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DEPARTMENT OF PHYSICS & ASTRONOMY
FACILITY FOR RARE ISOOTOPE BEAMS (FRIB) LABORATORY
DEPARTMENT OF COMPUTATIONAL MATH, SCIENCE, AND ENGINEERING

Job Title: Computational Lattice Quantum Chromodynamics (LQCD)

The Department of Physics & Astronomy (PA), the Facility for Rare Isotope Beams (FRIB) Laboratory, and a new department of Computational Math Science and Engineering (CMSE) invite applications from outstanding candidates for three faculty positions at Michigan State University in the area of computational Lattice Quantum Chromodynamics (LQCD).

We anticipate filling one or more of the positions at a senior level with tenure. We are looking for candidates with an excellent record in applying large-scale computing to solving cutting-edge scientific problems in the domains of nuclear physics (relevant to the Facility for Rare Isotope Beams) and high energy physics. We expect that these hires will work together to establish an internationally prominent and well-funded activity in LQCD and its applications to high energy and nuclear physics.

These positions are part of a committed multi-year effort to build the computational sciences programs at Michigan State University. Each position will be a joint appointment between the new CMSE department and PA/FRIB. Faculty will have a primary appointment in one of the three participating units (PA, FRIB, CMSE), and we anticipate one appointment in each of these units. In addition to developing a world-leading research group with strong disciplinary and interdisciplinary collaborations, the new faculty members are expected to contribute to the development of an innovative curriculum in computational sciences, at both the graduate and undergraduate levels.

These positions are listed on the MSU Applicant Page (https://jobs.msu.edu), postings 1081 (PA & CMSE) and 1214 (FRIB). Applications should be uploaded to MSU’s online job application site, https://jobs.msu.edu, and should include a cover letter, CV, statement of research plans, and a one-page teaching statement, all included in a single pdf file.

In addition, four letters of recommendation should be submitted electronically by the recommenders through this application system. Applications by senior candidates should include at least two additional references.

Applications will be reviewed starting September 15, 2015, and the search will continue until the positions are filled. Questions regarding these positions may be directed to: Prof. Sekhar Chivukula (sekhar@pa.msu.edu); Prof. Shankar Balasubramaniam (bshanker@egr.msu.edu) or Prof. Witold Nazarewicz, (witek@frib.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 and 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. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.