



## BOLETÍN FNUC

### Anuncios

#### Permanentes

##### **Seeking a Team Leader for the RIKEN BigRIPS Team**

RIKEN is seeking candidates for a Team Leader (indefinite-term employment position) of the BigRIPS Team, RIKEN Nishina Center for Accelerator-Based Science (Job reference No. M24W04). Please refer to the following web site for more information on the application: [Link](#)

The application deadline: 10 a.m., September 19, 2023 (JST)

#### Postdocs

##### **Postdoctoral position at the University of York**

A fixed-term postdoctoral appointment is available in the Nuclear Physics Group at the University of York to work in the team of Dr Marina Petri on experimental investigations of exotic nuclei. This research activity focuses on the measurement of key experimental observables that are used to constrain state-of-the-art nuclear theory models. "Can we understand nuclei based on the underlying fundamental interactions?", "What is the role of 3-body forces?" and "How do nucleon-nucleon correlations deplete the single-particle strength in atomic nuclei?" are some of the overarching questions of our experimental programme. To address these questions, we are performing experiments at leading facilities world-wide, such as GS/FAIR (Germany), RIBF/RIKEN (Japan), FRIB/NSCL (USA) and ANL (USA). More info: [Link](#)

##### **Research Associate in Nuclear Astrophysics Deep-underground measurement of $^{22}\text{Ne}(\alpha, n)^{25}\text{Mg}$ at the LNGS**

The postdoctoral researcher will be a major contributor to the installation and execution of the experiment in the Gran Sasso underground laboratory. Candidates must have a Ph.D. or equivalent degree in physics. Hands-on experience with nuclear-physics related experimental setups is required, experience with detector simulations using Geant4 and neutron data analysis is advantageous. The contract duration is 1 year with possible extensions. Salary is on the higher side of Italian postdoctoral wages ("assegno senior fascia II"). Interested applicants should email a curriculum vitae including publication list to Andreas Best (andreas.best@unina.it). Requests for additional documentation, if required, will be arranged in discussion with the applicant.

**Postdoctoral Researcher at LLNL**

As part of our basic science program, you will be involved in studies of (1) the shell evolution in neutron-rich nuclei near “islands of inversion,” (2) the shape transition and shape coexistence in quadrupole deformed nuclei, and (3) the octupole strength in nuclei relevant to atomic electric dipole moment measurements. These efforts take advantage of the state-of-the-art radioactive ion beams being delivered at ANL, FRIB, and TRIUMF. You will be involved in all aspects of the measurements, including fielding the experiments, analyzing the data, and publishing the results. You will help in maintaining the LLNL-developed auxiliary charged-particle detection systems, Bambino’s and CHICO-X, that are used with gamma-ray detector arrays such as GRETA/GRETINA.

If interested, please use the link below to apply for this position online no later than September 15, 2023 to be fully considered: [Link](#)

**Three postdoctoral positions at CERN**

There are 3 active posts for the QUEST Post-Doc / Graduate scheme in the Lasers and Photocathodes Section at CERN. Information can be found via: [Link1](#), [Link2](#), [Link3](#)

**Postdoctoral researcher position in experimental nuclear physics within the FRS/SFRS group at GSI**

The successful candidate will join the work package open science and data management in the EUROLABS project, which is funded by the European Commission. As part of the team, which performs experiments with radioactive beams at GSI and FAIR, one of the main responsibilities will be to establish and maintain the communication between various nuclear physics experiments within the NUSTAR collaboration and the European Open Science Cloud (EOSC) services and to implement new services. The announcement with more details can be found here: [Link](#)

**Post-doctoral position in Targets for Nuclear Physics within EURO-LABS**

We currently publish an open post-doctoral position in our group entitled “M/W Postdoctoral Researcher in Targets for Nuclear Physics within EURO-LABS project at GANIL” for one year with a possible one year extension. We would appreciate if you could bring this offer to the attention of any students or post-docs at your lab or university that may have an interest in nuclear physics targets. More information: [Link](#)

### **Experimental Low-Energy Nuclear Physics Research (LER)**

The Low-Energy Nuclear Physics Research Group (LER) of the Physics Division at Argonne National Laboratory seeks outstanding individuals to fill an open postdoctoral position within the Nuclear Data (ND) group. The scholar will be engaged in a collaborative research program involving scientists from Argonne National Laboratory, Michigan State University and Skidmore College aimed at improving predictions for atomic masses in regions of the nuclear chart where experimental data are not available. The scholar will contribute to ongoing nuclear data activities in the areas of atomic masses and nuclear structure data, and their applications in science and technology.

The appointment will be for two years, with the possibility of an extension for up to 3 years: [Link](#) (requisition#415237). In addition, please forward your CV and arrange for three letters of reference to be sent to Dr. Filip G. Kondev (kondev@anl.gov). Review of applicants will begin August 5, 2023, and the position will remain open until filled

## **Congresos, Talleres, Seminarios y Escuelas**

### **Workshop on Electronics and Advances for Future High-Performance PET Systems**

Workshop on Electronics and Advances for Future High-Performance PET Systems. September 12 to 13, 2023. More information: [Link](#)

### **BRIDGCE Annual Meeting 2023**

We are pleased to announce the upcoming BRIDGCE Annual Meeting 2023, which will be held at the University of Edinburgh from September 11 to 13, 2023. The scientific programme of the BRIDGCE UK Network meeting is designed to address significant questions in galactic chemical evolution and nucleosynthesis. The meeting provides a unique platform for scientists from diverse backgrounds to exchange ideas, share expertise, explore new avenues of research, and is open to all scientists working in these areas. Please find below some important information regarding the meeting: [Link](#)

### **Low energy community meeting 2023**

In recent years we have seen an important development of TPCs and Active targets in our Low Energy Community that are now producing many high quality results. In this workshop we would like to concentrate on future needs and possibilities: high resolution, high countrate, high transparency for coincident experiments, new (target)materials especially in the context of FRIB but not limited to. We welcome all contributions with ideas and expression of needs, even if not yet fully elaborated that could open future perspectives.

Meeting information and registration can be found at the meeting website: [Link](#)