

The University of California, Riverside has an immediate opening for a post-doctoral researcher in high energy physics to work on the CMS experiment at CERN. Experimental HEP at UCR currently consists of five faculty, one research scientist, and six graduate students. Our subgroup (two faculty and two students) physics interests are focused on the study of the properties of the recently discovered Higgs boson, precision top quark physics and its use as a tool to search for new phenomena. The group is also actively involved with the operation of the end-cap muon (cathode strip chamber) detectors, as well as upgrades and tests to ensure the longevity of the muon system for the high luminosity phase of the LHC.

The successful candidate would be expected to contribute to our work on the CMS detector and to contribute to one or more of our ongoing analyses. The candidate would be based at CERN with the expectation of trips to both UCR and Fermilab (US host lab for CMS).

Applicants should have a PhD in experimental high energy physics. Familiarity with modern programming languages (e.g., C++) would be very useful.

For further information, contact Robert Clare (Robert.Clare@ucr.edu) or Stephen Wimpenny (Stephen.Wimpenny@ucr.edu).

Applicants should send a curriculum vitae and a description of research experience, and arrange for three letters of recommendation to be sent to Ms Christina Taylor (christina.taylor@ucr.edu):

Christina Taylor
ATTN: HEP Post-doc Position
Department of Physics and Astronomy
University of California, Riverside
Riverside, CA 92521-0413

The deadline for applications is March 31, 2020.

The University of California is an Equal Opportunity / Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.