



### Ph.D. STUDENTSHIPS IN EXPERIMENTAL PARTICLE PHYSICS

The Birmingham Particle Physics group is looking for outstanding candidates to join our group as fully funded PhD students in the academic year 2017/2018.

Opportunities this year include projects in:

- the ATLAS experiment, including two positions funded by the ERC project “ExclusiveHiggs”
- the NA62 experiment, including one position funded by the ERC project “LeptonKaon”
- the LHCb experiment
- development of silicon detectors
- and more....

The Physics Department is one of the largest physics departments in the country with a high profile for research both in the UK and internationally, covering a wide range of topics offering exciting challenges at the leading edge of physics and astronomy.

The Particle Physics group is one of the oldest in the country and currently has 12 academic staff, 15 post-doctoral researchers, 3 support staff and 21 research students. Our present activities include ATLAS and LHCb at the LHC, NA62 on the CERN SPS and the DUNE future long-baseline neutrino experiment. Our members lead several high-profile physics analyses in ATLAS, NA62 and LHCb, pursue ground-breaking research in detector and electronic development, and are leaders in public engagement. We have a newly opened 200 m<sup>2</sup> set of clean room facilities for silicon detector R&D and construction, and maintain a significant Tier 2 site on the UK GridPP contribution to LHC world-wide distributed computing.

For further information please visit:

<http://www.hep.ph.bham.ac.uk/index.php?page=exp/phdentry/index>

Informal enquiries can be made to Prof. Cristina Lazzeroni

(C.Lazzeroni@bham.ac.uk) or Prof. Paul Newman (P.R.Newman@bham.ac.uk).

Application must be submitted using the link above.

Non-UK nationals are welcome to apply for these positions.

**Closing date for applications: 15<sup>th</sup> February 2017**

The Physics Department holds a Silver Athena SWAN Charter Award and it is committed to promote Equality and Diversity.