Ph.D. Research Positions at UCL - CMS or NA62 experiments

The center for Cosmology, Particle Physics and Phenomenology (CP3, http://cp3.phys.ucl.ac.be/) of the Université catholique de Louvain (UCL) in Louvain-la-Neuve (Belgium) invites applications for positions aimed to obtain a Ph.D. in experimental particle physics. Research will be conducted in the context of the CMS or NA62 experiments at CERN.

The research of the UCL CP3 experimental group is led by profs. G. Bruno, E. Cortina, C. Delaere, A. Giammanco, V. Lemaitre, and K. Piotrzkowski. CMS activities currently focus on physics data analysis, software development for physics object reconstruction, and upgrade of the CMS inner tracker detector. Physics data analysis is carried out within the following CMS groups: beyond-two-generations, electroweak, exotica, forward, Higgs, and top quark. NA62 activities focus on physics data analysis of very rare kaon decays. The UCL-NA62 group is also involved in the operation and study of the performance of the Gigatracker spectrometer. UCL hosts one of the Tier-2 centers of the LHC computing GRID and physics studies are pursued in close collaboration with theoreticians within the CP3 center.

The positions are open to candidates of any nationality. Although the positions will remain open until suitable candidates are found, interested persons are encouraged to apply before 20 September 2015, when the first application screening will take place. Applications, including curriculum vitae, a list of publications, and at least two letters of recommendation must be submitted online at http://cp3.irmp.ucl.ac.be/Jobs/Details/CP3-15-CMSNA62-PhD.

For more information, please, contact any of the persons mentioned above (full contact details can be found at http://cp3.irmp.ucl.ac.be/Members/).