



# LASNPA & WONP-NURT 2017

## Tuesday, 24 October 2017

### Poster Session - NUC - Room "Bens Arrate" (15:00 - 16:15)

-Conveners: Leandro Gasques; Alinka Lepine-Szily

[id] title	presenter	board
[282] Electron and gamma radiation damage assessments on composite YBCO - Nano/C samples	VALDÉS ALBUENRES, Jorge Luis CRUZ INCLÁN, Carlos M.	
[281] Effects of vacancies on atom displacement threshold energies calculation through Molecular Dynamic Methods in BaTiO <sub>3</sub>	CRUZ INCLÁN, C. M.	
[279] Fission modes $^{248}\text{Cf}$ , $^{254}\text{Fm}$ and $^{260}\text{No}$ in the reactions $^{22}\text{Ne} + ^{232}\text{Th}$ , $^{238}\text{U}$ ; $^{16}\text{O} + ^{238}\text{U}$ , $^{232}\text{Th}$	GIKAL, K. B.	
[256] Upgrading algorithm of the Monte Carlo Simulation of Atom Displacements (MCSAD) induced in solids under high fluency electron and gamma irradiation environments	RODRIGUEZ RODRIGUEZ, Arturo	
[38] Study of light-particle multiplicities in p + non-fissionable nuclei events in the 0.5 - 2 GeV energy range	Mrs CONSUEGRA RODRÍGUEZ, Dania	
[57] Thermo-hydraulic study using CFD from the core of a Pebble Bed Reactor (HTR-10)	CÓRDOVA CHÁVEZ, Yaisel	
[206] Cross sections measurements for the $^{13}\text{C}(n, \gamma)^{14}\text{C}$ and $^{14}\text{N}(n, p)^{14}\text{C}$ nuclear reactions using the accelerator mass spectrometry technique	GARCIA RAMIREZ, Jorge	
[149] Gamow-Teller $\beta^+$ decay properties of A=98 isobars near $^{100}\text{Sn}$ doubly magic core	LAOJET, Nadjet	
[164] $\beta^+$ decay properties of A=100 isotopes	BENRACHI, Fatima	
[255] Calculation of induced gamma atom displacement in solids considering nonhomogeneous threshold displacement energies	RODRIGUEZ RODRIGUEZ, Arturo	
[207] Towards the measurement of the cross section of the $^{13}\text{C}(d, p)^{14}\text{C}$ nuclear reaction using AMS	MURILLO-MORALES, Silvia	
[191] Stopping power cross section of Hf and Pd for protons and alpha particles in the energy range between 0.3 and 2.5 MeV	Dr WACHTER, Javier	
[113] A surface Coalescence model	Ms BELL HECHAVARRIA , Ailec	
[90] Contribution of nuclear reactions in the production of heavy elements: Analysis in a supernovae environment	Mr TRUJILLO, Jose	
[56] A hybrid linear-discontinuous spectro-nodal method for one-group unidimensional fixed source discrete ordinates problems with isotropic source	IRAM B., Rivas-Ortiz	
[48] Study of the $^8\text{Li}$ elastic scattering at low energies	Mr SANTOS, O. C. B.	