



# LASNPA & WONP-NURT 2017

## Wednesday 25 October 2017

### Poster Session - NINST - Room "Bens Arrate" (13:30 - 14:45)

-Conveners: Guido Martin; Fabiana Gramegna

[id] title	presenter	board
[130] Monte Carlo simulation of radiation transport in the study of hybrid Timepix detectors based on GaAs:Cr	LEYVA FABELO, Antonio	
[213] Neutronic anisotropy around a radiotherapy treatment field by passive detectors	Dr MARTINEZ OVALLE, Segundo Agustin	
[203] Calculation of kinetic parameters of the RECH-1 research nuclear reactor using MCNP and Serpent 2	ROMERO BARRIENTOS, Jaime Alfonso	
[185] Thermomechanical behavior of the TRISO fuel under deep burnup and high temperature in the VHTR	Dr MILIAN LORENZO, Daniel Evelio	
[20] Gamma alarm for radiological security	TOLEDO ACOSTA, René	
[77] Characterization of a Multichannel Analyzer Implemented with FPGA Board.	ROSA FEBLES, Vladimir	
[134] Spectral CT with a Timepix detector and a GaAs:Cr sensor: material decomposition	Mr KOZHEVNIKOV, Danila	
[132] Energy calibration of hybrid GaAs:Cr-based Timepix detector with alpha particles	Mr RAMOS LÓPEZ, Dayron	
[87] Design of a preamplifier card for the photomultiplier tubes of a Gamma Camera	DOMÍNGUEZ MARTÍNEZ, Jorge Luis	
[50] Thermal-hydraulic study using CFD codes of new nuclear fuel alternatives (UN and UC) for the HPLWR	CASTRO, Landy	
[32] Analysis of the radiation effects on some properties of GaAs:Cr and Si sensors exposed to a 22 MeV electron beam	Ms TORRES RAMOS, Arianna Grisel	
[175] Computational modeling of aqueous homogeneous reactor for medical isotopes production	Dr MILIAN LORENZO, Daniel E.	
[135] Study of the charge sharing effect and the energy resolution in a hybrid based on GaAs:Cr Timepix detector	CABRERA GONZALEZ, Lisan David	
[133] Properties of GaAs:Cr-based pixel detectors	Mr SMOLYANSKIY, Petr	
[120] MCP-PMT timing at low light intensities whit a DRS4 Evaluation Board	Mrs CONSUEGRA RODRÍGUEZ, Dania	