



## BOLETÍN FNUC

### Anuncios

#### Permanentes

##### **Programa Regional "Saavedra Fajardo" de Incorporación de Doctores a Universidades y Centros de Investigación de la Región de Murcia**

El Programa Saavedra Fajardo está dirigido a facilitar, mediante ayudas concedidas en régimen de publicidad, objetividad y concurrencia competitiva, el retorno, atracción, incorporación y estabilización de investigadores con trayectoria internacional y experiencia acreditada, en universidades, centros públicos de investigación y entidades sanitarias vinculadas o concertadas con el SNS de la Región de Murcia, por un periodo máximo de 5 años dividido en 2 fases, con evaluación intermedia para acceder a la 2ª fase. Retribución mínima bruta anual: 1ª fase: 34.000€ brutos y 2ª fase: 40.000 €. Dotación máxima para el desarrollo del proyecto: 125.000 €

Los organismos de investigación asumirán el compromiso de crear un puesto de trabajo permanente estatutario o laboral indefinido vinculado a la actividad investigadora de las solicitudes financiadas por el Programa, de forma que pueda ser ocupado de forma inmediata tras la finalización del contrato, siempre que el candidato disponga, al finalizar su contrato, del certificado R3 como investigador establecido. Más información: [Link](#)

##### **Assistant/Associate Professor of Nuclear Engineering at the Air Force Institute of Technology (Ohio)**

The Department of Engineering Physics at the Air Force Institute of Technology, located on Wright-Patterson Air Force Base in Dayton, Ohio, is seeking applicants for a tenure track position in Nuclear Engineering at the Assistant or Associate Professor level. The combination of competitively selected students, quality research facilities, and Department of Defense support for our program provide unique opportunities for new faculty to quickly develop successful research programs. We invite you to visit <http://www.afit.edu/ENP/> for more details on our Department, our academic programs and our research specialties. To apply go to USAJobs, the posting will be available until 2 Jan 2024: Job Announcement Number: AFMC-12180016-AFIT-9X-KDB. USAJOBS URL: <https://www.usajobs.gov/GetJob/ViewDetails/756511400>

## Postdocs

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### **20 INFN Post-doctoral Positions for non Italians (call ID: 25865) for research activities in Nuclear Physics**

The 2024/2025 INFN Research Grant Program offers 20 (twenty) positions for research activity in Experimental Physics. Eligible candidates are non-Italian citizens. Applications, in electronic form, must be submitted to INFN not later than November 15th, 2023 (11:59 a.m. CET) through the website <https://reclutamento.dsi.infn.it/>.

### **Postdoctoral fellowships - Gamma-Ray Spectroscopy (TRIUMF)**

In support of our Nuclear Physics program, we are currently accepting applications to fill two Postdoctoral Researcher roles within our Gamma-Ray Spectroscopy at ISAC (GRSI) group. The successful candidates will have the opportunity to lead and support basic research experiments utilizing all aspects of the TIGRESS Spectrometer at ISAC. More info: [Link](#)

### **Recruiting 3 post-docs positions at KU Leuven**

The KU Leuven Institute for Nuclear and Radiation Physics is recruiting 3 new post-docs:

- Heavy element laser ionization spectroscopy: [Link](#)
- VUV spectroscopy of the Th-229 isomer: [Link](#)
- Muonic x-ray spectroscopy of radioactive isotopes: [Link](#)

All three combine great technical work using state-of-the-art techniques with advanced nuclear structure. In particular, the last involves the use of the muX HPGe array, with technology and data analysis principles completely equivalent to the work at IDS. All of them offer the opportunity to develop one's own programme along with the ongoing activities in the lab.

