College of Applied Science and Engineering  
Department of Physics  
Assistant Professor – Condensed Matter Physics

The Department of Physics anticipates filling at least one tenure-track Assistant Professor position in experimental condensed matter physics, to begin as soon as the Fall 2016 semester. Appointments at a more senior level may be considered for exceptional candidates.

The Department of Physics, housed in the College of Applied Science and Engineering, offers M.S. and Ph.D. degrees in Applied Physics, with research focusing on condensed matter, ultrafast optical, nuclear and astroparticle physics. The experimental and theoretical condensed matter efforts in particular are quite interdisciplinary. The department is also known for educational innovation in its ABET-accredited undergraduate degree in Engineering Physics, which is one of the largest physics programs in the country. We are interested in a candidate or candidates who can collaborate with our experimental and theoretical faculty at the frontiers of condensed matter physics. The current research activities and strengths of the department can be found at http://physics.mines.edu.

Located in Golden, in the foothills of the Rockies, we have excellent relations with nearby National Renewable Energy Laboratory, the National Institute of Standards and Technology, the National Center for Atmospheric Research, the University of Colorado, Colorado State University and the Aspen Center for Physics. The dynamic science and technology community along Colorado’s Front Range affords many collaborative opportunities. CSM is a public university with enrollment of over 5000 students in undergraduate and graduate degree programs in engineering and applied science.

Responsibilities: We seek candidates who will develop externally funded and internationally recognized research programs in areas that complement the current research efforts in the department and who will collaborate well with colleagues both in and outside the department. Mines is committed to providing an outstanding educational experience and applicants must show promise for and interest in developing and teaching courses across the upper-level undergraduate and graduate programs. Mentorship of students at all levels and from underrepresented groups is an important aspect of the position.

Mines is an Equal Opportunity/Affirmative Action employer and educator that recognizes that diversity is crucial to its pursuit of excellence in learning and research. Mines is committed to developing student, faculty, and staff populations with differing perspectives, backgrounds, talents, and needs and to creating a richer mix of ideas, energizing and enlightening debates, deeper commitments, and a host of educational, research, and service outcomes. As such, Mines values candidates who have experience working in settings with individuals from diverse backgrounds. Minorities, women, veterans, and persons with disabilities are strongly encouraged to apply.

Qualifications: Candidates must have earned a doctoral degree in physics or a related field by August 2016, and the demonstrated potential for successful teaching, scholarship and service. The successful candidate must have a strong commitment to undergraduate/graduate education, excellent communication skills, and excellent interpersonal skills to work effectively as a member of a teaching team.

Compensation: Salary and benefits will be commensurate with qualifications and experience. Mines also provides an attractive benefits package including fully paid health insurance, dependent tuition benefits, parental leave benefits and dependent care assistance through a flexible spending plan.

How to Apply: Applicants must submit a cover letter, complete curriculum vitae, a plan of proposed research plan, a description of teaching philosophy and methods, and the names and contact information (mailing and email addresses, phone number) for three professional references. The research and teaching...
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Employment with Mines is contingent upon the satisfactory completion of a background investigation.

statements should describe both the intellectual merit and some broader impacts of the plans (e.g. opportunities for industrial and community outreach, mentoring, promoting diversity, or development of facilities). Send materials to: Colorado School of Mines, Human Resources Office, Search 16-CASE4X, 1500 Illinois Street, Golden, CO 80401, Fax: (303) 384-2025.

Electronic applications are encouraged and will be accepted at fsearch@mines.edu. If using this method of application, please put the search number as indicated above (in bold) in the subject line to ensure that your materials are properly forwarded to the search committee.

Review of applications will begin by December 1, 2015.

For inquiries regarding the position, please contact the chair of the search committee: Professor Chip Durfee, cdurfee@mines.edu.