



## Ph.D. STUDENTSHIPS IN EXPERIMENTAL PARTICLE PHYSICS

The Birmingham Particle Physics group is looking for candidates to join our group as fully funded PhD students in the academic year 2019/2020.

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 14 academic staff, 18 post-doctoral researchers, 3 support staff and 30 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. 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. 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.

Opportunities this year include projects in:

- the ATLAS experiment
- the NA62 experiment
- the LHCb experiment
- development of silicon detectors for HL-LHC and future colliders
- and more....

For further information please visit:

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

Informal enquiries can be made to Dr. Laura Gonella (l.gonella@bham.ac.uk).

Application must be submitted using the link above.

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

Applications are welcome at all times. Applications submitted before Christmas 2018 will be processed in time for the first round of interviews in early 2019.

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

*Valuing excellence, sustaining investment.*