



BOLETÍN FNUC

Noticias

Publicaciones

Investigadores de la UCM desarrollan una técnica que permite obtener imágenes de dos radiofármacos a la vez

La revista Nature Biomedical Engineering, una de las más prestigiosas del mundo en el campo de la Ingeniería Biomédica, presenta estos días el trabajo de investigadores del grupo de Física Nuclear (EMFTEL, IPARCOS e IdISSC) de la UCM, en colaboración con investigadores del Memorial Sloan-Kettering Center y otras instituciones de Nueva York (EEUU) en los que por primera vez se muestra una nueva técnica de imagen nuclear desarrollada por el profesor Joaquín L. Herráiz y colaboradores denominada mPET (PET multiplexado).

Más información: [Link1](#) y [Link2](#)

Anuncios

Permanentes

Staff Position in the Experimental Low-Energy Nuclear Physics Research Group at Argonne National Laboratory

The Low-Energy Nuclear Physics Research Group (LER) of the Physics Division at Argonne National Laboratory seeks an outstanding early-(RD2) or mid-career(RD3) experimental researcher to fill an open scientific staff position within the group. LER performs world-leading research in nuclear structure and reactions, nuclear astrophysics, fundamental symmetries, and nuclear data. The Group also manages and operates world-class detector systems as part of the ATLAS accelerator facility, a DOE supported national user facility for low-energy nuclear physics research. Applicants should apply <https://www.anl.gov/hr/careers> and specify requisition #415962. Both a curriculum vitae and a description of research interests and plans are requested. Review of applicants will begin August 15, 2023, and the position will remain open until filled.

Staff Position in the Experimental Low-Energy Nuclear Physics Research Group at Argonne National Laboratory

The Nuclear Science Division at Lawrence Berkeley National Laboratory has an opening for an Applied Physicist Staff Scientist. The successful applicant will contribute to ongoing activities and establish new initiatives in applied radiation detection and imaging. The posting can be found here: [Link](#)

Head of School (and Professorship) Position Open at Keele University

Positions are currently open for Head of School and Professor in the Chemical and Physical Sciences Department at Keele University. More information can be found at: [Link](#)

Vacancy for a research professorship in Experimental Quantum Physics at KU Leuven

KU Leuven has launched its Quantum Initiative, culminating in a quest for four full-time research professors with a research focus on quantum technologies, ranging from theory, experiments, fabrication, and algorithms. More information can be found at: [Link](#)

Tenure track position (CPJ) opened by the University of Caen at LPC Caen

All the information about the tenure track position (CPJ) opened by the University of Caen at LPC Caen is available on the laboratory's website: [Link](#)

Postdocs

Research Assistant Professor Position at the University of Tennessee

The Experimental Low-Energy Nuclear Physics Group at the University of Tennessee, Knoxville (UTK) is currently seeking candidates for a research assistant professor position in direct reaction studies. The UTK group performs experiments using ORRUBA, a large array of silicon detectors, to measure charged particles from transfer reactions. The group has played a significant role in the development of the GODDESS combined array of ORRUBA and Gretina. In collaboration with partners at Oak Ridge National Laboratory (ORNL), Lawrence Livermore National Laboratory (LLNL), Rutgers University, and the University of Notre Dame, the group performs transfer reaction experiments with GODDESS at Argonne National Laboratory and the ReA beamlines at FRIB. Applicants should apply online at [Link](#). Please provide a cover letter, CV with a list of publications, a research statement. Please arrange for two confidential letters of recommendation be submitted through Interfolio address to Dr. Kate Jones, Divisional Dean of Natural Sciences, College of Arts & Sciences at the University of Tennessee.

Position in Experimental Nuclear Astrophysics at INFN Torino

In the next months, a two years position will be available in Torino at Istituto Nazionale di Fisica Nucleare in the framework of the SOCIAL (Solar Composition Investigated At Luna) project, financed by the Italian Ministry of University and Research. The candidate will work at the LUNA deep-underground laboratory, performing nuclear astrophysics experiments.

More information: francesca.cavanna@to.infn.it

Postdoctoral researcher position @ IPHC Strasbourg

A postdoctoral researcher position is opened within the DNE group of the IPHC laboratory Strasbourg on the study of fission mechanisms; a part of this position will also be devoted to the PARIS gamma calorimeter characterization. The announcement may be found at this address: [Link](#)

Post-doctorate position in fission studies for astrophysics at IAA-ULB

A new post-doctorate position "Study of fission properties of exotic nuclei for astrophysical interest" is now open at the Institute of Astronomy and Astrophysics (IAA) of the Université Libre de Bruxelles (ULB). Interested candidates should send their CV and request two referees to send their recommendation letter directly to S. Goriely at stephane.goriely@ulb.be and W. Ryssens at wouter.ryssens@ulb.be.

Several Postdoctoral and Senior Researcher positions are available at the Center for Exotic Nuclear Studies in South Korea

CENS is seeking creative, dynamic candidates to join and help the Center grow by leading experiments and theoretical studies on exotic nuclei, data analysis, and development of detectors. More information: cens_recruit@ibs.re.kr

CARIBU postdoctoral position

The ATLAS user facility (Lemont, Illinois, USA), is now seeking a qualified candidate for a postdoctoral position planned to start around September-October 2023. The duration of the position is two years with the possibility of one additional year contingent upon funding and performance. The successful candidate will be primarily working with physicists and computer scientists in the development of an automated machine-learning (ML) based system, called CARIBU-matic, designed to optimize the transport of radioactive heavy-ion beams produced by the Californium Rare-Isotope Breeder Upgrade (CARIBU) source. To apply, complete the [online application](#) at the Argonne careers website. Make sure you upload your CV and a cover letter (indicating why you want to apply to this position) in the "Attachments" section of the online form.

Postdoctoral position 'ThoriumNuclearClock'

We invite applications for a postdoctoral researcher position for experiments with stored and cooled 229-thorium ions in a cryogenic Paul trap at LMU Munich. The successful candidate will join the Nuclear Clock ERC Synergy Grant project 'ThoriumNuclearClock'. "ThoriumNuclearClock" is an ERC Synergy Grant project that started in 2020, for a duration of about 6 years. 4 international research teams (LMU Munich/Germany, TU Vienna/Austria, PTB Braunschweig/Germany, U Delaware/USA) join forces to build world's first optical nuclear clock and apply it to fundamental physics studies. The announcement with more details is attached and can be found here: [Link](#)

Técnicos

Applied Physicist for Laser Ion Source at ISOLDE (CERN)

The Accelerator Systems Department (SY), which is responsible for the beam-related technical systems of the CERN accelerators is seeking for an applied physicist. The SY teams design, build and operate equipment systems in all CERN accelerators, and are engaged in ambitious forward-looking R&D programmes. More information: [Link](#)