

Postdoctoral Position in Experimental High Energy Physics at UC Davis

The experimental high energy physics group at the University of California, Davis invites applications for a postdoctoral research position in experimental particle physics on the CMS experiment. A Ph.D. in particle physics is required. The CMS team at UC Davis currently comprises five faculty, one senior researcher, and a number of postdoctoral researchers and graduate students. The successful candidate will work under the supervision of Prof. Robin Erbacher, and is expected to play a leading role within the endcap muon CSC and/or GEM detector subsystems, both on upgrades and operations. She/he will also work on the analysis of data from the LHC, particularly in the areas of searches for new particles, measurements and searches using jet substructure, and development of advanced techniques in particle tagging including applications using machine learning, and is expected to have the opportunity to take leading roles in these areas. It is anticipated that the work will be based at CERN for a major portion of the duration of the appointment. There may eventually be opportunities for some presence at the Fermilab LHC Physics Center or U.C. Davis as well.

The position is open immediately. Interested candidates can apply by sending a cover letter, curriculum vita, and statement of research interests and experience, all in PDF format, and arrange to have at least three letters of reference sent to:

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<http://www.physics.ucdavis.edu/employment/docs/postdoc-cms-2019.pdf>

Inquiries should be directed to postdoc-cms-2019@physics.ucdavis.edu