PhD Positions in intelligent control at the University of Kentucky, USA.

Description

Ph.D. openings are available beginning Spring 2020 and Fall 2020 in the Department of Mechanical Engineeringat the University of Kentucky, Lexington, KY, USA, on the topics of intelligent control. Our group'sfocus is on adaptive control and iterative learning control with applications to multiagent systems, constrainedformation systems, robot manipulation systems, and cyber-physical systems. More research detailscan be found on Dr. Xu Jin's website: https://www.engr.uky.edu/directory/jin-xu, and the externallinks included.

The positions include stipend, health care, and tuition support. The offers are valid for two years, andrenewable for additional years based on performance of the students.Qualifications: The applicants must first pass the GRE and TOEFL tests with satisfactory scores meetingthe departmental minimum requirement. Applicants with a strong background in mathematics, controlsystems, and/or robotics, and with experience in mathematical analysis, Matlab numerical simulations,hands-on experiences on robotic systems, are encouraged to apply. The applicant must demonstrate competentanalysis, experimental skills, and programming ability. Dates: Beginning Spring 2020 (1 position)and Fall 2020 (1 position).

How to apply: Applications should be emailed to Dr. Xu Jin at xu.jin@uky.edu, as soon as possible. Pleaseinclude a full CV (including GRE and TOEFL scores), PDFs of relevant publications, and names of at leastthree references. Upon initial email discussions, those who are encouraged to apply should then apply tothe department as soon as possible, and indicate my name in the application package.Short note about the department and the city: Mechanical Engineering is the largest department in the Collegeof Engineering with 35 tenured and tenure-track faculty members, over 1,000 undergraduate students,and over 120 graduate students. The department also has state-of-the-art computational facilities, researchlabs, and classrooms. The city of Lexington is ranked #3 Best City to Raise a Family, #21 Best Places toLive in America, and #31 Most Educated Cities in America. Located in the heart of the Bluegrass Region,Lexington is known as the "Horse Capital of the World".