Electrical and Computer Engineering, Michigan State University
Faculty Position in Nondestructive Evaluation

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 http://research.msu.edu/global-impact.

The Department of Electrical and Computer Engineering in the College of Engineering at Michigan State University invites applications for a tenure-system faculty position in the area of nondestructive evaluation (NDE). Candidates must have an earned PhD in Electrical Engineering or related field, with expertise in the multidisciplinary area of nondestructive evaluation (NDE) methods, including, but not limited to, computational modeling, NDE sensors and systems-design, and inverse problems. The candidate is expected to make significant contributions to research, participate in teaching and mentor undergraduate and graduate students.

This position is targeted at the junior faculty level, but senior candidates with outstanding credentials may be considered. Successful candidates are expected to leverage existing programs and facilities, and build on inter- and cross-disciplinary research strengths at MSU. The College of Engineering has a well-established NDE Laboratory with exciting opportunities for collaboration with the Composite Materials and Structures Center, Composites Vehicle Research Center, and Fraunhofer Center. Senior-level candidates should have a distinguished track record of research, innovation and sustained external funding from diverse sources.

The Electrical and Computer Engineering department has 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.

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 an application for this position through: http://jobs.msu.edu/ and refer to position #2246. 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 January 25th, 2016. Nominations or questions are welcome by contacting the search committee chair through email at ece-NDEfacultysearch@egr.msu.edu. The position is available on August 16, 2016.

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.