



BOLETÍN FNUC

Publicaciones

Ab initio Uncertainty Quantification of Neutrinoless Double-Beta Decay in Ge 76,

A. Belley et al., Physical Review Letters 132, 182502 (2024)

Anuncios

Permanentes

W2 professorship in hadron physics at Ruhr-Uni-Bochum and GSI

Please take note that a tenured professorship (W2) in the field of hadron physics is now being filled at the Ruhr-Uni-Bochum together with GSI. If you know someone who might be interested in this offer please pass on the following link to the advertisement. More information: [Link](#)

Postdocs

Postdoctoral position at IEM-CSIC

A postdoctoral position in experimental study of hypernuclei with machine learning is available from 1st of July 2024 for a duration of 1 year with the group of experimental nuclear physics FNEXP of IEM - CSIC, Spain. We are seeking a highly qualified and motivated candidate to participate to the experimental data analysis related to the study of hypernuclei in nuclear induced-reactions of the WASA-FRS experiment at GSI-FAIR of SuperFRS Experiment collaboration. More information: [Link](#)

Postdoctoral position at University of Notre Dame

The University of Notre Dame Nuclear Science Laboratory (NSL) invites applications for a postdoctoral research position to perform research at the NSL. Candidates with a range of experiences in experiments related to nuclear astrophysics, nuclear structure, and fundamental symmetries are encouraged to apply. The NSL is home to several research groups studying a wide range of topics in nuclear physics, and the successful candidate will have the freedom to choose among the various research groups to work with. More information: [Link](#)

Postdoctoral Research Fellow in Experimental Nuclear Structure Physics - LPC-Caen

The postdoctoral fellow will be a member of the “Nuclear Structure” research team at LPC-Caen. The group’s work focusses on the structure of nuclei far from stability using direct reactions. The present position will support the group’s investigations of neutron-rich nuclei at the RIBF facility at RIKEN (Japan). In particular, the postdoctoral fellow will be a member of the STRASSE and SAMURAI collaborations. As such, they be involved in the commissioning of and first experiments with the STRASSE Si-strip vertex tracking system, as well as the experimental programme with the recently commissioned NEBULA-Plus fast neutron array at SAMURAI. Involvement in the development of a new large-scale scintillator array (HYPATIA) for in-beam gamma ray spectroscopy is also envisaged. The successful applicant will also be involved in the analysis and publication of data acquired in previous campaigns of experiments at the RIBF with the SAMURAI setup and/or with the HICARI Ge-array. More information: [Link](#)

3 Auxiliary Contract Staff positions in the Unit Nuclear Data and Measurement Standards of Directorate G – Nuclear Safety & Security at the JRC-Geel

More information to apply: [Link](#)

Doctorado

10 PhD positions at GSSI

The Physics Division of the GSSI – Gran Sasso Science Institute (L’Aquila, Italy) is opening 10 Ph.D. positions in Astroparticle Physics, starting in the Academic Year 2024/2025. Applicants typically have undergraduate degrees in physics, astrophysics or related fields, and are drawn from among the most talented students around the world. Astroparticle Physics at GSSI includes both experimental and theoretical projects on high energy cosmic radiations, underground rare event searches, gravitational waves, multi-messenger astrophysics and neutrino physics. The research activities are carried on in close collaboration also with the nearby INFN Gran Sasso National Laboratory. The applications must be submitted through the online form available at [Link](#) by May 23rd 2024 at 3 pm (Central European Summer Time).

Congresos, reuniones, escuelas

3rd Santa Cruz School on Multi-Messenger Astrophysics

We are organizing the 3rd Santa Cruz School on Multi-Messenger Astrophysics, which will take place from July 13 to 22, 2024 at the University of California, Santa Cruz, USA. More information: [Link](#)

The "s, i, & r Element Nucleosynthesis (sirEN)" Conference

It is a great pleasure to announce the "s, i, & r Element Nucleosynthesis (sirEN)" Conference, which will be held in Giulianova (Italy), on June 8-13, 2025. Details can be found at: [Link](#)

Nuclear Physics in Astrophysics XI school: Second circular

The Nuclear Physics in Astrophysics XI School, that will take place in Stolpen (Germany) from September 8 to September 15, 2024. The school is connected to the International Conference on Nuclear Physics in Astrophysics XI and it includes frontal lectures and hands-on activities that give students from all fields the unique opportunity to widen their experience in experimental astrophysics, astronomical data analysis and outreach. More information: [Link](#)

NuSYM24, the XIIth International Symposium on Nuclear Symmetry Energy

NuSYM24, the XIIth International Symposium on Nuclear Symmetry Energy will be held during September 9-13 in Caen (France) organized by GANIL. The purpose of NuSYM24 consists of discussing advances in experimental and theoretical studies of the nuclear equation of state of asymmetric nuclear matter and relevant advances in astrophysics. An important role of the symposium is to unify efforts of the nuclear physics and astrophysics communities in addressing common research challenges. More information: [Link](#)

International Symposium of Nuclear Science - 24

The International Symposium on Nuclear Science (ISNS-24) will be hosted in the historically rich and vibrant city of Sofia, Bulgaria, from the 9th to the 13th of September 2024. This event is, co-organized by Sofia University, the Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, and the Bulgarian Nuclear Regulatory Agency (BNRA). We are looking forward to five days of engaging discussions, ground-breaking research presentations, and valuable networking opportunities. More information: [Link](#)