

## Fixed Term Research Position in the CMS Group SPBU039

Applications are invited for a three-year Research Associate position in experimental particle physics with the CMS group in the Particle Physics Department at the CCLRC Rutherford Appleton Laboratory. This is one of the largest experimental particle physics groups in the UK. The CMS group is very active in preparations for physics analysis and co-leads the CMS-UK physics effort. Our interests cover a wide range including heavy resonances, Higgs physics, supersymmetry and other BSM models. We collaborate closely with the Southampton University Particle Physics Phenomenology group with whom we have founded the NEXt Institute, which is designed to promote collaboration between phenomenologists and experimentalists. The CMS group also plays major roles on the CMS Electromagnetic Calorimeter, Tracker readout electronics, online and event reconstruction software.

The successful candidate will have a PhD in experimental particle physics, or will soon be submitting a PhD thesis, and will be expected to make major contributions to CMS physics analyses. Relevant analysis experience and knowledge of C++ will be an advantage.

Applications should include a full CV, a list of publications, a statement of research interests, the names and contact details of three referees, and a completed application form.

The starting salary will be in the range £24,638 to £27,998 pounds depending on experience. Further details on this post may be found at [http://hepwww.rl.ac.uk/CMSuk/jobs/Job\\_description\\_SPBU039.pdf](http://hepwww.rl.ac.uk/CMSuk/jobs/Job_description_SPBU039.pdf). Informal enquiries should be made to Dr. C. H. Shepherd-Themistocleous, <mailto:C.Shepherd@rl.ac.uk>.

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For further information and how to apply: please visit [www.scitech.ac.uk](http://www.scitech.ac.uk), telephone 01235 445872 or email [recruit-SPBU@rl.ac.uk](mailto:recruit-SPBU@rl.ac.uk) quoting ref: SPBU039.

All applications must be returned by Monday 30 April 2007  
Interviews will be held between 17 – 22 May 2007.