New Faculty Position

University of California at Irvine, Department of Electrical Engineering and Computer Science

Convergence of controls, sensor circuits, computing, and communications with physical devices such as automobiles, air vehicles, and robots is leading to increasing levels of autonomy in a wide variety of domains. These span several industries such as agriculture, manufacturing, healthcare, and transportation. Furthermore, with the increase in the capabilities of artificial intelligence technology, the responsibility allocated to an autonomous system, or a team of autonomous systems, has increased significantly. Added to this is the emergence of shared autonomy between the human and robotic systems in collaborative tasks. As a result, autonomous systems need to be designed to facilitate the development and maintenance of high levels of human operator trust in and effective interaction with autonomous systems to achieve these goals.

The Department of Electrical Engineering and Computer Science at the University of California, Irvine, invites applications for an open-rank position as Assistant (Tenure Track), Associate (Tenured), or Full Professor in the broad area of robotics and autonomous systems. Topics range across all possible topics including, but are not limited to, machine vision for robotics, reinforcement learning, field and algorithmic robotics, and human-robot interaction.

At the time of hire, applicants are expected to have a doctoral degree in Electrical Engineering, Computer Science, or a related field from an accredited university. Successful candidates will be innovative leaders that can develop a vigorous externally funded research program, maintain a strong publication record, advise students, and provide outstanding teaching at the undergraduate and graduate levels.

Applications should include a cover letter, a statement of research and teaching interests, a curriculum vitae, a list of publications, up to three key publications, a statement describing commitment to diversity, and the names and contact information of three to five references. References will not be contacted until later stages of consideration, in consultation with the candidate.

Applications should be submitted electronically at https://recruit.ap.uci.edu/JPF07686. The screening will begin immediately upon receipt of a completed application. Applications will be accepted until the position is filled, although maximum consideration will be given to applications received by December 1, 2022.

The University of California, Irvine is part of the premier public university system in the world. UCI is a member of the Association of American Universities (AAU), is ranked as a top ten public university by U.S. News and World Report, and was identified by the New York Times as No. 1 among U.S. universities that do the most for low-income students. UCI is located in Orange County, 4 miles from the Pacific Ocean and 45 miles south of Los Angeles. Irvine is one of the safest communities in the U.S. and offers a very pleasant year-round climate, numerous recreational and cultural opportunities, and one of the highest-ranked public school systems in the nation.

Institutional Reference Check:

The University of California is committed to creating and maintaining a community dedicated to the advancement, application, and transmission of knowledge and creative endeavors through academic excellence; where all individuals who participate in University programs and activities can work and learn together in a safe and secure environment, free of violence, harassment, discrimination, exploitation, or intimidation. In support of this commitment, and as a means to address all forms of

academic misconduct, UC Irvine will conduct an institutional reference check on recruitment finalists of Senate Ladder-Rank Professor and Professor of Teaching series, at all ranks (i.e. assistant, associate, full), prior to extending a formal offer of appointment. Applications submitted via AP Recruit must include a signed copy of the Authorization to Release Information Form for consideration.

Information about the department is available at: http://engineering.uci.edu/dept/eecs