The Department of Electrical and Computer Engineering (ECE) at the University of Illinois at Urbana-Champaign invites applications for a tenure-track faculty position in remote sensing and space sciences, with particular emphasis in one or more of the following areas: novel electro-optics and radio/radar technologies for probing the space environment; emerging sensor technologies for distributed sensing of the space environment; space flight hardware design and development; and high-performance scientific computing and numerical modeling and simulation of the space plasma environment. This position was created in part by a grant from the National Science Foundation for Faculty Development in the Space Sciences. Applications are encouraged from candidates whose research programs will complement existing strengths and activities at Illinois, and have the potential to expand into new directions and form new collaborations within the department, college, and university. The intended appointment is at the Assistant Professor level. However, candidates with significant experience may also be considered.

The ECE Department has one of the very top programs in the United States, granting approximately 350 B.S. degrees, 100 M.S. degrees, and 60 Ph.D. degrees annually. The department has a rich history of pioneering research and education leadership in the development of radio and optical sensing technologies and their applications to space science. The ECE Department has recently moved into its new 235,000 sq. ft. net-zero energy design building. The University of Illinois is home to Blue Waters - one of the most powerful supercomputers in the world, supported by the National Science Foundation and developed and operated by the University of Illinois’ National Center for Supercomputing Applications. Qualified candidates may be hired as Blue Waters Professors who will be provided substantial allocations on and expedited access to the supercomputer. To be considered as a Blue Waters Professor, candidates need to mention Blue Waters as one of their preferred research areas in their online application, and include a reference to Blue Waters in their cover letter.

Please visit http://jobs.illinois.edu and select Faculty Positions, College of Engineering: Professor (Open Rank) - Electrical and Computer Engineering (F1500094), to view the complete position announcement and application instructions. Full consideration will be given to applications received by December 15, 2015, but applications will continue to be accepted until the position is filled. Enquiries may be directed to Professor Farzad Kamalabadi, Chair of the Faculty Search Committee; e-mail: farzadk@illinois.edu; phone: 217-333-4406.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.

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