



## BOLETÍN FNUC

### Anuncios

#### Permanentes

##### **Director, Physical Sciences @ TRIUMF**

Website: [Link](#)

##### **Career-Track Physicist Staff Scientist in the Nuclear Structure Group at Lawrence Berkeley National Laboratory**

The Nuclear Science Division (NSD) at Lawrence Berkeley National Laboratory (LBNL) is inviting applications for a Career-Track Physicist Staff Scientist position (in exceptional circumstances, a Career appointment will be considered). Candidates should be outstanding scientists with a focus on conducting original experimental physics research with an emphasis on the properties and reactions of exotic nuclei. For full consideration, applications should be submitted by October 27th, 2023. To find more details, and to apply, please go to the [Link](#)

##### **Fusion and Plasma Faculty Position at UC Berkeley**

Please see the announcement at [Link](#) for a tenured/tenure track faculty member in nuclear fusion, plasma science and technology, and related areas at the UC Berkeley Department of Nuclear Engineering Department.

##### **Two tenure-track Faculty Positions in Physics at the U.S. Naval Academy**

Candidates of all academic ranks will be considered but by policy will be hired at the rank of Assistant Professor. Candidates with research specialties in astrophysics or nuclear physics are a higher priority in this year's search, nevertheless we encourage all interested candidates to apply. Successful candidates will demonstrate the potential for teaching a variety of physics courses including required courses for physics majors at the upper level. Areas of research in our department include acoustics, astrophysics, computational physics, nuclear physics, optics, and condensed matter. More information: [Link](#)

##### **Researcher position (permanent position) at the High Energy Nuclear Physics Laboratory, RIKEN**

RIKEN is now inviting applicants to the indefinite-term Research Scientist (permanent position) to work in the High Energy Nuclear Physics Laboratory (chief scientist: Take R. Saito). Details of the opening position and the procedure of application can be found at the following [Link](#).

## Postdocs

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### **Postdoctoral position within the FRS/SFRS group at GSI**

The successful candidate will join the work package open science and data management in the EUROLABs project, which is funded by the European Commission. As part of the team, which performs experiments with radioactive beams at GSI and FAIR, one of the main responsibilities will be to establish and maintain the communication between various nuclear physics experiments within the NUSTAR collaboration and the European Open Science Cloud (EOSC) services and to implement new services. More info: [Link](#)

### **Postdoctoral Position in Experimental Nuclear and Atomic Physics at ANL**

The Physics Division at Argonne National Laboratory invites applications for a postdoctoral position to conduct experimental Fundamental Symmetries research at the intersection of nuclear and atomic physics. The successful candidate will play a significant role in the experimental search for the permanent electric dipole moment (EDM) of the radium-225 atom. More information: [Link](#)

### **EURO-LABS - Job Opportunity from GANIL**

We currently publish an open post-doctoral position in our group entitled “M/W Postdoctoral Researcher in Targets for Nuclear Physics within EURO-LABS project at GANIL” for one year with a possible one year extension. For further information: [Link](#)

### **Postdoctoral Fellow Position in Nuclear Medicine**

We are excited to announce an open position for a postdoctoral fellow with a keen interest in the intricate world of alpha-particle radiopharmaceutical therapy. Our Department, situated within the vibrant ecosystem of the Mass General Hospital and Harvard Medical School in Boston, MA, is at the forefront of radiation therapy and biology modeling. Application Process: Submit your CV and two letters of reference (submitted directly by your references) to Dr. Alejandro Bertolet, Ph.D., at [abertoletreina@mgh.harvard.edu](mailto:abertoletreina@mgh.harvard.edu), and optionally to our Director of Physics Research, Prof. Harald Paganetti, Ph.D., at [hpaganetti@mgh.harvard.edu](mailto:hpaganetti@mgh.harvard.edu). More information: [Link](#)

### **One or more Postdoctoral Positions available with the Low energy Nuclear Physics (LENP) Team at Los Alamos National Laboratory**