### **Postdoc positions at TTP in Karlsruhe**

The Institut für Theoretische Teilchenphysik (TTP) invites applications for several postdoctoral positions in theoretical particle physics starting in fall 2024. Current interests of the members of the Institute include hadron and lepton collider physics, Higgs boson physics, perturbative QCD, flavor physics, weak interactions, top quark physics, dark matter searches, light new particles, supersymmetry and development and application of advanced computational methods in perturbative Quantum Field Theory and cosmology. Applications including a list of publications, curriculum vitae and short research statement should be e-mailed as a single pdf file to [martina.schorn@kit.edu](mailto:martina.schorn@kit.edu). Three letters of reference should be e-mailed separately to the same address. The deadline for applications is January 2, 2024

### **Broad range of open positions in the Detection Physics group at Pacific Northwest National Laboratory**

The Detection Physics group at PNNL is currently seeking to hire across a broad range of positions from post-docs to senior staff. Titles and links are given below. The Detection Physics group works across several various areas of physics to solve national security problems and advance fundamental physics:

Links to open positions:

- [SuperCDMS Physicist](#) (Req ID: 7911)
- [Group Leader - Detection Physics](#) (Req ID: 7591)
- [Senior Physicist in Low Background Detection](#) (Req ID: 7750)
- [Senior Low Background Detection Physicist – Level 4](#) (Req ID: 7411)
- [Low Background Detection Physicist – Level 3](#) (Req ID: 7899)
- [Low Background Detection Physicist – Level 2](#) (Req ID: 7897)
- [Post-Doctorate Research Associate: Neutrinos and Dark Matter](#) (Req ID: 7915)
- [Post-Doctorate Research Associate: Low Background Detection](#) (Req ID: 7916)
- [Post-Doctorate Research Associate: Radiation Detection Data Scientist](#) (Req ID: 7917)
- [Post Doctorate Research Associate: Quantum Information Science and Technology](#) (Req ID: 7525)

The general link to PNNL's jobs page is [careers.pnnl.gov](https://careers.pnnl.gov).

### **Perimeter Institute Postdoctoral Research position**

Each year Perimeter Institute for Theoretical Physics invites applications for postdoctoral positions, including named fellowships, from new and recent PhDs working in fundamental theoretical physics. More information: [Link](#)

### **DRAGON Postdoc Position at TRIUMF (Canada)**

We are looking to hire a Postdoctoral Researcher to support scientific research and experiments connected to the DRAGON recoil separator and TUDA charged-particle array astrophysics program at ISAC (which includes the SONIK scattering target at the DRAGON Facility). The Postdoc will be expected to participate in other ongoing astrophysics efforts at TRIUMF connected to the Astrophysics Group and will be actively encouraged to pursue their own research ideas for these facilities and programs. More information: [ruiz@triumf.ca](mailto:ruiz@triumf.ca)

## Doctorado

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### 3 PhD positions in Experimental Neutrino Physics at IFIC (Valencia)

The Experimental Neutrino Physics Group at the Instituto de Física Corpuscular (IFIC) invites applications for three PhD student positions. The successful candidate will join the NEXT collaboration, in which our group is strongly involved. The NEXT program is focused on the development of high-pressure xenon gas time projection chambers (HPXe TPC) with electroluminescent amplification for neutrinoless double beta decay searches. Our team is actively involved in building and commissioning a 100 kg detector (NEXT-100) at the Laboratorio Subterráneo de Canfranc, in northern Spain. We are also involved in the research and development of innovative photon collectors slated for use in the forthcoming tonne-scale phase of the experiment. Additionally, we are also engaged in pioneering machine learning techniques to improve signal discovery sensitivity of neutrinoless double beta decay searches in the NEXT experiments.

More information: [Link](#)

## Congresos, Talleres, Seminarios y Escuelas

### 14th International Conference on Nucleus-Nucleus Collisions (NN2024)

The 14th International Conference on Nucleus Nucleus Collisions (NN2024) is being held in Whistler, British Columbia during August 18 – 23, 2024. More information: [Link](#)

## Otras noticias

### Fallecimiento de Arne Johnson (KTH Royal Institute of Technology)

It is very sad to announce that Arne Johnson after some time of illness passed away Oct 23, 2023.

He was a great teacher and physicist who as a young and persistent student discovered ‘backbending’.

Through his engagement in gamma ray spectroscopy he became one of the initiators of Nordball and Euroball. At KTH Royal Institute of Technology where he was professor of Nuclear Physics, he served as Dean and made numerous contributions to the development of the faculty.

In deepest sympathy his former PhD students.

Johan Nyberg, Ramon Wyss, Bo Cederwall and Joakim Cederkäll