

**Postdoctoral Research Associate in Experimental Nuclear Astrophysics, The University of  
University, Edinburgh, UK**

**UE07 £33,797 - £40,322 per annum**

**College of Science and Engineering/School of Physics and Astronomy/Institute of Particle and  
Nuclear Physics**

**35 hours per week**

**24 months fixed-term with possible extension**

We are looking for a Postdoctoral Research Associate in Experimental Nuclear Astrophysics within the Nuclear Physics Group in the School of Physics & Astronomy.

**The Opportunity:**

Your main role will be to support and develop the experimental programme on nuclear astrophysical reactions (i) using the Group's new CARME chamber and silicon strip detector system for the CRYRING at GSI laboratory, Germany, and (ii) at the LUNA facility, Gran Sasso laboratory, Italy. You will also be encouraged to become involved in other related elements of the Group's research programme including, for example, measurements of the properties of exotic nuclei pertaining to the production of heavy elements in the astrophysical r-process.

**Your skills and attributes for success:**

- PhD in experimental nuclear physics or nuclear astrophysics, or be about to complete.
- Ideally you will have practical experience with silicon strip detector systems and instrumentation or other radiation detector systems.
- Experience of nuclear physics data analysis techniques.

The deadline for receipt of applications is 17:00 (GMT) April 16, 2021. For informal enquiries please contact Prof P J Woods [philip.j.woods@ed.ac.uk](mailto:philip.j.woods@ed.ac.uk)

[Link to job advert](#)