BOLETÍN FNUC

Anuncios

Permanentes

Experimental nuclear physics reasearch position (CNRS)

The CNRS opens 8 permanent researcher positions for nuclear, particle and astroparticle physics (see Link), one of them being in the "Exotic Nuclei" group (see Link) at Laboratoire de Physique des 2 infinis at Bordeaux (see Link). Applications should be sent before February 9th 2024. More information: Link1 and Link2

Professorship for experimental nuclear physics (W3) for nuclear structure physics

The professorship focuses on experiments with stable and unstable accelerated beams in the field of nuclear structure physics. The successful candidate will lead a research group working in the above-mentioned areas and using the experimental possibilities of the accelerators at the Institute for Nuclear Physics at the University of Cologne. Participation in future experiments and research activities at GSI/FAIR is expected, as is the successful acquisition and implementation of third-party funded projects. More information: Link

Postdocs

Postdoc position at JRC-MONNET on the ANITA project: "A Neutron Source based on Nitrated Targets" (3-year)

A dynamic position in an international organization to assess an innovative neutron source at the MONo-energetic NEutron Tower – MONNET (Belgium) is offered. Currently, Accelerator-Based Neutron Sources (ABNS) provide neutrons through a limited set of nuclear reactions: 7Li(p,n) and T(p,n) for keV-MeV neutrons, D(d,n) for MeV ones, and T(d,n) for energies between 13 and 24 MeV. The presently used accelerators can mostly offer up to 7 MeV charged-particle beams, generating an energy gap in the neutron yields from 10 to 13 MeV. The researcher will test different nitrated targets as feasible neutron sources. More information: cguerrero4@us.es

Position at Syracuse University

The Physics department at Syracuse University is soliciting applications for a postdoctoral research associate who will work in Nuclear Physics experiments at JLab, including MOLLER and SoLID. During the period from Feb. 2023 to Feb 2025, the postdoc will help assemble and test the SoLID data acquisition system at Jefferson Lab. Jefferson Lab will provide the components of the DAQ system. For details and the application process, see Link.

Postdoctoral researcher at the University of Wyoming

The appointment is initially for 2 years, contingent on performance in the first year, but potentially extendable beyond this based on availability of funding. 1D stellar modeling experience (especially with MESA) is advantageous, but the position is broadly open to anyone working on stars or stellar populations (including Galactic archaeology, nucleosynthesis, etc). The postdoc will have the flexibility to pursue whatever projects they choose. More information: Link1 and Link2

Research professor position at University of Washington

The Center for Experimental Nuclear Physics and Astrophysics (CENPA) at the University of Washington, Seattle has a rare opportunity for a full-time (100% FTE, 12-month service term) research faculty member who, depending on qualifications, may be hired at the rank of Assistant Research Professor, Associate Research Professor, or Research Professor. The position is expected to start Fall Quarter 2024, subject to candidate availability. The position is not tenure eligible. More information: Link

Position on "Nuclear Processes in accreting neutron stars" at ULB (Belgium)

A new 3-y post-doctorate position is now open at the Institute of Astronomy and Astrophysics of the Université Libre de Bruxelles (Belgium) on "Nuclear Processes in accreting neutron stars". Interested candidates should send their CV and request two referees to send their recommendation letter directly to N. Chamel at nicolas.Chamel@ulb.be.

Doctorado

PhD position for experimental nuclear physics at University of Cologne and GSI

The Institute of Nuclear Physics at the University of Cologne and GSI, Darmstadt invite applications for a PhD student position in nuclear physics research within the DESPEC (DEcay SPECtroscopy) collaboration. The DESPEC experiment forms part of the NUSTAR (NUclear Structure, Astrophysics and Reactions) collaboration, which comprises one of the scientific pillars of the future FAIR facility currently under construction in Darmstadt, Germany. The expressions of interest in the position including a curriculum vitae and a proof that you have master degree shall be sent (in one pdf-file) to Professor Dr. Peter Reiter (preiter@ikp.uni-koeln.de) and Dr. Magda Górska (m.gorska@gsi.de) before 15.03.2024. Based on the incoming expressions of interest, an appointment procedure of the most competitive, suitable candidate will be started.

Otros

Associate Director for the Laboratory for Nuclear Science-MIT-Bates Research and Engineering Center

The MIT-BATES research campus hosts a diverse program ranging from experimental nuclear and particle physics research through advanced computing to climate research. It is home to the BATES Research and Engineering Center, which provides engineering and technical support for a wide variety of nuclear physics experiments at projects of importance to DOE supporting a broad spectrum of researchers from MIT collaborating external scientists or institutions and industrial or federal partners. More information: Link

Congresos, reuniones, escuelas

2024 CeNAM Frontiers in Nuclear Astrophysics Meeting

The 2024 CeNAM Frontiers in Nuclear Astrophysics Meeting will take place at the Embassy Suites by Hilton South Bend at Notre Dame on June 3-7, 2024. More information: Link

AZURE2 R-Matrix Summer School 2024

We are delighted to announce that applications are now open for the AZURE2 R-Matrix Summer School 2024. The summer school will be held at the University of Edinburgh from the 23rd to 28th June 2024. More information: Link

Extended abstract submission deadline - European AI for Fundamental Physics

We warmly invite you to the first "European AI for Fundamental Physics Conference" (EuCAIFCon) which will be held in Amsterdam, from 30th April to 3rd May 2024. The aim of this event is to establish new connections between AI activities across various branches of fundamental physics, by bringing together researchers facing similar challenges and/or who are developing common AI solutions. The conference will be organized "horizontally": parallel sessions are centered on specific AI methods and themes, while being cross-disciplinary regarding the scientific questions. More information: Link

International Doctorate School "Frontiers in Nuclear and Hadronic Physics 2024"

The International Doctorate School "Frontiers in Nuclear and Hadronic Physics 2024" of the Galileo Galilei Institute will take place from February 26 to March 8 in Florence (Italy). The theoretical aspects of both structure and reactions will be covered with lectures. More information: Link1 and Link2

TRIUMF Summer Institute 2024: Modern Tools for Nuclear Reactions

The TRIUMF Summer Institute 2024 will be held August 11 to 17, 2024, at TRIUMF in Vancouver, BC, Canada. The TRIUMF Summer Institute (TSI) is a topical summer school aimed at graduate students and post-doctoral researchers. The topics this year are inspired by the Conference on Nucleus-Nucleus Collisions (NN2024) being held in Whistler, BC, Canada on August 18-23. The curriculum is designed with graduate students and postdocs attending the NN2024 in mind, allowing them to gain a deeper insight into experimental and theoretical topics presented at NN2024. In addition they will gain practical experience in applying those theories, for use in both current and future research work. More information: Link