Postdoctoral Associate with the William and Mary Department of Physics Nucleon Form Factor Group

The continuation of the systematic investigation of the nucleon form factors, using double polarization techniques, requires the contribution of a postdoctoral research associate to design, build and test new detectors for several experiments at Jefferson Lab. Our group is involved in experiments in all A and C and is now focusing on the program which will start with the completion of the 12 GeV energy upgrade. We have recently completed a series of experiments measuring the proton form factor ratio by recoil polarization up to 8.5 GeV^2. Experiments to continue these investigations to higher Q^2 and to other light nuclear targets are either approved or in preparation.

Applicants must have a Ph.D. in physics and graduate level experience in experimental nuclear and high energy physics. Hardware and simulation experience is desirable. The successful candidate will remain at Jefferson Lab full time during the term of the position and will focus primarily on hardware projects associated with the 12 GeV program.

This position is for one year initially, and renewable for up to two additional years upon mutual agreement.

To apply, please send a cover letter and a curriculum vita to Prof. Charles F. Perdrisat
Physics Department
College of William and Mary
Williamsburg VA 23187-8795

E-mail: perdrisa@jlab.org, and arrange for three letters of reference. After submission, your referees will be contacted by us via email to submit a letter of reference.