

FACULTY POSITION IN THEORETICAL HIGH ENERGY/PARTICLE PHYSICS

The Department of Physics and Astronomy in the College of Science at Purdue University (www.physics.purdue.edu) seeks applications for a faculty position at the level of Assistant Professor in the field of **theoretical high-energy/particle physics**.

This position is part of a continued expansion and investment in a large-scale hiring effort across key strategic areas in the College of Science, Purdue's second-largest college, which comprises the physical sciences, computing and life sciences. Under new leadership the college is pursuing significant new growth in the area of Quantum Information Sciences and opportunities abound for collaboration across the Colleges of Science and Engineering.

Areas of main interest to the Department are string theory and applications, phenomenology of and beyond the standard model, and theoretical cosmology but excellent candidates in any broadly defined high-energy/particle physics area will be considered. The Department is involved in the CMS, Mu2e, XENON1T/nT, LBECA and LSST experiments. Candidates are required to have a doctoral degree in physics or related field and a documented record of research accomplishments. Candidates are expected to develop a vigorous research program, supervise graduate students, and teach undergraduate and graduate level courses.

Applicants should send a curriculum vita, a brief statement of present and future research plans, a statement of teaching philosophy, and arrange for three letters of recommendation. Electronic submission at <https://www.physics.purdue.edu/searches/app/> is preferred. Questions regarding the position and this search should be directed to ppsearch@purdue.edu. Applications completed by November 15, 2018 will be given full consideration, although the search will continue until the position is filled. A background check will be required for employment in this position.

Purdue University's Department of Physics and Astronomy is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in the cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.