Experimental Condensed Matter Physics

The Department of Physics and Astronomy at Purdue University (www.physics.purdue.edu) seeks applications for a faculty position at the level of Assistant Professor in the field of experimental condensed matter physics. We envision a junior hire to complement existing strengths in the condensed matter group. Areas of current research interest in the Department include non-Abelian fractional quantum Hall physics, nanoscale phenomena, novel topological phases of matter, quantum computing and information processing, and exotic superconductivity. The experimental condensed matter group also makes frequent use of the state-of-the-art facilities available in Purdue’s Birck Nanotechnology Center (http://www.purdue.edu/discoverypark/birck). Individuals pursuing novel experimental techniques to probe condensed matter systems are particularly encouraged to apply. Candidates are required to have a doctoral degree in physics or related field and a documented record of research accomplishments. A successful candidate is 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 is preferred: https://www.physics.purdue.edu/searches/app/. Questions regarding the position and search should be directed to Prof. Michael Manfra (mmanfra@purdue.edu). Applications completed by January 11, 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 their 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 EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.