

Peking University, Beijing

Experiment: CMS

Position: postdoctoral researcher

Deadline on November 1st, 2020

Job description:

The Experimental High Energy Physics group at Peking University (PKU) invites applications for a postdoctoral position on the CMS experiment at the LHC.

The PKU CMS group currently consists of five professors, four postdoctoral researchers, and around twenty graduate students. The group strongly involves in the SM electroweak physics (multi-boson, VBS/VBF processes, double Higgs production etc.) and the B-physics sector. The group has long-term researches on gas detectors and the relevant electronics. The group developed the front-end electronics of GEM detectors for the phase II upgrade and will host one of the production stations in the coming year.

The successful candidate is expected to work on but not limited to the double Higgs searches. The successful candidate will also have the chance to contribute to the muon detector upgrade including the local production and the commissioning at CERN as well as the online operation, which requires the candidate to spend a large fraction of time at CERN.

The position is initially for two years with possible extensions upon mutual agreement. It will start as soon as possible when the decision is made.

The successful candidate should have a Ph.D. in particle physics, or equivalent, by the time when he/she starts the position at Peking University.

Applicants should prepare a cover letter, a CV, a short research statement, and arrange three recommendation letters. Please send them to Prof. Xiaohu SUN via Xiaohu.Sun@cern.ch. Applications before November 1st, 2020 will receive full consideration.