

XIII CPAN DAYS

Monday 21 March 2022

Red FNUC (Red Temática de Física Nuclear): Sesión conjunta con Investigación orientada (15:00-17:00)

time	[id] title	presenter
15:00	[540] Primeros experimentos en una fuente de neutrones impulsada por láser para la medida de reacciones nucleares	MILLÁN CALLADO, María de los Ángeles
15:15	[506] Relative biological effectiveness in the spatial fractionation of hadron therapy beams.	PUERTA MEGÍAS, Daniel
15:30	[521] Monte Carlo simulations for proton beams supported by a Fano test	DE LA TORRE GONZÁLEZ, Juan Alejandro
15:45	[528] Reaction Cross Sections of the Short- and Long-lived β^+ Emitters of Interest in PET Range Verification in Particle Therapy	GUERRERO, Carlos
16:00	[545] Study of dead time and pileup corrections for measurements secondary neutrons in proton therapy with moderated He3-filled detectors and digital acquisition systems	PALLÀS SOLÍS, Max
16:15	[533] In-vivo and inbeam monitoring of PET activation in proton therapy: tests in a chicken embryo model with ^{18}O -enriched water	ESPINOSA RODRÍGUEZ, Andrea
16:30	[548] Methodology for improving the local neutron dose equivalent determination in mixed radiation fields of protons and neutrons using PADC based dosimeters.	CABALLERO PACHECO, Miguel Ángel
16:45	[523] Dependence of microdosimetric mean values on the cell nucleus size and eccentricity for radiopharmaceutical alpha emitters	SUAREZ-GARCIA, Daniel

Red FNUC (Red Temática de Física Nuclear) (17:30-19:30)

time	[id] title	presenter
17:30	[543] HENSA/ANAIS: measuring the neutron flux at the Canfranc Underground Laboratory for dark matter purposes	MONT I GELI, Nil
17:45	[504] Consistency tests of the β^+ decay of ^8B with the R-Matrix formalism	FERNANDEZ RUIZ, Daniel
18:00	[503] Cross section studies of alpha clustering light nuclei	GARCÍA TÁVORA, Vicente
18:15	[546] Spectrometry of cosmic-rays neutrons with HENSA: project status and future developments	QUERO BALLESTEROS, Álvaro Jesús
18:35	[610] News from NuPECC	GOMEZ CAMACHO, Joaquin
18:45	[611] Reunión red FNUC	FRAILE, Luis Mario

Tuesday 22 March 2022

Red FNUC (Red Temática de Física Nuclear) (09:00-11:30)

time	[id] title	presenter
09:00	[537] Estado y perspectivas de la fuente de neutrones HiSPANoS del CNA	Dr. FERNÁNDEZ, Begoña
09:15	[500] Quantum Simulation and Quantum Phase Transitions of an extended Agassi model.	SÁIZ CASTILLO, Álvaro
09:30	[539] Measurement of thick target total neutron yields for the $^{27}\text{Al}(\alpha, n)^{30}\text{P}$ reaction at CMAM using the miniBELEN neutron counter	MONT I GELI, Nil
09:45	[471] SHAPE COEXISTENCE IN STRONTIUM ISOTOPES	MAYA BARBECHO, Esperanza
10:00	[542] Penning-Trap Mass Spectrometry in Granada: Novel Techniques	BERROCAL SÁNCHEZ, Joaquín
10:15	[524] Study of deformed two-body weakly bound nuclei in the strong-coupling and application to reactions	PUNTA DE LA HERRÁN, Pedro
10:30	[531] Study of the $^{11}\text{Li}+^{64}\text{Zn}$ reaction at energy around the Coulomb barrier	FERNANDEZ-GARCIA, Juan Pablo
10:45	[544] Study of beta decay properties for Pr to Nd nuclei ($A\sim 160$) relevant for the formation of the r-process rare-earth peak	PALLÀS SOLÍS, Max
11:00	[608] Effects of excited state quantum phase transitions over the out-of-time-order correlators in systems with a $U(n)$ dynamical algebra	KHALOUF-RIVERA, Jamil
11:15	[586] Los patrones de las reacciones nucleares	DURAN, IGNACIO