



## BOLETÍN FNUC

### Noticias

#### **ATLAS call for proposals**

The ATLAS user facility, located in Argonne National Laboratory (USA), is now accepting proposals for the scheduling period beginning in September, 2024. The submission deadline for proposals to be considered by the ATLAS Program Advisory Committee is May 6, 2024 at 23:59 (Chicago time). For details on the available beams, detector systems, submission process, etc. please see the official call for proposals letter attached or go to the ATLAS website [Link](#)

#### **Disposition of PHENIX Calorimeters**

The PHENIX experiment had eight, 4 m x 2 m sectors of electromagnetic calorimeters that were stored at BNL at the conclusion of the PHENIX experiment in 2016. Six sectors were Pb Scintillator shashlik-type calorimeters and two were walls of stacked Pb Glass crystals. We have no planned use for either the Pb Scintillator or Pb Glass EMCal sectors. The Pb Glass in particular is in good shape and could be reused. The two sectors combined are made up of 9216, 4 cm x 4 cm x 40 m Pb Glass modules. Anyone within the DOE NP program that might be interested in either the Pb Glass, or even perhaps the Pb Scintillator should contact Ed O'Brien at Brookhaven National Lab and David Cinabro at DOE.

#### **Zdzisław Szymański Prize**

We are pleased to inform you that the Zdzisław Szymański Prize will be awarded in 2024. The purpose of the Prize is to recognize and promote outstanding theoretical or experimental work in nuclear structure and reactions. The Szymański Prize is bestowed by the Faculty of Physics of the University of Warsaw, and the Selection Committee has decided that the prize will be international. Nominations for the Prize have to be submitted by May 30, 2024. Please note that candidates must not yet have reached their 41st birthday on December 31, 2024. More information: [Link](#)

### Publicaciones

#### **Symmetry-projected variational calculations with the numerical suite TAURUS**

##### **II. Configuration mixing of symmetry-projected reference states,**

B. Bally and T. R. Rodríguez, Eur. Phys. J. A 60, 62 (2024). [Link](#)

## Anuncios

### Permanentes

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#### **Vacancy for a SCIENTIST at ILL Grenoble - (ref 24/09)**

A new vacancy for a scientist in the Science Division / Diffraction Group (ref 24/09) has just been published on our site: <https://www.ill.eu/careers>.

#### **Program Manager for Nuclear Structure and Nuclear Astrophysics, DOE Office of Nuclear Physics, Office of Science**

Within the DOE Office of Nuclear Physics there is an ongoing search for the Program Manager for Nuclear Structure and Nuclear Astrophysics, Office of Nuclear Physics, Office of Science. The posting for this position can be found on [Link](#)

### Postdocs

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#### **Post doc position open at INFN - Unina**

The present position concerns with the development of a new project devoted to the Production of neutron-rich heavy nuclei in multinucleon transfer reactions, funded by Italian Ministry of Foreign Affairs and International Cooperation (MAECI). The candidate will work specifically on the development of a new detection system and on the data analysis collected during test experiment performed at GSI in collaboration with the FRS-group. Application procedure: inquiries and applications should be sent by email to Antonio Di Nitto ([adinitto@infn.it](mailto:adinitto@infn.it)) with a CV and a list of 2-3 references.

#### **Position on Neutron Induced Reactions for Astrophysics at University of Edinburgh**

Applications are invited for a Postdoctoral Research Associate position at the Nuclear Physics Group of the University of Edinburgh. You will support the experimental programme related to neutron induced reaction measurements planned at international accelerator facilities, such as n\_TOF CERN. More info: [Link](#)

### Doctorado

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#### **PhD position announcement at GSI**

we are seeking a PhD student to join the FRS Group at GSI Darmstadt to conduct research and development in collaborative activities of the FRS/SFRS group and the Super-FRS Experiment Collaboration. The project includes technical developments for future experiments and operations of the fragment separator FRS. The candidate will be affiliated at Justus Liebig Universität Gießen. Please take note of the attached announcement and forward the posting to suitable candidates. More information: [Link](#)

**PhD Position in Theoretical Particle Physics at KTH Stockholm**

We have an opening for a PhD position at KTH Royal Institute of Technology, Stockholm. The position is for a doctoral student in the field of particle physics, with focus on physics beyond the Standard Model, in particular connected to neutrino oscillations and dark matter. The deadline for applications is March 28. More details on the job, the requirements and the application procedure can be found at [Link](#)

## Congresos, reuniones, escuelas

**2024 CeNAM Frontiers in Nuclear Astrophysics Meeting – June 3-7, 2024 – Notre Dame, IN USA**

The abstract submission deadline for the 2024 CeNAM Frontiers in Nuclear Astrophysics Meeting has been extended until Friday, March 29th. We encourage you to submit an abstract as early as possible. The early bird registration deadline is still Friday, March 22nd. The registration fee for those that register after this date will be \$250. The conference will take place at the Embassy Suites by Hilton South Bend at Notre Dame from June 3rd-7th, 2024. More information: [Link](#)

**XLXI International Meeting on Fundamental Physics**

We are delighted to announce the XLXI International Meeting on Fundamental Physics (IMFP), that will take place at the Benasque Science Center, Sep 10 - Sep 13, 2024 (arrival foreseen Sep 9). The IMFP is one of the key meetings of the Spanish community working on high energy particle physics (its first edition was in 1973). The 2024 edition is organized by the Institut de Física d'Altes Energies (IFAE) and the Universitat de Barcelona (UB). The program includes presentations about the latest experimental results and theoretical advances in flavour and neutrino physics, particle physics, dark matter, cosmology, axions, gravitational waves, neutrino and gamma ray messengers. More info: [Link](#)

**Workshop on Direct measurements of neutron reactions on radionuclides - DIMER**

We are cordially inviting you to participate at the IReNA workshop Direct measurements of neutron reactions on radionuclides - DIMER. The workshop will take place at the Hilton Santa Fe Historic Plaza, Santa Fe, NM, USA, September 16-19, 2024. If you want to participate, please register at your earliest convenience, but no later than September 1, 2024. More information: [Link](#)