PhD position in experimental particle physics at the University of Zurich

We invite outstanding applicants for PhD positions at the University of Zurich in particle physics research on the CMS experiment.

The recent discovery of a new 125 GeV particle, consistent with that of the Higgs boson, has been a huge success for particle physics, and 48 years in the making. Our studies now turn to measuring properties of this new particle to see if it is part of a more grand theory, as well as investigating other mysteries of the universe such as dark matter.

The UZH CMS group is focused on studies of the Higgs boson, and the emergence of beyond standard model physics in events with high Pt objects. The group is also involved in the upgrade of the CMS pixel detector. The University of Zurich high energy physics group has been involved in CMS since 1995, and its faculty have played strong roles on collider experiments at CMS, ATLAS, LHCb, CDF, D0, and H1.

A master's degree or diploma in physics and a solid background in particle physics are required. The ideal candidate will have interest in both data analysis and detector instrumentation.

Applicants should send a curriculum vitae, a list of publications, a statement of research interests, and arrange for two letters of recommendation to be sent to Prof. Ben Kilminster with a subject of "CMS PhD [your last name]".

Materials should be emailed (in pdf format), and received by Sept. 1st. Complete applications will be considered immediately, for a starting date as early as October.

Applications received after that date will be considered until the position is filled.

For more information about the position, please email Prof. Kilminster.

Contact: Ben Kilminster
Email: ben.kilminster@physik.uzh.ch
Letters of Reference should be sent to: ben.kilminster@physik.uzh.ch