



## BOLETÍN FNUC

### Publicaciones

-Peñas, J., Alejo, A., Bembibre, A. et al., ***Production of carbon-11 for PET preclinical imaging using a high-repetition rate laser-driven proton source***, Sci Rep 14, 11448 (2024).

<https://doi.org/10.1038/s41598-024-61540-2>

### Anuncios

#### Permanentes

##### **ECR Group Leader (Career Staff Scientist Position) at LBNL**

The 88-Inch Cyclotron at Lawrence Berkeley National Laboratory invites applications for the position of ECR Group Leader at the accelerator facility. This is a career position at the Staff Scientist level. More information can be found at [Link](#) (job number 101438).

##### **Staff scientist (tenure-track) | thermalized exotic nuclei group at GSI**

Please see the open tenure-track position in the thermalized exotic nuclei group at GSI. The position main activity will be the assembly, commissioning and operation of the Super-FRS cryogenic stopping cell. Please forward it to possible interested candidates. More information: [Link](#)

#### Postdocs

##### **Postdoc research opportunity at artEmis**

[ArtEmis](#) is a cross disciplinary research project that offers a most exciting environment for PhD students looking for a postdoc. We are looking for a candidate with experience in nuclear instrumentation. We will support your [Marie Skłodowska Curie application](#) with our best efforts. ArtEmis combines the development and placement of advanced sensors involving nuclear techniques with Seismology, Geology and Artificial Intelligence. More information: [Ayse Atac Nyberg](#) (KTH) and [Ramon Wyss](#) (KTH)

**Two PostDoc positions at applied nuclear physics in Uppsala**

We just announced two postdoc positions at Uppsala University at the Division of applied nuclear physics. Please share the information in relevant fora. Please also repost LinkedIn posts: [Link1](#) [Link2](#)

**Post-doctoral position in particle physics in Würzburg**

The Research Training Group (RTG) is a DFG-funded doctoral program offered jointly by the groups working on Theoretical Particle Physics, Gauge/Gravity Duality, and Experimental Particle Physics at the University of Würzburg. We are seeking a candidate working within the areas outlined at [Link](#). We look in particular for a candidate working at the interface between theory and experiment. Interest in theoretical and applied aspects of machine learning is of advantage. More information: [Karina Zink](#)

**Nuclear theory postdoc in Surrey**

A Research Fellow (postdoc) position is open at the University of Surrey in the field of nuclear theory. The position is for three years. More information: [Link](#)

**Postdoctoral position at Tennessee Technological University**

A two-year, career-focused postdoctoral position in low-energy experimental nuclear physics in the physics department in the Tennessee Technological University Physics Department is currently open for application. The position can be filled immediately. The postdoctoral research work will be related to beta-decay and beta-delayed neutron emission studies using polarized beams and following resonant ionization. The applicant will also have the opportunity to work on developing a local ion beam facility. The research group that the applicant would join prioritizes undergraduate research by designing projects that can involve all undergraduate students from their first year to their senior year. More information: [Link](#)

## Doctorado

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**10 doctoral positions in particle physics in Würzburg**

The Research Training Group (RTG) is a DFG-funded doctoral program offered jointly by the groups working on Theoretical Particle Physics, Gauge/Gravity Duality, and Experimental Particle Physics at the University of Würzburg. Our innovative projects are located within the various research foci of the groups involved. A list of prospective doctoral projects can be found at [Link](#). More information: [Karina Zink](#)

**PhD position on VHEE-FLASH treatment planning in Lausanne**

The Institute of Radiation Physics (IRA), part of radiology department of the University Hospital (CHUV) and the University of Lausanne (UNIL), develops its activities in the fields of ionizing radiation in medicine (medical physics) and the protection of workers and the public against ionizing radiation (health physics). The PhD student will carry out a research project in radiation therapy medical physics. The project called “FLIRT: FLASH IRradiation Treatment planning to facilitate and optimize glioblastoma treatments with very-high energy electron FLASH radiation therapy » has been granted by the Swiss Cancer League for a duration of 4 years. More information: [Link](#)

## Visitantes

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### **Subsidios para profesores visitantes del exterior en Argentina**

Con el objetivo de ampliar las oportunidades de formación y de promover el intercambio científico internacional, la Fundación Williams brinda apoyo económico para financiar la visita de profesores e investigadores del exterior. Se otorgarán subsidios de hasta \$ 3.500.000 (pesos argentinos) para cubrir gastos de traslado, alojamiento y per diem de profesores visitantes del exterior (extranjeros o argentinos con residencia permanente fuera del país) para realizar actividades de formación académica y de intercambio científico en cualquier ciudad de Argentina entre junio de 2024 y diciembre de 2025. Más información: [Link](#)

## Congresos, reuniones, escuelas

### **Workshop on “Dense matter equation of state from nuclear theory and experiments”**

We are excited to announce the upcoming collaborative discussion workshop and paper writing session organized by IRL NPA (In2p3/FRIB) and taking place from Oct 28 to Nov 1 at FRIB. The meeting will be aimed at gathering researchers from multiple communities interested in the nuclear matter equation of state (EOS): an area that is currently undergoing rapid development due to upcoming unprecedented experimental opportunities, notably at FRIB, and the advent of multi-messenger astronomical observations. More information: [Link](#)

### **11th International Conference on Nuclear Physics at Storage Rings, STORI'24**

The 11th International Conference on Nuclear Physics at Storage Rings, STORI'24, will be held on Nov. 18 - 22, 2024, in Huizhou, China. The STORI'24 is organized by Institute of Modern Physics, Chinese Academy of Sciences (IMP-CAS). The conference venue is located at the Huizhou Campus of IMP-CAS in Guangdong Province. More information: [Link](#)

### **The Low-Energy Electron Scattering for Nucleon and Exotic Nuclei (LEES2024)**

We are pleased to announce the upcoming International Workshop on "The Low-Energy Electron Scattering for Nucleon and Exotic Nuclei" (LEES2024). This workshop is scheduled to be held from October 28th to November 1st, 2024, in Sendai, Japan. More information: [Link](#)