

Research Fellow
Starting Salary: £27,428

School of Physics and Astronomy – University of Southampton

The Southampton High Energy Physics group has a postdoctoral research position available, starting from 1 October 2012 (or soon thereafter if a later start is required by a successful applicant).

The group is particularly keen to attract a candidate interested in the general area of collider phenomenology within and beyond the Standard Model. Examples of suitable areas could include: jet physics, the search for signals of Supersymmetry or Technicolour and other exotic particles (such as the Z' or leptoquarks), of models with or without Higgs particles and of models with extra dimensions. The candidate may be expected to take part in the development of various computational and simulation tools used for such investigations. The candidate will also be expected to interact with experimentalists of the Rutherford Appleton Laboratory working at the Large Hadron Collider in the context of the NEXt Institute activities.

The full interests of the group include: collider phenomenology, particle physics and cosmology, neutrino physics, lattice QCD, b-quark and kaon phenomenology, higher order corrections and twistor methods, strings and branes and high density QCD.

The post is for two years, subject to review at the end of the first year.

For informal enquiries, please contact

Professor Stefano Moretti
stefano@soton.ac.uk
Tel: +44 (0)23 8059 6829

Apply online at <http://www.jobs.soton.ac.uk/>, quoting reference 072911WF. In addition, please include a CV, a statement of research interests and three letters of reference.

The closing date for applications is 27 December 2011, but late applications will be considered in exceptional cases. Please quote reference 072911WF in all correspondence.