POSTDOCTORAL RESEARCH ASSOCIATE POSITION
Experimental High Energy Physics University of Illinois at Chicago

The High Energy Physics group at the University of Illinois at Chicago (UIC) seeks to hire a postdoctoral research associate to work on the CMS experiment. The candidate will join our ongoing program led by Profs. Adams, Cavanaugh, Gerber, Mills, and Varelas. Our group contributes to the ongoing Phase-1 pixel R&D for the HL-LHC upgrade and the Level-1 and High-Level trigger systems. We are very active in the analysis of CMS collider data, with broad interests including Higgs boson production, QCD, Vector Boson and top quark production, and searches for signatures beyond the Standard Model.

The successful candidate will have the opportunity to analyze CMS collider data and to develop and construct hardware for the upgrade of the CMS detector. The analysis program will focus on Higgs bosons and related searches for physics beyond the Standard Model. Hardware work will be part of our group’s commitment to the upgrade of the forward pixel tracker for the high-luminosity LHC. UIC is located in downtown Chicago, driving distance from Fermilab. This position will be based at Chicago/Fermilab because of the hardware responsibilities, but there is the possibility of also spending an extended period at CERN.

Candidates should have a Ph.D. in high-energy physics or related field, and preference will be given to applicants with experience or strong interest in silicon tracker systems. The search will close November 1, 2016.

Interested candidates should provide a curriculum vita, a brief description of research interests, and the names of three references, via https://jobs.uic.edu/job-board/job-details?jobID=70388&job=postdoctoral-research-associate. For general questions about this position, please contact Professor
Corrinne Mills at cmills10@uic.edu.

The University of Illinois at Chicago is an Equal Opportunity, Affirmative Action employer. Minorities, women, veterans, and individuals with disabilities are encouraged to apply. The University of Illinois conducts background checks on all job candidates upon acceptance of contingent offer of employment. Background checks will be performed in compliance with the Fair Credit Reporting Act.