Post-doctoral Research Scientist position at UCL - 70% of working time on general computing support

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 one position at the post-doctoral level to join its team of research scientists. This team is charged on one side (70%) with providing general computing support to the CP3 research center, including the maintenance, running and development of the CP3 computing cluster, and on the other (30%) with participating in any of the CP3 research projects.

The UCL CP3 center hosts research on fundamental interactions and cosmology, equally strongly on the experimental and theoretical fronts. The aim of the center is to bring together researchers in these scientific fields and to encourage collaboration. More than 60 scientists from all over the world currently work at CP3.

CP3 runs a computing cluster with resources (2500 cores and 1400 TB) dedicated and shared among the following research projects: CMS experiment, NA62 experiment, cosmology, and MadGraph/MadEvent. The CP3 computing resources dedicated to CMS constitute a functional "Tier-2" component of the World LHC Computing GRID (WLCG), which is the worldwide network of computing centers dedicated to the data processing of the LHC experiments. The WLCG is controlled by software that allows distributed storage and computing resources to be shared by the large scientific community doing LHC research. CMS activities at CP3 currently focus on physics data analysis, software development for physics object reconstruction, and upgrade of the CMS tracker detector.

Applicants must hold (or expect to receive soon) a Ph.D. and have a strong background in computer science. Experience in high energy physics, including detector development, electronics or data acquisition systems, is an asset. The appointment is guaranteed until the end of 2016, but will be renewed subject to mutual satisfaction and as long as the Belgian CMS Tier-2 project is funded, which is the case since 2006. The positions are open to candidates of any nationality. Although the position will remain open until suitable candidates are found, interested persons are encouraged to apply before **15 June 2015**, when the first application screening will take place. Applications, including curriculum vitae, a list of publications, and at least two letters of recommendation should be submitted online at http://cp3.irmp.ucl.ac.be/Jobs/Details/CP3-15-Tier2-postdoc .

For more information, please, contact Giacomo Bruno (Giacomo.Bruno@uclouvain.be).

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