



## BOLETÍN FNUC

### Artículos publicados

*Searching for universality of dineutron correlation at the surface of Borromean nuclei*

A. Corsi et. al,

**Phys. Lett. B 840 (2023) 137875**

DOI: <https://doi.org/10.1016/j.physletb.2023.137875>

### Anuncios

#### Técnicos

##### **Two-year contract for Data Engineer at Universidad de Sevilla**

The Nuclear Physics group at the Department of Atomic, Molecular and Nuclear Physics of the University of Seville (Spain) invites expression of interest for a data engineer contract for a period of two years. The work will be carried out in the framework of the EUROLABS project, and in particular for the development and management of the virtual installation Reaction4Exp, which is part of the distributed facility Theo4Exp ([institucional.us.es/theo4exp](http://institucional.us.es/theo4exp)).

The selected candidate will be in charge of the integration of the computing server with the user web interface, and will work in collaboration with other groups in Milano and Krakow participating in the virtual facility Theo4Exp. Candidates must send the CV to Manuela Rodríguez Gallardo ([mrodri@us.es](mailto:mrodri@us.es)) before the end of April 2023.

## Cursos

### **Euroschool on Exotic Beams 2023**

the Euroschool on Exotic Beams 2023 will take place in Romania, in the Carpathian Mountains, from August 27th to September 2nd. Registrations are open until May 15th through the Euroschool website [www.euroschoolonexoticbeams.be](http://www.euroschoolonexoticbeams.be)

### **Gran Sasso Hands-On PhD School on Astroparticle Physics**

Gran Sasso Hands-On PhD School on Astroparticle Physics, to be held at the National Gran Sasso Laboratory (L'Aquila, Italy) from the 25th of September till the 6th of October 2023. This school is designed for graduate students and early-career researchers who are interested in pursuing research in Experimental Astroparticle Physics. This PhD school is open to students and early-career researchers from a variety of academic backgrounds, including physics, astronomy, engineering, and computer science. Successful applicants will have a strong academic record and a demonstrated interest in astroparticle physics. To apply, please visit our website at the following [Link](#). Applications must be received by April 15, and successful applicants will be notified by May 30.

## Congresos, Talleres y Seminarios

### **7th International Conference on Proton-Emitting Nuclei (PROCON2023)**

Deadline for abstract submission for the 7th International Conference on Proton-Emitting Nuclei (PROCON2023), which will be held in Warsaw, Poland June 25-30, 2023, has been extended to April 17th, 2023. We kindly invite you to visit our web page ([Link](#)) to learn more about this event. Registration is opened.

### **Direct reactions and spectroscopy with hydrogen targets: past 10 years at the RIBF and future prospects**

Employment of the MINOS liquid-hydrogen target and vertex-tracking system with the DALI2 scintillation-based gamma-ray spectrometer and other systems at the RIBF has led to abundant exciting physics results. Highlights include the first spectroscopy of doubly magic nuclei, investigation of multi-neutron decays, and shell evolution along isotopic chains. Through these studies with direct reactions, our understanding of nuclear reaction mechanisms and nuclear structure has been furthered. In this symposium, we will commemorate the past ten years of studies on direct reactions and spectroscopy of exotic nuclei with liquid-hydrogen targets at the RIBF and define a vision for the future.

[Link](#)

## Otras noticias

### **FNUC entre las redes financiadas en la convocatoria 2022 “Redes de Investigación”**

Se ha publicado en la página web de la Agencia Estatal de Investigación ([Link](#)) la propuesta de resolución provisional de la convocatoria 2022 de ayudas a "Redes de Investigación". La Red FNUC ha sido financiada para los años 2023-2024 con un total de 20.300 euros, en consonancia con otras Redes de excelencia científica.

### **Convocatoria de los Premios Margarita Salas de Investigación 2023 del Ayuntamiento de Madrid**

Convocatoria de los *Premios Margarita Salas de Investigación 2023* del Ayuntamiento de Madrid, para premiar las mejores tesis doctorales en las categorías de ciencias básicas, ciencias de la vida y ciencias medioambientales. Con objeto de potenciar la labor investigadora de nuestros científicos y la transferencia de conocimiento, se otorgarán 3 premios para cada una de las categorías y hasta 10 accésit, la dotación económica total de los premios asciende a 99.000€.

El plazo de inscripción permanecerá abierto hasta el 14 de mayo de 2023 a través del trámite habilitado en sede electrónica ([Link](#)) del Ayuntamiento de Madrid, desde el que se pueden consultar las bases completas de la convocatoria.