

## **Postdoctoral Positions in Experimental High Energy Physics at UC Davis**

The experimental high energy physics group at the University of California, Davis, invites applications for a number of postdoctoral research positions in experimental particle physics on the CMS experiment. A Ph.D. in particle physics is required.

The UC Davis group has been deeply involved in CMS since its beginning, and has made major contributions to both hardware and software aspects of the forward pixel, endcap muon, and trigger systems. Currently, the group is participating in detector operations and upgrades, and is heavily involved in data analysis in many areas. These include Higgs measurements, searches for exotic Higgs and dark matter phenomena with leptons (including taus), searches with photons, and searches with boosted top quarks and vector bosons. The group is also developing projects for detector upgrades for High-Luminosity LHC. The CMS effort at UC Davis comprises five faculty, one senior researcher, five postdoctoral researchers, and ten graduate students. There are a number of positions available, working under Profs. Maxwell Chertok, John Conway, Robin Erbacher, Michael Mulhearn, and Mani Tripathi.

Interested candidates should send 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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**One Shields Avenue**  
**University of California**  
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<http://www.physics.ucdavis.edu/employment/docs/postdoc-ad.pdf>

**Inquiries should be directed to [hee-postdoc@physics.ucdavis.edu](mailto:hee-postdoc@physics.ucdavis.edu)**