



BOLETÍN FNUC

Noticias

Eulogio Oset Baguena Medalla de la Real Sociedad Española de Física



La trayectoria profesional del Prof. Eulogio Oset (Instituto de Física Corpuscular y Universidad de Valencia) ha sido reconocida en la edición de 2023 de los Premios de Física de la RSEF y la fundación BBVA con la Medalla de la Real Sociedad Española de Física. El jurado destaca su excepcional carrera científica en el campo de la física teórica, lo que le ha convertido en una referencia en física nuclear. En particular, se valoran sus estudios del espectro hadrónico y de las respuestas nucleares ante sondas electrodébiles, donde sus contribuciones han sido trascendentales a nivel internacional. Su capacidad de liderazgo le ha permitido la creación de una escuela de física nuclear y de hadrones habiendo formado investigadores que actualmente ocupan puestos de responsabilidad en numerosas instituciones nacionales e internacionales. Además, se reconoce la influencia de sus contribuciones científicas en grupos experimentales y teóricos con los que mantiene una estrecha y permanente colaboración. [Link](#)

Anuncios

Permanentes

Assistant Professor in Experimental Nuclear Physics – Texas A&M University

The Department of Physics and Astronomy, College of Arts and Sciences, of Texas A&M University invites applications for a faculty member in the area of experimental nuclear physics. This full-time, tenure-track position with specialization in low-energy experimental nuclear physics will have a nine-month academic appointment beginning August 1, 2024. Applicants will be considered for the faculty title of assistant professor. All applications must be submitted through Interfolio at [Link](#). Application review will begin on November 1, 2023, and continue until the position has been filled. For full consideration, applications must be completed by October 31, 2023.

Assistant Professor in Theoretical Nuclear Science at FRIB at Michigan State University

The Facility for Rare Isotope Beams (FRIB) at Michigan State University (MSU) is seeking outstanding candidates for a junior faculty position at the rank of assistant professor in theoretical nuclear science establishing a program in reaction theory for energetic central reactions. Examples of program components include, but are not limited to: modeling reaction dynamics with the goal of constraining bulk nuclear properties and making connections to multi-messenger astronomy studies, use of AI to optimize observables for inferences and advancing quantum foundations of transport theory for central reactions. While the position is targeted at the rank of assistant professor at MSU within the FRIB Faculty Position System with a joint appointment in the Department of Physics and Astronomy, applications from exceptional candidates with more experience will also be considered. Review of applications starts: 10/31/2023. More info: [Link](#)

Three Rare Isotope Scientists at the Facility for Rare Isotope Beams

The Facility for Rare Isotope Beams Laboratory is searching for PhD-level experimental nuclear scientists to fill three open permanent positions as rare isotope scientists. FRIB offers scientific users access to over 4,000 different rare isotope beams at low to high energy. The rare isotope scientist position supports operation and upgrade of the ARIS fragment separator used to supply those beams. We are looking for individuals with a diverse background, as there is the opportunity in this position to apply a wide range of experimental techniques from heavy ion detectors to application of machine learning techniques. In addition to ARIS operation, the successful applicant is encouraged to pursue leading research in rare isotope science or related scientific fields. Details and instructions for how to apply can be found at careers@msu ([Link](#)).

Postdocs

Postdoc position at the Department of Nuclear Chemistry in Prague

At the Department of Nuclear Chemistry of the Czech Technical University in Prague (CTU), we are opening a postdoc position on the electrochemistry of homologues of superheavy elements. At CTU, the fellow will become a team member of the FAIR-CZ project "Facility for Antiproton and Ion Research (FAIR) – participation of the Czech Republic" ([Link](#)). The position is for two years and application deadline is November 30th: [Link](#)

Postdoctoral Researcher at Lawrence Livermore National Laboratory

The Nuclear Physics and Accelerator Technologies Group at Lawrence Livermore National Laboratory seeks an experimental nuclear physics postdoctoral researcher to work on indirect neutron-capture constraints that inform our understanding of the formation of the solar system. The successful candidate will perform charged-particle-gamma-ray coincidence measurements at the John D. Fox Accelerator Laboratory at Florida State University using their newly developed tritium beams and will analyze data using indirect neutron-capture techniques such as the Oslo Method and Surrogate Reaction Method. In addition to experimental setup and data analysis, you will also characterize the detection systems using GEANT simulations and work with LLNL nuclear theorists and astrophysics collaborators to interpret the results obtained. For full consideration for this position, please apply at this [link](#) by October 13, 2023

Postdoc position @ LANL - neutron target

The P-3 group in Physics division is looking for a postdoctoral researcher to work in the Low Energy Nuclear Physics Team on first experiments with a neutron target. The successful candidate will work on an interdisciplinary team to develop, field, and perform the first ever measurement of neutron capture with a heavy ion beam impinging on a standing neutron target. This development of the Neutron Target Demonstrator (NTD) will take place at the Los Alamos Neutron Science Center (LANSCE). In addition to applying on-line, please send a curriculum vitae, a cover letter summarizing relevant qualifications, research, and career goals, and arrange for three letters of recommendation to be sent to Andrew Cooper (alcooper@lanl.gov). More info: [Link](#) (Ref: IRC125055)

Four Postdoc Positions available at FRIB

- Postdoc position performing research and development in nuclear astrophysics with SECAR: [Link](#)
- Postdoc position conducting research on machine learning for time projection chambers (TPCs) at FRIB: [Link](#)
- Postdoc position supporting the target and beam dump group / high power targetry department in the FRIB Accelerator Systems Division: [Link](#)
- Postdoc position for the QuEST Project in fundamental symmetries: [Link](#)

Postdoc position at the CIMAP-GANIL center

CIMAP/ARIA team is hiring a Post-doc researcher in Physics –dosimetry– radiobiology at the CIMAP-GANIL center in order to develop FLASH irradiation with carbon ions. Please see: [Link](#)

Congresos, Talleres, Seminarios y Escuelas

Jornadas de la RSEF-IFIMED de Física Médica

Las próximas Jornadas de la RSEF-IFIMED de Física Médica serán en Sevilla del 29 de noviembre al 1 de diciembre. Estas Jornadas son multidisciplinarias, no solo están dirigidas a físicos, también a médicos, biólogos, etc. Enlace a la página web: [Link](#)

2nd Particle Minibeam Therapy Workshop

The 2nd Particle Minibeam Therapy Workshop is a collaborative forum for researchers, clinicians, and experts in the field of Particle Minibeam Therapy. This workshop, scheduled to take place from 20th to 22nd March 2024 in Munich aims to facilitate an engaging exchange of ideas, experiences, and advancements in Particle Minibeam Therapy. [Link](#)

HadNuc@UB seminar

Lattice Quantum Electrodynamics in 1+1 Dimensions: The Vacuum on 100 Qubit. Marc Illa (University of Washington) [Link](#)

Otras noticias

In memoriam Maria Fidecaro (1930 – 2023)

We are deeply saddened to learn that Maria Fidecaro, an experimental physicist who joined CERN in 1957, passed away on 17 September. Maria was a familiar face to the CERN community until long into her retirement, often seen arm-in-arm with her husband Giuseppe as they made their way through the CERN corridors. She was also well-known to CERN visitors, featuring prominently in the Synchrocyclotron exhibition's film. Extended obituary: [Link](#)