**JOB DESCRIPTION**

<table>
<thead>
<tr>
<th><strong>Job Title:</strong></th>
<th>Marie-Sklodowska-Curie Early-Stage Researcher</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Department / Unit:</strong></td>
<td>Physics</td>
</tr>
<tr>
<td><strong>Job type</strong></td>
<td>PhD student / Early-Stage Researcher</td>
</tr>
<tr>
<td><strong>Grade:</strong></td>
<td>As per advertisement</td>
</tr>
<tr>
<td><strong>Accountable to:</strong></td>
<td>Prof Glen Cowan</td>
</tr>
</tbody>
</table>

**Purpose of the Post**

The appointee will be an Early-Stage Researcher as part of the EU-supported INSIGHTS Innovative Training Network, and concurrently enrolled in the PhD programme in Physics at RHUL.

**Key Tasks**

- Carry out the research and training programme foreseen for the RHUL-based Early-Stage Researcher (ESR1) of the INSIGHTS training programme, including successful participation in the training courses, workshops and secondments of INSIGHTS. (The programme foresees secondments of 2 months at CERN Geneva, 2 months at Lund University and 4 months at FISCAL Technologies (Reading, UK).

- Carry out research for and successfully complete a PhD in Particle Physics at RHUL with research on the ATLAS Experiment.

- Contribute to the scientific objectives of the ESR1 project, including publication of results of physics research with the ATLAS Experiment as well as on the statistical tools developed for unfolding.

**Other Duties**

- Contributed to science outreach activities in the framework of INSIGHTS.

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.

**Internal and external relationships**

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

Professor Glen Cowan (RHUL Physics Department)  
Dr Lorenzo Moneta (CERN)  
Dr Else Lytken (Lund University)  
Dr Alfred Pilgrim (FISCAL Technologies)