



Postdoctoral Researcher Position on electron/neutrino scattering at Virginia Tech

The Center for Neutrino Physics at Virginia Tech invites applications for one research associate position. The Virginia Tech group is involved in the study of neutrino interactions with matter and their effects on the determination of neutrino oscillation parameters. The successful candidate will work primarily on developing and testing nuclear models for neutrino interactions using neutrino and electron scattering data on argon. The candidate will work on the preparation of an electron scattering experiment on Argon/Titanium at Jefferson Lab including data taking and analysis. The successful candidate will be involved in neutrino interaction measurements using the MicroBooNE detector. Work will also involve collaborating with leading theorists in the field in developing and validating nuclear models for neutrino interaction Monte Carlo generators. Duties may also include supervising and coordinating the work of other researchers and personnel, especially graduate and undergraduate students, and development of future efforts such as the DUNE experiment. The successful candidate will be based in Blacksburg, VA but will be required to spend some period of time in Fermilab, Chicago and Jefferson Lab, VA.

The successful applicant must hold a Ph.D. in experimental particle or nuclear physics. Experience in neutrino/electron scattering is preferred. This position is available starting 07/10/2016, or any later, mutually agreed date. The initial appointment will be for one year, with the possibility of extension for up to three years.

For a complete listing of position qualifications, and to apply, please visit www.jobs.vt.edu, and search for posting [SR0160037](#). Applicants should complete the faculty application online and attach a letter of application addressing the applicant's qualifications for this position; current curriculum vitae; and the names of three references. Also please arrange to have three letters of recommendation sent directly to Dr. Camillo Mariani at mariani@vt.edu or mail to the Virginia Tech Physics Department; 315A Robeson Hall; M/C 0435; Blacksburg, VA 24061-0435. Review of applications will begin immediately and continue until the position is filled. Virginia Tech is an Equal Opportunity/Affirmative Action employer, and offers a wide range of networking and development opportunities to women and minorities in science and engineering. Individuals with disabilities desiring accommodations in the application process should notify Ms. Jacqueline Woodyard, Physics Department, (540)231-7566, or call TTY 1-800-828-1120.