The P-3 group in Physics division is looking for one or more postdoctoral researchers to work in the Low Energy Nuclear Physics (LENP) Team on direct measurements of neutron-induced reactions and related efforts. The successful candidate(s) will perform measurements and data analysis at the Los Alamos Neutron Science Center (LANSCE) and possibly external facilities. The specific focus of these positions is intended to be experimental work with the Chi-Nu Prompt Fission Neutron Instrument and the CoGNAC dual neutron and gamma-ray detection array, on studies of neutron elastic and inelastic scattering, other nuclear reactions, and studies of the fission outputs and physics; and experimental work with the Device for Indirect Capture Experiments on Radionuclides (DICER), on neutron transmission and capture. More information: <http://jobs.lanl.gov>, search for "IRC123652" or "P-3" (or browse any other ad of interest).

**Postdoc position at LBNL**

Postdoc position in the Relativistic Nuclear Collisions group at LBNL. The job posting is here: [Link](#)

**Postdoc position IRSN Fontenay-aux-Roses, France**

The Neutronics Laboratory (LN), within the Neutronics and Criticality Risks Department (SNC), is made up of a team of about twenty researchers. You will be joining a young and dynamic team, which operates in a very good atmosphere. The LN works on the optimization and improvement of calculation tools and methods relating to neutron simulations for safety assessment studies of nuclear installations and transport. More information: Dr Raphaëlle ICHOU: [raphaelle.ichou@irsn.fr](mailto:raphaelle.ichou@irsn.fr)

**Postdoc position at GANIL**

The Grand Accélérateur National d'Ions Lourds (GANIL) calls for applications of young researcher post-doctoral fellows for a two years position, in the field of experimental nuclear physics, starting from November 2023. The successful candidate will be involved in the research activities related to the structure and dynamics of superheavy nuclei using the Super Separator Spectrometer S3 and its detector SIRIUS. More information: [Link](#)

**Postdoctoral Fellow – BSM Physics with Cryogenic Sensors: SALER @ FRIB**

The Electroweak Interactions Group at the Colorado School of Mines is recruiting a post-doctoral researcher to perform the first work on the new SALER experiment at the Facility for Rare Isotope Beams (FRIB) at Michigan State University. We seek a candidate with significant experience in low-temperature physics using cryogenic sensing techniques. The candidate should have an interest in applying these methods to search for physics Beyond the Standard Model (BSM) via precision measurements of nuclear decay. More info: [Link](#)

**Post-doc position at the University "Luigi Vanvitelli" (Italy)**

This message announces the opening by the end of this year of a post-doc position in Nuclear Theory that should start at the beginning of 2024 – not later than next February - at the Department of Mathematics and Physics of the University "Luigi Vanvitelli" in Caserta (Italy). The duration of the fellowship is 18 months, and the monthly net salary amounts to 1.9 kEuro. The Nuclear Theory group at University "Luigi Vanvitelli" is going to investigate the properties of the equation of state of infinite nuclear matter starting from low-energy effective theory (LEEFT) Hamiltonians, as well as to derive shell-model effective Hamiltonians and decay operators aimed to study beta-decay properties of nuclei that are candidates to the observation of neutrinoless double-beta decay. Please, for those who are interested to apply for this fellowship, contact us in order to receive first-hand information about the official start of the call: Luigi Coraggio: [coraggio@na.infn.it](mailto:coraggio@na.infn.it)

## Técnicos

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### **Software Engineer (Nuclear Data) at IAEA (Viena)**

As a member of a team of the Nuclear Data Services Unit, the Software Engineer (Nuclear Data) provides a full range of technical tools enabling the completion of a range of project activities in the Nuclear Data Section encompassing international guidelines, enhancement of Member States' abilities to adopt and use fission and fusion civil energy technologies and address non-energy applications (medical, life sciences and analytical). The objectives are: (1) enhance the effective and rational storage, handling and retrieval systems for the IAEA and Member States' nuclear data databases; (2) analyse and specify the concept and strategy of database design and software architecture, with the primary aim of foreseeing future the user needs, (3) invent and develop new methods of access to the data and formats for their presentation in an open source flexible and effective manner to ensure long-life cycles, and; be responsible for the visualisation of many types of data in an efficient and user-friendly fashion. Adopt universally recognized, open source, modern data technologies for this. Applications and more information: [Link](#)

