

African Nuclear Physics Conference 2021

Monday 20 September 2021

Poster Session 1: Mixed Topics (15:45-17:45)

time	[id] title	presenter
15:45	[149] Cluster excitation and alpha radioactivity within covariant EDF framework	MERCIER, Florian
15:45	[107] Davydov-Chaban Hamiltonian within the formalism of deformation-dependent effective mass for Kratzer potential	Prof. LAHBAS, Alaaeddine
15:45	[131] A study on the photon interaction parameters of some meteorite samples	Dr EKE, Canel
15:45	[213] Density modified tracer particles for Positron Emission Particle Tracking (PEPT)	Mr VAN HEERDEN, Michael
15:45	[205] A compact neutron spectrometer for neutrons produced by cosmic rays	JARVIE, Erin
15:45	[199] SIMSPEC-G: a new code for simulating the working of HPGe detectors	NAYAK, Satya Samiran
15:45	[176] A new fast neutron facility for materials analysis at UCT	Mr MHLONGO, Sizwe
15:45	[174] Investigation of limit of detection using standard radioactive sources with a LaBr ₃ :Ce: detector	VAN NIEKERK, Ferdie
15:45	[168] Radiation Damage by Low Energy Neutrons with Geant4: A Review of Current Approaches and Results	TEMAUGEE, Samuel Terungwa
15:45	[161] Investigation of reaction channels in the production of alpha particles in light systems collisions	PENTEADO MONTEIRO, Bruno
15:45	[160] Reaction processes at near barrier energies: the case of ⁹ Be+ ¹⁹⁷ Au	KAUSHIK, Malika
15:45	[158] New evidence for alpha clustering structure in the ground state band of ²¹² Po	VON TRESCKOW, Martin
15:45	[155] In-beam spectroscopy of ⁹⁴ Ag	PEREIRA-LOPEZ, Jesus
15:45	[154] Triple RFQ Trap System for Measuring Neutron Capture of Fission Fragments	WILSENACH, Heinrich
15:45	[151] Experimental investigation of nuclei in A ~ 50 - 60 region	Mr BASU, Sansaptak
15:45	[150] Studying the microscopic structure of the low-energy electric dipole response of ¹²⁰ Sn	WEINERT, Michael
15:45	[148] First observation of a rotational band in neutron-deficient ¹⁸⁷ Pb: evidence for triple shape coexistence	ZHANG, Wenqiang
15:45	[146] DICER: A new device for indirect capture experiments on radionuclides	Dr STAMATOPOULOS, Athanasios
15:45	[141] Nuclear matrix elements of neutrinoless double-β decay in the triaxial projected shell model	Dr WANG, Yakun
15:45	[139] Unveiling the excitation modes of ²⁸ Si in interpreting the barrier distribution data	BISWAS, Saumyajit
15:45	[137] Competing excitation modes in A ~ 80 region	Dr CHAKRABORTY, Anagha
15:45	[134] Disappearance of channel coupling effects in ¹² C + ²⁴ Mg fusion far below the barrier	DEL FABBRO, Mirco

15:45	[121] Magnetic giant resonances in the relativistic energy density functional theory	KRUŽIĆ, Goran
15:45	[117] Spectroscopic studies in $^{152-154}\text{Gd}$	PELONIS, S.
15:45	[116] Dipole excitations in ^{162}Er - ^{166}Yb	DEMIRCI SAYGI, Nilufer