



BOLETÍN FNUC

Publicaciones

Artículo de referencia para neutrones rápidos en CNA HISPANOS

Se acaba de publicar referente a la producción de neutrones rápidos en HISPANOS.

M.A. Milán-Callado, C. Guerrero, B. Fernández, J. Gómez-Camacho, M. Macías "Continuous and pulsed fast neutron beams at the CNA HiSPANoS facility", Rad. Phys. Chem. 217 (2024) 111464

Link: <https://doi.org/10.1016/j.radphyschem.2023.111464>

Anuncios

Permanentes

Professorship for experimental nuclear physics (W3) at University of Cologne

A new full professor position for experimental nuclear physics will be opened in the Nuclear Physics Institute at the Physics Department of University of Cologne. More information: [Link](#)

Postdocs

Two post-doctoral positions in nuclear theory and nuclear astrophysics in France

We would like to draw your attention to the following announcement for two post-doctoral positions in nuclear theory and nuclear astrophysics:

- IJCLab has an opening for a postdoctoral researcher to pursue research on relativistic Lagrangians, energy density functionals approaches applied to finite nuclei, spherical and deformed systems. More info: [Link](#)
- IP2I Lyon has an opening for a postdoctoral researcher to pursue research on relativistic Lagrangians, dense matter equation of state and phase transitions, and neutron star phenomenology. More info: [Link](#)

Doctorado

Predoctoral research position at the University of Huelva (Spain)

The Subatomic and Molecular Physics Group/Center of Advance Studies in Physics, Mathematics, and Computation of the University of Huelva is offering a PhD contract for the completion of a doctoral thesis associated with the project PID2022-136228NB-C21, titled "Shape coexistence and quantum phase transitions in atomic nuclei with application in quantum computing," supported by the Ministry of Science and Research. The contract will have a duration of 4 years and will commence in March 2024. Applicants should follow the instructions provided at [Link](#). The deadline for applications is 22 January. It is recommended to contact the researcher in charge of the project, José Enrique García Ramos (enrique.ramos@dfaie.uhu.es)

Congresos, reuniones, escuelas

The 12th International Conference on Direct Reactions with Exotic Beams DREB2024

The 12th international conference on Direct Reactions with Exotic Beams (DREB2024) will be held in Wiesbaden, Germany, from June 24th to 28th, 2024. The scientific program will be devoted to the latest experimental and theoretical research and developments in nuclear reactions with exotic nuclei. More information: [Link](#) (deadline has been extended until 25th January)

5th SUMMER SCHOOL on Neutron Detectors and Related Applications NDRA-2024

The school will take place on 23th – 27th June at Riva del Garda, Trento, Italy. Continuing in its tradition, the aim of the school is to illustrate principles, methodologies and most recent applications of neutron detection technologies. In particular, the school will tackle various arguments that span from neutron interaction principles, materials for neutrons detectors, neutron sources, Monte Carlo simulation codes, up to applications with neutrons. The school is addressed to PhD students, Post-Docs and young researchers with backgrounds in Engineering and Physics.

Second International School on Simulation of Nuclear Reactor Systems (SINUS)

The NEA Working Party on Scientific Issues and Uncertainty Analysis of Reactor Systems (WPRS) invites students and young professionals to its Second International School on Simulation of Nuclear Reactor Systems (SINUS). More information can be found in the website [Link](#)

17th International Symposium on Origin of Matter and Evolution of Galaxies (OMEG2024)

The symposium is scheduled to take place in Chengdu, China from September 8 to 14, 2024. Since 1988, this symposium has been held almost every other year and serves as a platform for discussions on nuclear astrophysics and related fields. More information will be announced shortly.

HadNuc@UB seminar - Hristijan Kochankovski (ICC-UB)

The next seminar of the University of Barcelona's Hadron, Nuclear and Atomic Physics will take place at 12 pm on Wednesday and will be given by Hristijan Kochankovski (ICCUB) on *Hyperons in neutron star binary mergers*. Zoom link: [Link](#). Passcode: FermiBose

Invitation to ALBA II Symposium - 18-19 January 2024

ALBA II Symposium will be celebrated in Madrid, at the Universidad Autónoma de Madrid.

You and your colleagues are welcome to participate in the event, which is aimed at giving ownership to the user community, promoting awareness of the new potentials and creating a welcoming atmosphere for contributing to the important process of readying the facility for the future research challenges.

More information: [Link](#)

Nuclear Physics in Astrophysics XI-Conference (NPA-XI)

Helmholtz-Zentrum Dresden-Rossendorf (HZDR) together with TU-Dresden will host the Nuclear Physics in Astrophysics XI (NPA-XI) conference this September. The NPA-XI conference brings together scientists working in nuclear astrophysics, including laboratory experiments, theoretical nuclear physics, astronomy, and astrophysics. NPA-XI will take place from 15 - 20 September 2024 at TU Dresden, Germany. The conference will be preceded by a scientific school, the NPA-XI school, in the week of 8 - 13 September. More information: [Link](#)

Nuclear Structure 2024 (NS2024) conference

Argonne National Laboratory will host this conference, which is the 19th meeting in the biennial Nuclear Structure series. The scientific program will be devoted to recent experimental and theoretical research on atomic nuclear structure at the limits of mass, isospin, excitation, and angular momentum from around the world. We will also use this occasion to celebrate the 75th anniversary of the shell model. More information: [Link](#)

Multinucleon Transfer (MNT) Reactions 2024 workshop

We are pleased to announce the MNT2024 workshop will be held on 2-5 July 2024 at RIKEN, Wako, Japan. The workshop will focus on multinucleon transfer (MNT) reactions to explore the heavy exotic neutron-rich nuclei, and related topics. The MNT reactions recently attract a strong interest worldwide as a production method to access the scarcely studied, or even totally unknown, neutron-rich nuclides, especially in the region so-called 'blank spot' from around $N = 126$ to actinoid, which is important for r-process nucleosynthesis studies. Intensive theoretical and experimental research is being carried out, and experimental facilities specializing in MNT reactions are in operation or planned around the world. It is very timely to hold a workshop that brings together related researchers from all over the world to review, share and disseminate the experimental, methodological and theoretical progress in this emerging important field. Further details can be found here: [Link](#)

Otras noticias

Convocatoria 2024 Academia Joven de España

Se abre la convocatoria para la provisión de 7 plazas para la Academia Joven de España. Más información: [Link](#)