### **Educational Scientific Outreach Officer (all genders) at FAIR-Darmstadt**

The international accelerator center FAIR, matter that usually only exists in the depth of space will be produced and studied in the laboratory, in order to gain new insights into the evolution of the universe and the structure of matter. FAIR offers the opportunity to work in this international environment with a team that is dedicated to doing world-class science every day. Transferring the scientific insights of FAIR research into broader society is the goal of FAIR's future outreach activities. The main target groups are pupils and students. For this purpose, we are looking for an Educational Scientific Outreach Officer at FAIR. The main task of the position is the development of a sustainable concept of outreach activities as well as the didactic preparation of science at FAIR in educational content and formats for schools and universities. The implementation of this concept is to take place within the "Joint Outreach Office (JOO)", which is to be staffed with an additional Outreach Officer employed by the German university groups (ErUM-FSPs@FAIR). The Joint Outreach Office is located at the FAIR Press and Public Relations department and acts as an interface between the FAIR research groups and the main target groups. Therefore, a collegial collaboration within the JOO as well as with scientists at GSI/FAIR, the German universities and the international scientific community, is essential: Posting-ID: 23.69-779112

## Doctorado

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### **DOE Office of Science Graduate Student Research (SCGSR) Program**

The Department of Energy's (DOE) Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2023 Solicitation 2 cycle. Applications are due on November 8, 2023, at 5:00 pm ET. The SCGSR program provides supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory or facility in collaboration with a DOE laboratory scientist — with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission. The research opportunity is expected to advance the graduate students' overall graduate theses while providing access to the expertise, resources, and capabilities available at the host DOE laboratories. SCGSR is open to current Ph.D. students in qualified graduate programs at accredited U.S. academic institutions, who are conducting their graduate thesis research in targeted areas of importance to the DOE Office of Science. Since its inception in 2014, the SCGSR program has provided support to over 1,000 graduate awardees from 158 U.S. universities to conduct thesis research at all 17 DOE national laboratories across the nation.

More information: [Link](#)

### **Announcement of 22 doctoral positions within the field of nuclear photonics**

Twenty-two positions for early-career researchers ("doctoral students") will be available on Oct 1, 2023 with more to come in the next years starting always in October. Doctoral research projects on topics such as High-intensity laser-target interaction, Laser-induced generation of particle beams, Laser-Compton-based  $\gamma$ -ray sources, Photonuclear reactions and metrology (experimental and theory) will be offered. Interested Junior Researchers are invited to submit electronically their curriculum vitae, copies of transcripts and certificates, a motivation letter, two letters of recommendation and, optionally, a list of publications preferably as a single file to the address [nuclearphotonics@ikp.tu-darmstadt.de](mailto:nuclearphotonics@ikp.tu-darmstadt.de). More info: [Link](#)

## Congresos, Talleres, Seminarios y Escuelas

### **14th Nucleus- Nucleus Collisions Conference - NN2024**

The 14th International Conference on Nucleus- Nucleus Collisions (NN2024 ) is being held in Whistler, British Columbia, Canada during August 18 – 23, 2024. The scientific program will be devoted to the latest experimental and theoretical developments in nucleus- nucleus- collisions with a wide range of topics. The program will consist of invited plenary and parallel session presentations as well as contributed oral and poster presentations. Information about the conference is found on the conference website: [Link](#)

### **Workshop on Nuclear Cluster Physics (WNCP2023)**

We are pleased to announce that Workshop on Nuclear Cluster Physics (WNCP2023) will be held at Nambu Yoichiro Hall in Graduate School of Science, Osaka University on November 27--29, 2023. This workshop is a part of the series that started in 2016. The last workshop was held at Sichuan University in 2018. After the suspension due to the COVID-19 pandemic, WNCP will resume an international forum on the nuclear cluster physics. We look forward to welcoming colleagues to Osaka, where we can reconnect, exchange ideas, and foster collaboration. Registration and abstract submission have opened on the workshop indico page: [Link](#)