Post-doctoral Research Associate with the LHCb Experiment at the University of Edinburgh

The experimental particle physics group (PPE) at the University of Edinburgh has a significant involvement in the LHCb experiment which studies CP violation in b and c decays at the LHC. The group has made substantial contributions to the study of the Bs to J/PsiX and Bs to phiX decays, such as measurements of the CP violating weak phase phi_s and lifetimes. We are also working on heavy quark production and spectroscopy and B meson lifetime measurements, including the recent result on the exotic Z(4430)+ resonance. We are active in the LHCb upgrade to run at higher luminosity in the areas of the RICH detector and computing. These activities are led by Profs Peter Clarke, Franz Muheim, Steve Playfer and Dr Matt Needham.

We are seeking a Post-doctoral Research Associate to strengthen our activities within the LHCb Experiment. You will be expected to contribute to the data analysis of the upcoming run 2 and on the development/testing of the RICH photon detectors for the LHCb upgrades. In addition there are opportunities to participate in one of the group's service tasks: maintenance and operation of the RICH detectors or computing operations.

Fixed Term: 2 years with the possibility of extension
Deadline: 12 January 2015

To apply and for further information, please visit: https://www.vacancies.ed.ac.uk/ and enter reference number 032137.

Please contact Professor Franz Muheim (F.Muheim@ed.ac.uk) and Dr Matt Needham (Matthew.Needham@cern.ch) if you wish to discuss this position in more detail.