

Electrical and Computer Engineering, Michigan State University Faculty Positions in Applied Electromagnetics

Join Michigan State University's Global Impact Initiative, designed to address the grand challenges through the creation of over 100 new faculty positions in some of the most promising and exciting fields of research. We welcome applicants from diverse backgrounds. MSU offers an inclusive and collaborative work environment. To learn more visit research.msu.edu/global-impact.

The Department of Electrical and Computer Engineering (ECE) at Michigan State University invites applications for two tenure-system faculty positions in the broad area of applied electromagnetics. Applicants must have a Ph.D. in Electrical Engineering or a closely related field, with expertise in, but not limited to:

Position-1: RF hardware, including materials and devices, integrated circuits, micro-systems and packaging; EMI/EMC for autonomous systems.

Position-2: Application driven design and implementation of RF sensors and systems, and development of multiphysics and multiscale algorithms for describing their behavior.

The successful candidate will be expected to collaborate with colleagues within the ECE Department and the College of Engineering to complement an internationally recognized program in applied electromagnetics. All applications must demonstrate evidence of strong research potential, interest in both undergraduate and graduate teaching, and a serious commitment to teamwork. These positions are targeted at the junior faculty level, but senior candidates with outstanding credentials may be considered.

The Electrical and Computer Engineering department has a strong interdisciplinary research and educational programs on a foundation of core electrical and computer engineering disciplines and provides first-class education while engaging in research at the frontiers of knowledge. The Department has 49 faculty members, including two National Academy of Engineering members, 18 IEEE Fellows, and 13 NSF CAREER awardees. The Department has strong research programs in all major areas of electrical and computer engineering, with annual research expenditure of about \$18M. Faculty in the Department are leading several federal and industry-supported centers, including the NSF Science and Technology Center BEACON, and the Fraunhofer Center for Coatings and Laser Applications. The Department has accredited B.S. degree programs in both Electrical Engineering and Computer Engineering. The current enrollment is approximately 260 full-time graduate students and 770 undergraduate students. For additional information about the ECE Department, the College of Engineering or MSU, see: <http://www.egr.msu.edu/ece/>.

MSU enjoys a park-like campus with outlying research facilities and natural areas. The campus is adjacent to the city of East Lansing and the capital city of Lansing. The Lansing metropolitan area has a diverse population of approximately 450,000. Local communities have excellent school systems and place a high value on education. Michigan State University is pro-active in

exploring opportunities for employment for dual career couples, both inside and outside the University. Information about MSU's dual career support can be found at <http://miwin.msu.edu/>. Information about WorkLife at MSU and the College of Engineering can be found at <http://www.egr.msu.edu/WE>.

Interested individuals should submit only one application through: <http://jobs.msu.edu/> and indicate their preference by applying to #2248 for position-1 or #2247 for position-2. Applicants must submit a detailed resume, a cover letter summarizing their qualifications, vision statements for teaching and research, and the names and contact information for five references. Applications will be reviewed on a continuing basis until the position is filled. For full consideration, applications should be received before February 1st, 2016. Nominations or questions are welcome by contacting the search committee chair through email at ece-appliedEM-facultysearch@egr.msu.edu.

Michigan State University has been advancing the common good with uncommon will for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

MSU is an affirmative-action, equal opportunity employer. MSU is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The university actively encourages applications or nominations of women, persons of color, veterans, and persons with disabilities.