

The experimental high energy physics group at Texas A&M University **invites applications for two postdoctoral research associate positions to work on the CMS experiment** at the Large Hadron Collider (LHC).

The TAMU CMS group is actively engaged in physics analyses focusing on Higgs (such as di-Higgs and non-Standard Higgs production) and Beyond the Standard Physics (such as supersymmetry, heavy gauge bosons, and other cosmologically or experimentally motivated scenarios of new physics). The group is particularly active in detector and electronics R&D, muon (CSC and GEM) and trigger upgrades, as well as detector operations. For more information on the TAMU-CMS group, visit <https://u.tamu.edu/tamu-cms>.

Candidates should anticipate taking leading roles in physics analyses as well as detector upgrade R&D and/or operations and should expect a non-negligible amount of travel, including internationally. Primary locations for the positions can potentially include CERN, Texas A&M University, or Fermilab and are negotiable depending on individual circumstances and specific projects; primary location may change over time as projects evolve. Candidates must possess an earned Ph.D. in experimental particle physics or a related field and must have demonstrated abilities pertinent to the anticipated activities. While we anticipate successful candidates to join the group as soon as possible, the actual start date may be negotiable. Salary will be commensurate with experience.

To apply, upload a single pdf with cover letter, CV, publication list, and a brief statement of research interests (maximum five pages) at

[https://tamus.wd1.myworkdayjobs.com/en-US/TAMU\\_External/job/Postdoctoral-Research-Associate\\_R-078519](https://tamus.wd1.myworkdayjobs.com/en-US/TAMU_External/job/Postdoctoral-Research-Associate_R-078519) . As part of the application process, applicants will be asked to request at least three letters of reference through Xref; this will be initiated by the Department of Physics and Astronomy for every applicant. **For full consideration, applications must be received by November 15, 2024**; however, applications will be considered until the positions are filled. For more information contact any of PIs in the group: Prof. Eusebi ([eusebi@tamu.edu](mailto:eusebi@tamu.edu)), Prof. Safonov at [safonov@tamu.edu](mailto:safonov@tamu.edu), or/and Prof. Kamon ([t-kamon@tamu.edu](mailto:t-kamon@tamu.edu)).