

Advanced Nuclear Science and Technology Techniques (ANSTT2) Workshop

Wednesday 20 March 2019

Nuclear Structure Studies - Auditorium (09:00-11:00)

-Conveners: TAOFIQ IBRAHIM

time	[id] title	presenter
09:00	[33] Plans for the new K600 focal plane detector	NEVELING, Retief
09:30	[11] Overview on the African LaBr Array at iThemba LABS	PELLEGRI, Luna
10:00	[20] Neutron-rich nuclei in the vicinity of 208Pb	Prof. PODOLYAK, Zsolt
10:30	[26] Electric Monopole Transitions (E0) in the study of 70Ge	AVAA, Abraham
10:45	[36] Development of a spectrometry system for measurement of internal-pair studies	CHISAPI, Maluba Vernon J.

Nuclear Structure Studies - Auditorium (11:20-13:05)

-Conveners: Luna Pellegrini

time	[id] title	presenter
11:20	[12] Uncertainties in Measuring the Lifetime of a Nuclear Excited State via γ - γ Coincidences using NaI(Tl) Scintillators	Dr LUGENDO, Innocent
11:50	[24] Wavelet signatures of K-splitting of the Isoscalar Giant Quadrupole Resonance in deformed nuclei from high energy-resolution (p,p') scattering off $^{146,148,150}\text{Nd}$	Dr KUREBA, Chamunorwa Oscar
12:20	[17] Continuing Influence of Shell Effects in the Nuclear Quasi-Continuum	Mr NGWETSHENI, Cebo
12:35	[39] Investigation of the beginnings of star formation and the synthesis of chemical elements in the early Universe	LOMBERG, Blaine
12:50	[40] High-Resolution β - γ Study of the 110Tc – 110Ru – 110Rh – 110Pd Isobaric Decay Chain	JAZRAWI, Shaheen

Nuclear Structure Studies - Auditorium (14:00-15:30)

-Conveners: Zsolt Podolyak

time	[id] title	presenter
14:00	[2] Coulomb-excitation studies @ iThemba LABS	Prof. ORCE, Nico
14:30	[4] Source Head Fluence Modulation in Cobalt-60 Teletherapy: A dosimetric and Monte Carlo study	Dr MDZINISO, Nhlakanipho
15:00	[48] Hybrid potential analysis of alpha cluster structure above doubly-closed shell	IBRAHIM, TAOFIQ