



## JOB DESCRIPTION

<b>Job Title:</b>	Postdoctoral Research Assistant (ATLAS research group)
<b>Department / Unit:</b>	Physics
<b>Job type</b>	Fixed term, full time
<b>Grade:</b>	7
<b>Accountable to:</b>	Prof Veronique Boisvert
<b>Accountable for:</b>	Initially 24 months
<b>Purpose of the Post</b>	
<p>The main purposes of the post are to undertake research activities related with the exploitation of data collected by the ATLAS detector and with the development of the hardware track trigger activity for the ATLAS upgrade.</p>	
<b>Key Tasks</b>	
<p>To perform studies related with the hardware track trigger activity for the ATLAS detector</p> <p>To participate in the physics activities of the ATLAS group at RHUL in view of measurements using data collected by the ATLAS detector</p> <p>To participate in the ATLAS upgrade activities of the ATLAS group at RHUL</p> <p>To maintain accurate and complete records of all findings</p> <p>To document the results of studies</p> <p>To document the results of studies</p> <p>To write reports for submission to research sponsors</p> <p>To present findings to colleagues and at conferences</p> <p>To draft and contribute to publications for submission to refereed journals</p> <p>To provide guidance to staff and students</p> <p>To attend relevant workshops and conferences as necessary</p>	

To assist in the supervision of postgraduate students

To take initiative in the planning of research activities in the group

To promote the reputation of the group, the Department and the College

#### **Other Duties**

To undertake appropriate administration tasks

To attend relevant departmental and College meetings

To undertake any necessary training and/or development

To undertake specific safety responsibilities relevant to individual roles, as set out in the College procedures

To maintain safe workplace practice and procedures in accordance with the requirements of Health and Safety legislation

To maintain an up-to-date knowledge of relevant statutory Health and Safety legislation and recommendations and attend safety training as required

To observe and comply with all College policies and regulations

The duties listed are not exhaustive and may be varied from time to time as dictated by the changing needs of the College. The post holder will be expected to undertake other duties as appropriate and as requested by his/her manager.

The post holder may be required to work at any of the locations at which the business of Royal Holloway is conducted, including CERN.

#### **Internal and external relationships**

The following list is not exhaustive but the post holder will be required to liaise with:

- Members of the RHUL ATLAS group
- Members of the ATLAS collaboration