The Department of Physics at the University of Virginia invites applicants for a Postdoctoral Research Associate position to work on the CMS Experiment at the Large Hadron Collider. Our group is active in analyses involving searches for physics beyond the standard model, physics of the Higgs sector, and extending standard model measurements at the energy frontier.

Our group has made major contributions to the construction and operations of the Electromagnetic Calorimeter (ECAL) and is a strong participant in upgrade efforts including studies of future calorimetry designs, evaluations of new light detectors for high radiation environments, and electronics for the Hadron Calorimeter (HCAL) in preparation for the next data run. The CMS effort at Virginia comprises three faculty, two senior researchers, two postdoctoral researchers, and six graduate students, working under Professors Bradley Cox, Robert Hirosky, and Christopher Neu.

The successful candidate must have a strong record in physics analysis, and some experience with detector hardware is preferred. The successful candidate is expected to take leading roles in physics analysis and to contribute to our institutional responsibilities and upgrade activities. Candidates must be able to participate in substantial deployment(s) to CERN. A Ph.D. in experimental high energy physics is required at appointment start date.

To apply, candidates must submit a candidate profile on-line through Jobs@UVA (https://jobs.virginia.edu) and electronically attach the following: curriculum vitae, cover letter, and the contact information for at least three (3) professional references; search on posting number 0609852.

Candidates should arrange to have at least three (3) letters of recommendation sent to:  Prof. Robert Hirosky Hirosky@Virginia.EDU or Department of Physics University of Virginia P.O. Box 400714 Charlottesville, VA 22904-4714

Review of completed applications will begin on May 22, 2012; however the position will remain open until filled. Questions regarding the Candidate Profile process or Jobs@UVA should be directed to: Tammie Shifflett 434-924-6565 tms4k@Virginia.EDU

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. Women, Minorities, Veterans and Persons with Disabilities are encouraged to apply.

Email for Reference Letters: Hirosky@Virginia.EDU

Contact: Bob Hirosky
Email: Hirosky@Virginia.EDU
Letters of Reference should be sent to: Hirosky@Virginia.EDU

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