POSTDOCTORAL POSITION

BROWN UNIVERSITY
Experimental High-Energy Physics

The experimental particle physics group at Brown University has immediate availability for a postdoctoral research associate. The group led by Profs. Cutts, Heintz, Landsberg, and Narain, plays a leading role in the CMS experiment at the LHC. We are pursuing an exciting physics program at the new, 13 TeV energy regime to be opened up by the LHC, which recently discovered a Higgs boson and offers the continual possibility of major new discoveries. Our group has leading roles in searches for new physics, as well as in Higgs and Top physics. We are major contributors and hold institutional responsibilities for b tagging and tracking algorithms, trigger, computing, hadron calorimeter, silicon tracker, and the HL-LHC upgrade of CMS, including tracker and HGCAL. Our group has also strong presence with the LHC Physics Center at Fermilab.

We offer challenging opportunities associated with our responsibilities in CMS and exciting possibilities in the analysis of the discovery-quality CMS data of the high-energy LHC run of 2015-2017. The successful applicant is expected to take a leading role in CMS physics analysis, help maintain our detector responsibilities, and/or spearhead the R&D for the CMS upgrade. A Ph.D. in experimental particle physics and significant experience with data analysis, as well as hardware experience are preferred.

Interested candidates should submit application materials (curriculum vita and arrange to have three letters of recommendation) online at https://academicjobsonline.org/ajo/jobs/6056. For full consideration, applications should be submitted by October 1, 2015, but the position will remain open until filled. For inquiries, please contact Greg.Landsberg@cern.ch.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, gender, race, protected veteran status, disability, or any other legally protected status.