

Session Program

23-27 Oct 2017



LASNPA & WONP-NURT 2017

Poster Session - NINST

Havana, Cuba

Colegio Universitario San Gerónimo de La Habana Obispo street, 10200 Old Havana, Havana, Cuba.

Wednesday 25 October

13:30

Poster Session - NINST

Poster Session | **Location:** Room "Bens Arrate" | **Conveners:** Fabiana Gramegna, Guido Martin

Monte Carlo simulation of radiation transport in the study of hybrid Timepix detectors based on GaAs:Cr

Speaker

Antonio Leyva Fabelo

Neutronic anisotropy around a radiotherapy treatment field by passive detectors

Speaker

Dr Segundo Agustin Martinez Ovalle

Calculation of kinetic parameters of the RECH-1 research nuclear reactor using MCNP and Serpent 2

Speaker

Jaime Alfonso Romero Barrientos

Thermomechanical behavior of the TRISO fuel under deep burnup and high temperature in the VHTR

Speaker

Dr Daniel Evelio Milian Lorenzo

Gamma alarm for radiological security

Speaker

René Toledo Acosta

Computational modeling of aqueous homogeneous reactor for medical isotopes production

Speaker

Dr Daniel E. Milian Lorenzo

Study of the charge sharing effect and the energy resolution in a hybrid based on GaAs:Cr Timepix detector

Speaker

Lisan David Cabrera Gonzalez

Spectral CT with a Timepix detector and a GaAs:Cr sensor: material decomposition

Speaker

Mr Danila Kozhevnikov

Properties of GaAs:Cr-based pixel detectors

Speaker

Mr Petr Smolyanskiy

Energy calibration of hybrid GaAs:Cr-based Timepix detector with alpha particles

Speaker

Mr Dayron Ramos López

MCP-PMT timing at low light intensities whit a DRS4 Evaluation Board

Speaker

Mrs Dania Consuegra Rodríguez

Design of a preamplifier card for the photomultiplier tubes of a Gamma Camera

Speaker

Jorge Luis Domínguez Martínez

Characterization of a Multichannel Analyzer Implemented with FPGA Board.

Speaker

Vladimir Rosa Febles

Thermal-hydraulic study using CFD codes of new nuclear fuel alternatives (UN and UC) for the HPLWR

Speaker

Landy Castro

Analysis of the radiation effects on some properties of GaAs:Cr and Si sensors exposed to a 22 MeV electron beam

Speaker

Ms Arianna Grisel Torres Ramos

14:45