



## BOLETÍN FNUC

### Anuncios

#### Permanentes

##### **Staff scientist position at Los Alamos National Laboratory**

The Chemistry division at the Los Alamos National Laboratory is hiring an early career staff scientist with expertise in nuclear physics. More information: [Link](#)

#### Postdocs

##### **Postdoctoral position in Machine Learning for Quantum Many-Body Physics at the Universitat de Barcelona**

The Atomic, Molecular & Nuclear Area of the University of Barcelona ([Link](#)) invites applications for a postdoctoral position focused around machine learning and its application to solve the quantum many-body problem. The candidate will work with Dr. Arnau Rios in the application of neural quantum states to solve quantum many-body problems of interest across several disciplines, including nuclear theory. More info: [Link](#)

##### **Postdoctoral Researcher in experimental nuclear physics at University of Jyväskylä**

We are seeking to recruit a Postdoctoral Researcher in experimental nuclear physics for the JYFL Accelerator Laboratory, Department of Physics, University of Jyväskylä, Finland starting from April 1st, 2024, or as soon as agreed for two years. The detailed information officially and how-to-apply link is in: [Link](#)

##### **Postdoctoral Position at The University of Manchester**

The nuclear physics group at the University of Manchester have an open post doctoral research associate position to join our team. The PDRA will be involved in our research focussed around fission involving activities both at n\_TOF and ISOLDE. More information: [Link](#)

## **Post-Doctoral Research Associate in Nuclear Physics at Liverpool**

The Liverpool Nuclear Physics Group is seeking a Postdoctoral Research Associate to support its research programme exploring nuclear structure at the extremes of spin and isospin at facilities including Jyväskylä, ISOLDE, GSI/FAIR, TRIUMF and AGATA at Legnaro. You will play a leading role in setting up and running in-beam and decay spectroscopy experiments, as well as analysing and interpreting the data. Your role will include leadership of future experiments by preparing new proposals, driving developments of experimental techniques and helping to supervise postgraduate students. You will also be expected to present the results of your work at collaboration meetings and international conferences. A willingness to travel and the ability to communicate effectively within large multinational collaborations are essential. For further details, please see [Link](#).

## **Doctorado**

### **INPhINIT Incoming PhD Fellowship in Quantum computing for many-body systems at the Universitat de Barcelona**

This PhD project aims at building quantum computing algorithms to study the structure of systems made up of many fermions. These types of systems include atomic nuclei, complex quantum systems that have the key to unveiling, among others, the properties of dark matter particles. The nature of dark matter is one of the main open puzzles in modern physics. While all evidence for dark matter relies on astrophysical observations, several international collaborations aim to detect dark matter particles in laboratories by measuring their scattering off atomic nuclei. Experimental analyses demand a complete modeling of how dark matter interacts with nuclei. More info: [Link](#)

## **Otros**

### **Técnico apoyo en electrónica en el Centro de Láseres Pulsados**

En dependencia y bajo la supervisión continua del coordinador de ingeniería, las principales funciones asociadas al puesto de trabajo serán las de responsable del taller de electrónica del CLPU. Más información: [Link](#)

## **Congresos**

### **First circular ISNS-24, Sofia, Bulgaria, September 9-13, 2024**

We are pleased to invite you to participate in the International Symposium on Nuclear Science (ISNS-24), to be held in Sofia, Bulgaria, September 9-13, 2024. The symposium will be jointly organized by the University of Sofia and the Horia Hulubei National Institute for Research and Development in Physics and Nuclear Engineering. More information: [Link](#)

**First circular of the n\_TOF Nuclear Physics Winter School 2024**

The School, promoted by n\_TOF and supported by ChETEC-INFRA, CERN and others, is meant to cover some of the most significant topics related to nuclear physics and nuclear astrophysics and other nuclear science applications. The school will cover technological developments in advanced nuclear systems, with particular focus on nuclear data measurements and evaluations. The deadline for application to participate and ask for support by M.Sc. students, PhD students and young post-docs is 4 December 2023. More information: [Link](#)

**Save-the-date announcement EURORIB 2024, 2-7 June, Belgium**

The conference brings together the communities working at the different radioactive ion beam (RIB) facilities in Europe. The aim is to explore new experimental and theoretical ideas that will advance the understanding of nuclear structure and reactions as well as nuclear astrophysics through studies of exotic nuclei. The exchange also concerns technical developments in the production and manipulation of RIBs. More information: [Link](#)