



BOLETÍN FNUC

Artículos publicados

Measurement of the bunch structure of a clinical proton beam using a SiPM coupled to a plastic scintillator with an optical fiber

Miguel García Díez et. al,

Medical Physics

DOI: <http://doi.org/10.1002/mp.16333>

Production of ^{11}C , ^{13}N and ^{15}O in proton-induced nuclear reactions up to 200 MeV

T. Rodríguez-González et. al,

Nuclear Data Sheets 187 (2023) 579-596

DOI: <https://doi.org/10.1016/j.nds.2023.01.004>

Machine Learning of Multi-Modal Tumor Imaging Reveals Trajectories of Response to Precision Treatment

N. Mansouri,

Cancers 2023, 15, 1751

DOI: <https://doi.org/10.3390/cancers15061751>

Anuncios

Permanentes

Detector Physicist

The Detector Systems Group at Daresbury Laboratory is a multi-disciplinary team of 9 people comprising detector physicists, software engineers, electronics engineers and electronics technicians. We operate across a range of projects in support to the UKRI scientific mission.

We are looking for a motivated and dedicated detector physicist to team-up and play a leading role in growing our research in two key technologies of interest. These are Monolithic Active Pixel Sensors (MAPS) for particle tracking applications, and High Purity Germanium (HPGe) sensors for X-ray spectroscopy applications. We are involved in R&D and construction projects across both areas for national and international collaborations and facilities.

[Link](#)

Postdoctorado

Postdoc Position Announcement: Post Doc Research Associate Position in Data Analytics and Algorithms at Pacific Northwest National Laboratory

Post Doc Research Associate – Data Analytics and Algorithms

Pacific Northwest National Laboratory

Application Closing Date: 3/30/2023

<https://careers.pnnl.gov/jobs/6747?lang=en-us>

Cursos

Cursos de la Escuela Complutense de Verano

Cursos reconocidos con créditos de la UCM, enfocados a cubrir temas que por su actualidad no se encuentran en planes de estudio actuales, pero que tienen demanda por parte del mercado laboral.

- 1) Curso de Protonterapia, Imagen Médica e Inteligencia Artificial (Presencial)
- 2) Curso de Aplicaciones de la Inteligencia Artificial en Ciencias (Mixto: Presencial o Virtual)

Más información [aquí](#).

Plazo para solicitud de becas de Alojamiento y Matrícula, al 16 de Abril 2023. La información sobre becas está [aquí](#).

Más información: jlopezhe@ucm.es

Summer School 20th Exotic Beam Summer School (EBSS2023)

The twentieth Exotic Beam Summer School (EBSS2023) will be held at the Facility for Rare Isotope Beams (FRIB) on the campus of Michigan State University (MSU) in East Lansing, Michigan, USA, from July 9-July 15, 2023 (opening reception on the evening of Sunday, July 9). The aim of the school is to educate young researchers about the excitement and challenges of rare isotope beam science. Through these schools, the research community will be able to more fully exploit the opportunities created by the next-generation exotic beam facilities, such as the FRIB in the U.S.

Application deadline: 21 APRIL 2023.

Apply here: frib.msu.edu/ebss2023

Congresos, Talleres y Seminarios

IGFAE workshop on technologies and applied research at the future Galician proton-therapy facility

The workshop will take place on May 9th-10th, 2023, at Santiago de Compostela and intends to gather and analyze interests and developments related with proton-therapy accelerators at national and international level for the next years, in a scenario where new public proton-therapy treatment and research facilities will be installed soon in Spain, and more precisely in Santiago de Compostela.

For more details about the meeting: <https://indico.cern.ch/event/1254341/>

Otras noticias

Luis Mario Fraile elegido miembro de GENCO

GENCO community honored with membership to Professor Luis Fraile (Universidad Complutense de Madrid, Spain) for the use of new, fast scintillator materials in connection with the pioneering development of short pulse spectroscopy and its application to the study of short-lived excited states in exotic nuclei at various research institutions worldwide

[Link](#)

Exposición: Isòtops i espectrometria de masses: 100 anys del Nobel a Francis W. Aston

Exposición en la Universitat de Barcelona sobre el centenario del premio Nobel a Francis W Aston, premio Nobel por confirmar experimentalmente la existencia de los isótopos, y que además tiene el record individual de isótopos “descubiertos” (1205 de los 254 estables conocidos!)

[Link](#)