

African Nuclear Physics Conference 2021

Thursday 23 September 2021

Poster Session 2: Mixed Topics (15:30-17:30)

time	[id] title	presenter
15:30	[145] Selection rules of electromagnetic transitions for chirality-parity violation in atomic nuclei	Dr WANG, Yuanyuan
15:30	[191] B(E2) value of even-even 124-130Barium transitional nuclei with cubic terms from Casimir invariant operators and IBM-1	REKHA, Rekha Mehta
15:30	[236] Erosion of N = 28 Shell Closure in Light Nuclei	Mr KUMAR, Pankaj
15:30	[231] A ground-based evaluation of the impact of neutron dose rate on health effects during space travel	Dr FISHER, Randall
15:30	[230] Novel Receptor Tyrosine Kinase Pathway Inhibitors for Targeted Radionuclide Therapy of Glioblastoma	BOLCAEN, Julie
15:30	[228] The TUSCC project: What can elephants teach us about cancer prevention and treatment in humans	VANDEVOORDE, Charlot
15:30	[227] Study of the reactions $78\text{Kr}+40\text{Ca}$ and $86\text{Kr}+48\text{Ca}$ at 10 AMeV	Dr GNOFFO, Brunilde
15:30	[223] Multi-channel experimental and theoretical approach to the $^{12}\text{C}(^{18}\text{O},^{18}\text{F})^{12}\text{B}$ single charge exchange reaction at 275 MeV	SPATAFORA, Alessandro
15:30	[221] FRAISE: The New Fragment In-Flight Separator at INFN-LNS	Dr MARTORANA, Nunzia Simona
15:30	[220] DURGA: A novel facility in India to study capture gamma, fission fragment and decay spectroscopy	Dr MUKHOPADHYAY, Somsundar
15:30	[215] The design of a radon chamber for the calibration of radon monitors at the Centre for Applied Radiation Science and Technology, Mafikeng, South Africa.	RADEBE, Moses
15:30	[212] Electron screening effect @ IJS	CVETINOVIĆ, Aleksandra
15:30	[208] Charge changing cross section and proton distribution radii of Be isotopes	TAKAYAMA, Gen
15:30	[207] Resonances in ^{11}C above $^{10}\text{B}+p$ threshold using thick target in inverse kinematics	KAUR, Gurpreet
15:30	[202] One neutron removal cross sections for the ^{16}N isomeric state	FUKUTOME, Miki
15:30	[201] Recent tests on the construction of a new correlator for neutrons and charged particles	PAGANO, Emanuele Vincenzo
15:30	[200] Recent results from INGA and VENUS at VECC	MUKHERJEE, Gopal
15:30	[198] Shapes, Softness and Non-Yrast Collectivity in ^{186}W	MITCHELL, AJ
15:30	[197] Emerging collectivity in neutron-hole transitions near doubly magic ^{208}Pb	Dr GERATHY, Matthew
15:30	[195] Study of electromagnetic properties of even-even medium-mass tellurium isotopes	DEVI, Rani
15:30	[192] Rotational Structure in Nuclei Near ^{66}Fe	RICE, Emma

15:30	[179] The B(E2) transition Probabilities for 122-130Te (Tellurium) Even-Even Isotopes with the help of Cubic terms from Casimir Invariant Operators and IBM-1	RANI, Pinky
15:30	[175] Study of the single-nucleon transfer reactions in the $^{18}\text{O}+^{48}\text{Ti}$ collision at 275 MeV	Dr SGOUROS, Onoufrios
15:30	[173] Shape Coexistence and Octupole Correlations in ^{72}Se	MUKHERJEE, Arunita
15:30	[172] Structural Evolution and Octupole Correlations in Transitional Nuclei	Mr BHATTACHARYA, Sutanu
15:30	[170] Fast timing characteristics of 1.5" x 1.5" CeBr ₃ detector	DAS, Sneha
15:30	[169] Study of $^4\text{He} + ^4\text{He}$ inelastic scattering at the MAGNEX facility	Dr SOUKERAS, Vasileios
15:30	[162] Measurement of ^{17}F breakup on ^4He using the pAT-TPC	FERRARI FORTINO, Guilherme
15:30	[133] The energy levels of ^{21}Ne and the s-process in rapidly rotating metal poor stars	ANGUS, C.