



BOLETÍN FNUC

Anuncios

Permanentes

Faculty position at Florida State University

The FSU Physics Department offers research programs that are well-funded, diverse, and provide a breadth of learning and teaching experience to over 300 graduate and undergraduate students. The department is comprised of over 60 faculty members specializing in condensed matter, nuclear, high-energy, atomic, bio-, and astrophysics. The Physics Department houses unique experimental facilities such as the John D. Fox Nuclear Accelerator Laboratory, where this position is located. More information: [Link](#)

Postdocs

Postdoctoral Fellow position at ULB in theoretical nuclear astrophysics

The nuclear-astrophysics group at ULB (Brussels, Belgium) is opening a two-year postdoctoral fellowship in nuclear theory. The aim of the project is to study the fission properties of thousands of heavy nuclei, exploiting the latest large-scale models of nuclear structure developed in Brussels to advance the state of the art of the fission data available to r-process simulations. 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.

Postdoc position at University of Salento (Italy)

We are glad to announce the opening of a post-doc position in Nuclear Theory at University of Salento, in Lecce (Italy), starting approximately at the beginning of 2024 (but not later than February 2024). The duration of the fellowship is 24 months, with a monthly net salary of about 1.8kEuro. The research project aims to the construction and the application of nuclear Hamiltonians in the framework of low-energy effective field theory (LEEFT), with nucleons or alpha-particle clusters as effective degrees of freedom. Further details: Luca Girlanda, luca.girlanda@unisalento.it

Postdoctoral position at University "Luigi Vanvitelli"

This message announces the opening of a call for a post-doc position in Nuclear Theory that should start on February 1st 2024 at the Department of Mathematics and Physics of the University "Luigi Vanvitelli" in Caserta (Italy). The duration of the fellowship is 18 months, and the monthly net salary amounts to 1.9 kEuro. This position is framed in a 2-year project that the Nuclear Theory group at University "Luigi Vanvitelli" will carry out from next fall in collaboration with the Nuclear Theory groups at the Universities of Pisa and Salento, and the topic of the research project is the nuclear structure study of nuclear low-energy EFT Hamiltonians. More information: [Link](#)

Doctorado

Beca FPI en el Grupo de Física Nuclear de la Universidad Complutense de Madrid

The Nuclear Physics Group at the Universidad Complutense de Madrid located in Madrid, Spain, is looking for a candidate to join our group to realize a Ph. D. in Physics to work on *In vivo exploration of tissue response to radiation*. FLASH radiotherapy has the potential to become the most significant innovations in the field of radiation oncology. However, the precise biological mechanisms underlying its unique effects remain to be elucidated. The main research activity of this PhD project is the development of a system that will allow to study the biology of tissue dynamics under irradiation. The system will combine an X-ray irradiator with full beam modulation and a real-time photoacoustic image monitoring system capable of capturing changes in tissue dynamics in real time.

Applications are accepted contacting directly by email: Dr. Mailyn Pérez-Liva (mailynor@ucm.es) and Dr. Paula Ibañez (pbibanez@ucm.es) and must include a curriculum vitae and a confidential letter of reference. Candidates must be EU citizens or hold a valid Working (Employment) Schengen Visa.

Congresos, Talleres, Seminarios y Escuelas

Applied Nuclear Physics conference (ANP2024)

The Applied Nuclear Physics conference (ANP2024), which will take place in Thessaloniki, Greece, from September 23th to 27th, 2024. The conference will focus on applications of nuclear physics to energy, health, space, security, environment, material science, preservation and study of cultural heritage, among others. In particular, it will address the following topics: ion beam analytical methods in material science; ion and neutron beam irradiation of materials; nuclear physics for energy and space technologies; nuclear analytical methods for environmental and archaeological studies; nuclear physics in medicine. More information: [Link](#)

WE-Heraeus Binational Seminar 2024 - Nuclear Astrophysics with Ion Storage Rings

The seminar will be held in person at the Physikzentrum Bad Honnef in Germany from 29th January to 2nd February 2024. More information: [Link](#)

17th International Symposium on Nuclei in the Cosmos (NIC)

The 17th International Symposium on Nuclei in the Cosmos (NIC) will take place at the Science Culture Center (SCC) of the Institute for Basic Science (IBS) in Daejeon, Republic of Korea from Sep. 17, 2023 to Sep. 22, 2023. [Link](#)

Otras noticias

JYU Visiting Fellow Programme 2024

The University of Jyväskylä (JYU), Finland, invites applications for the JYU Visiting Fellow Programme. The programme supports researchers with a doctoral degree, who are from outside Finland, to visit JYU for one (30 days) to three months (90 days) in 2024. The visiting period may start earliest in January 2024. The aim of the JYU Visiting Fellow Programme is to strengthen University's global engagement and strategic collaboration with international partners. The main emphasis of the programme is in research collaboration, but the Visiting Fellows are also invited to participate in educational activities at JYU. More information: [Link](#)

Nerea Encina Baranda gana el PhDay Físicas 2023 en la UCM

Nerea Encina Baranda, estudiante de doctorado del Grupo de Física Nuclear de la Universidad Complutense de Madrid, ha ganado el premio “PhDay Físicas 2023” de la Universidad Complutense de Madrid con el trabajo “Deep PRC: artificial intelligence-based positron range correction in nuclear medicine” supervisado por Alejandro López Montes y Joaquín López Herraiz. El PhDay Físicas es un encuentro entre estudiantes de los programas de Doctorado de la Facultad de Ciencias Físicas de la Universidad Complutense (Física, Astrofísica). La edición de 2023 ha contado con 21 participantes.



Entrega de premios del PhDay Físicas 2023 UCM. Fuente: @Fisicas_UCM