

Paisley Campus  
School of Computing, Engineering, and Physical Sciences

NUCLEAR PHYSICS RESEARCH GROUP

## **Postdoctoral Research Associate in Experimental Nuclear Physics**

**£36,914 to £44,045**

**Paisley Campus**

The UWS Nuclear Physics Group is seeking to appoint a Postdoctoral Research Associate to support research activities within the group. The post is available after 1st March 2020 and will end on 30th September 2021. The post will support a programme of research to study octupole correlations in nuclei in experiments, which will take place primarily at JYFL (Finland), ISOLDE (CERN, Switzerland), ILL Grenoble (France), and Legnaro National Laboratory (Italy). The successful applicant will be expected to contribute to experiments within this research theme, and will be encouraged to develop their own programme of research relevant to this area. The post holder, although based at the UWS Paisley Campus, will be expected to travel to overseas facilities to conduct experiments, where necessary. The post holder will also be able to contribute to other programmes of research in the UWS group.

The successful candidate will be an enthusiastic and well-motivated experimental scientist, with a PhD in experimental nuclear physics, and with a strong track record of publications in peer-reviewed journals, commensurate with experience. The role will involve proposing and running experiments as well as analysing data and interpreting results. As such, the successful candidate will have good experience of setting-up radiation detectors for experiments, and will also have a good understanding of state-of-the-art nuclear models. Experience of computer programming using languages such as C, C++, and Java and a working knowledge of relevant software packages such as ROOT and Radware will also be an advantage. Willingness to travel to overseas facilities is essential.

The University of the West of Scotland is committed to supporting personal development and providing an inclusive working environment. UWS has the Athena SWAN Bronze Award, is a Two-Tick employer, and welcomes applications from under-represented groups; as such we particularly encourage applications supporting our diversity agenda. The West of Scotland has stunning countryside and coastlines for outdoor and family life. We are close to Glasgow, Scotland's largest city, with its rich heritage and vibrant cultural life. We are several minutes away from Glasgow International airport, which is located in Paisley.

Informal enquiries about this post should be sent to

**Professor John F. Smith**

Email: [John.F.Smith@uws.ac.uk](mailto:John.F.Smith@uws.ac.uk)

Tel: (44) 0141 848 3652

Closing date: **Saturday 29th February 2020**

Interview date: **Friday 13th March 2020**

Further information, including details of how to apply is available at <https://jobs.uws.ac.uk/>