

**Physics Department**  
**ATLAS eScience Post at Lancaster**  
**Research Associate – Grade 6**  
**Job Description**  
**Ref: A202**

This post will support the activities of the Lancaster University ATLAS group in their exploitation of the ATLAS experiment at the CERN Large Hadron Collider. Its focus will be on delivering physics results within our established programme. The post will also support the running of the ATLAS tracker and/or the computing and software system according to need and the suitability of the candidate. In addition, the post-holder will undertake other sufficient service work to meet the requirements of ATLAS authorship.

The post will work, at least in the first instance, in the High Energy Physics Group of the Physics Department, but paid national and international travel (particularly to CERN in Geneva), including a long-term attachment, is to be expected.

The post will

- Play a leading role in at least one significant particle physics analysis
- Ensure that the scientific objectives of the project are achieved;
- Ensure that deliverables are produced according to schedule;
- Work in a multinational team;
- Ensure that project results are suitably disseminated, including demonstrations and presentations both to collaborators and at conferences;
- Write technical documents to capture results.
- Support Lancaster PhD students and other members of the Lancaster ATLAS group.