named one of America's Breakout Cities for 2014 by CNN Money, the top travel destination for 2013 by Lonely Planet and the Most Livable City in America (large city category) in 2012 by the U.S. Conference of Mayors.

All application material should be collected into one document for upload. Include a curriculum vitae, an application letter outlining your experience and qualifications for the position, separate statements of your research and teaching philosophy, a brief description of your approach to creating an inclusive environment for students from different backgrounds, and the names of at least three references with full contact information. For full consideration, applications should be received by **January 5, 2020**. Review of applications will commence on **January 6 2020** and will continue until the position is filled. Additional information concerning the department and position is available at <http://louisville.edu/speed/electrical>.

Equal Employment Opportunity

The University of Louisville is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, sex, age, color, national origin, ethnicity, creed, religion, disability, genetic information, sexual orientation, gender, gender identity and expression, marital status, pregnancy, or veteran status. If you are unable to use our online application process due to an impairment or disability, please contact the Employment team at employment@louisville.edu or 502.852.6258.

Faculty/Administrator

To apply for this position, follow the "Online App. Form" link below and then click on the "Apply Now". You must answer all required fields and submit your application by clicking the "Submit" button. Detailed instructions are available at louisville.edu/jobs in the "My Career Tools" section. Vacancies are routinely removed from the jobs portal around 7:00PM on the deadline date. If the posting description requested that you follow up and mail or email other documents, your application will not be considered complete until those have been received by the department.

NOTE:

Only ONE attachment can be uploaded per application. If you wish to include a cover letter or other documents, please combine them as one document with your resume/cv, save the document with a simple short title that contains only letters, spaces, or numbers, and then upload.

EFFECTIVE 08/01/2018, the option to use an existing resume will no be longer available. On or after this date, please use the option to "Upload a new resume" to attach your CV or resume document.

Computers are available for application submission at the Human Resources Department located at 1980 Arthur Street - Louisville, Kentucky 40208. If you have any questions or problems please contact, Center for Faculty Personnel - FACPERS@louisville.edu or by phone 502-852-5301

If you require assistance or accommodation with our online application process, you may schedule an appointment at (502) 852-6258 with Employment Services at the Human Resources office located at 1980 Arthur Street, Louisville, KY 40208.

Online application form:

<https://www.higheredjobs.com/clickthru/redirect.cfm?JobCode=177093689>