

FACULTY POSITION IN ACCELERATOR PHYSICS AT MICHIGAN STATE UNIVERSITY

Michigan State University (MSU) is seeking outstanding candidates for a faculty position in accelerator physics and engineering. MSU is establishing the Facility for Rare Isotope Beams (FRIB) as the leading rare isotope scientific user facility for the U.S. Department of Energy Office of Science and is operating the National Superconducting Cyclotron Laboratory (NSCL) as a world-class laboratory for nuclear science with funding from the U.S. National Science Foundation (NSF).

The successful candidate is expected to conduct world-leading research and innovative technology development, and contribute to the strong graduate program in accelerator physics leveraging the opportunities provided by FRIB. Present research at FRIB/NSCL addresses cutting-edge accelerator physics and technology including superconducting radiofrequency (SRF) cavities, large scale cryogenics, advanced beam dynamics, large-scale numerical modeling, integrated controls, diagnostics, and instrumentation. New areas of research include those associated with the FRIB accelerator upgrade and the next generation high intensity and high power accelerators.

Faculty appointments will be in the FRIB/NSCL faculty system at a rank commensurate with experience. FRIB/NSCL faculty members typically have joint appointments in an MSU academic department, such as Physics and Astronomy, or Engineering, where they are expected to teach courses and supervise graduate students. Details about FRIB/NSCL faculty appointments are provided at www.hr.msu.edu/documents/facacadhandbooks/NSCLFacPos.htm.

Applicants must have a Ph.D. or equivalent and are normally expected to have postdoctoral experience. The search committee will begin reviewing applications starting February 1, 2016. Application packets should include a cover letter addressed to the accelerator physics faculty search committee, a CV that includes a list of publications and talks, a research plan of no more than two pages, and the names and email addresses of at least three references. Application materials should be emailed to careers@frib.msu.edu.

MICHIGAN STATE

U N I V E R S I T Y

MSU is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

MSU is an Affirmative Action, Equal Opportunity Employer.