



BOLETÍN FNUC

Publicaciones

Octupole correlations in the $N = Z + 2 = 56$ ^{110}Xe nucleus, A. Illana et al., Physics Letters B 848, 138371 (2024). [Link](#)

Anuncios

Permanentes

Chalmers opens 7 positions as Assistant Professor within Basic Science

Chalmers University of Technology in Gothenburg, Sweden, is recruiting 17 Assistant Professors (including 7 positions within Basic Science) with innovative research ideas who seek scientific freedom to pursue their aspirations across broad research fields. More info: [Link](#)

Postdocs

Post doc position open in JYFL-ACCLAB

We are presently seeking candidates for a two-year fixed term post doc position in the Accelerator Laboratory of University of Jyväskylä, Finland. The post doc will be working in the Nuclear Spectroscopy Group towards the decay spectroscopy station of the MARA-LEB project. More info: [Link](#)

Postdoc position at PTB (Germany)

A postdoc position on the development and experimental benchmark of a Geant4 code for the simulation of targets used for monoenergetic neutron production has been opened at PTB. More info: [Link](#)

Physics Lecturer and Lab Coordinator at The Ohio State University

The Lima campus of The Ohio State University seeks a Lecturer and Lab Coordinator in the Department of Physics, for a one-year appointment beginning Autumn 2024. This is an annual appointment that may be renewed contingent upon the Dean's approval, satisfactory performance, departmental needs, and the availability of funding. More info: [Link](#)

RIKEN Special Postdoctoral Researcher position for FY2025

We are pleased to announce that the call for applications for RIKEN Special Postdoctoral Researcher position for Y2025 is now open. More info: [Link](#)

Postdoc position in precision x-ray spectroscopy of exotic atoms with quantum sensors

Applicants are invited for a postdoctoral position in experimental quantum physics at Laboratoire Kastler Brossel (LKB) in Paris, France, in the Exotic Ions group led by Paul Indelicato and Nancy Paul. LKB is jointly run by Sorbonne Université, École Normale Supérieure, Collège de France and CNRS. The team works on accelerator-based precision x-ray spectroscopy of highly-charged ions and exotic atoms to understand strong-field quantum electrodynamics and fundamental interactions. Application procedure: Inquiries and applications should be sent by email to Nancy Paul (nancy.paul[at]lkb.upmc.fr) with a CV and a list of 2-3 references

Postdoc position in nuclear astrophysics at TU-Darmstadt

The Theoretical Astrophysics Group at the TU Darmstadt works on understanding the origin of heavy elements with astrophysics simulations of supernova explosions and compact binary mergers that probe nuclear matter at the extremes and with nucleosynthesis calculations that involve the most neutron-rich nuclei. A postdoctoral position for 3+2 years will be associated to the Max Planck Institute for Nuclear Physics (new Max-Planck Fellow group “Theoretical Nuclear Astrophysics and the origin of heavy elements in the Universe”). The project will focus on nucleosynthesis calculations considering latest experimental and theoretical nuclear physics developments and will support and motivate future experiments. The candidate should have a physics PhD (or equivalent) and background on nuclear astrophysics and nucleosynthesis. Applications including CV, publication list, research statement (1 page), and two names of potential referees should be sent until March 15, 2024 to [Link](#)

Doctorado**Postdoc position in nuclear astrophysics at TU-Darmstadt**

The goal of the PhD position is to perform hydrodynamical simulations of core-collapse supernovae with the final aim of studying the nucleosynthesis. This is a 3-year position within the collaborative research center (SFB 1245). The candidate should have a Master in physics (or equivalent) and background on nuclear astrophysics. More information: [Link](#)

Técnicos**JRC GEEL Job opportunity Chemist for target making**

The job holder will prepare nuclear targets for nuclear data measurements at the JCR's, Member States' and international accelerator sites. More information: [Link](#)

Congresos, reuniones, escuelas

QPT 2024 workshop at Huelva

We are planning to host the present year, from April 24 until April 26, an informal workshop on Quantum Phase Transitions in the University of Huelva. This is the 6th edition of our series of QPT workshop with previous editions in Granada, Seville, Barcelona, and Madrid. In this occasion our keynote speaker is Denis Lacroix and the focus of the workshop is quantum computing. Please distribute the attached announcement among your colleagues that may be interested in attending this meeting.

Nuclear Science Summer School (NS₃) for undergraduates

Michigan State University will be hosting the 9th Nuclear Science Summer School (NS₃) on May 12-18, 2024. NS₃ is a summer school for undergraduate students that aims to introduce the participants to the fields of nuclear science and nuclear astrophysics. NS₃ will offer lectures and activities covering selected nuclear science and nuclear astrophysics topics and providing an overview of the field. We plan to host the school in person. Lectures and activities will be led by researchers based at the Facility for Rare Isotope Beams (FRIB). The school is funded by the National Science Foundation. The deadline for the applications is February 23, 2024. More info: [Link](#)

2024 CeNAM Frontiers in Nuclear Astrophysics

Registration and abstract submission for the 2024 Center for Nuclear Astrophysics across Messengers (CeNAM) Frontiers in Nuclear Astrophysics Meeting is now open. The meeting will take place at the Embassy Suites by Hilton South Bend at Notre Dame on June 3rd to 7th, 2024. It is jointly organized by the CeNAM, which received support from the Department of Energy Office of Science Office of Nuclear Physics, the International Research Network for Nuclear Astrophysics (IReNA), and University of Notre Dame. More info: [Link](#)

Nuclear Structure 2024

We would like to invite you to join us for Nuclear Structure 2024 (NS2024). Argonne National Laboratory will host this conference, which is the 19th meeting in the biennial Nuclear Structure series. Abstract submission is now open (deadline: April 5th, 2024). The scientific program will be devoted to recent experimental and theoretical research on atomic nuclear structure at the limits of mass, isospin, excitation, and angular momentum from around the world. We will also use this occasion to celebrate the 75th anniversary of the shell model. More info: [Link](#)