Faculty Position in Experimental Particle Physics Department of Physics, Purdue University

The Department of Physics at Purdue University seeks applications for a tenure track faculty position in the area of experimental particle physics. The position is expected to be filled at the rank of Assistant Professor. We are interested in outstanding scientists that will complement the current efforts within the department.

Purdue has major responsibilities in the CMS experiment and is involved in the Mu2e, XENON100/XENON1T, STAR, LSST and VERITAS projects. Synergies exist with groups in astrophysics, theory, nuclear physics and solid state physics. The department offers a state-of-the-art in-house facility with resources applicable to silicon detector design, development and fabrication. Applicants must have a Ph.D. in physics or related field with a documented record of research accomplishments. Candidates are expected to supervise graduate students, teach both undergraduate and graduate courses, and serve on departmental, college and university committees. Salary and benefits are highly competitive.

Questions regarding this position and search should be directed to the Chair of the search committee, Professor John Finley (finley@purdue.edu). Interested candidates should submit their curriculum vitae, a list of publications to which the applicant was instrumental, brief descriptions of their planned research program and of their teaching philosophy, and arrange for the delivery of 3 supporting letters of recommendation. Electronic submission at https://www.physics.purdue.edu/searches/app is preferred.

Review of applications will begin immediately and will continue until the position is filled. For full consideration, applications should be submitted by February 15, 2015. Purdue University requires a background check for employment in all positions. Purdue University is responsive to the needs of dual career couples, has received an NSF ADVANCE Award for gender equity, and is dedicated to work-life balance through an array of family-friendly policies. Purdue University is an EEO/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.
research and education. The department of Physics and Astronomy will consider outstanding candidates with an interest in all data-related areas of physics with equal priority given to all areas. Examples of specific fields of interest in existing research groups are astrophysics, biophysics, nuclear physics and particle physics. The new hires will join a strong faculty group engaged in this thrust area and will have a unique opportunity to help shape Purdue's vision and research/education agenda in Big Data. Candidates for tenure and tenure-track positions at the Assistant/Associate professor level will be considered. Strong interest in inter-disciplinary activities is required.

A detailed description of open positions is available at: http://www.purdue.edu/bigdata/hiring.

Candidates must hold a Ph.D. degree in physics or in a closely related discipline, have demonstrated potential for excellence in research, and be committed to excellence in teaching. Successful candidates will be expected to teach undergraduate and graduate courses, conduct research in their field of expertise, and participate in interdisciplinary Big Data activities.

Salary and benefits are highly competitive, and Purdue is a dual career friendly employer. Submit applications online at http://www.purdue.edu/bigdata/hiring. The application should include a cover letter, a complete and detailed vitae, and statements of research and teaching interests. Also, please include names, addresses, telephone numbers, and email addresses for three or more references. For questions regarding the application process, please contact Nicole Piegza (piegza@purdue.edu). Applications for positions to begin in fall 2015 are being considered as of October 9, 2014; the review will continue until the positions are filled. A background check is required for employment in all positions at Purdue University. Purdue University is an EEO/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.