



# African Nuclear Physics Conference 2021

## Tuesday 21 September 2021

### Session 5: Nuclear Structure, Reactions and Dynamics (11:30-13:30)

-Conveners: Nikolai Antonenko

time	[id] title	presenter
11:30	[142] Optical Spectroscopy of the Heaviest Elements	LAATIAOUI, Mustapha
12:00	[165] Ab initio theory and the structure of heavy nuclei	HOLT, Jason
12:20	[239] Statistical properties of the well deformed $^{153,155}\text{Sm}$ nuclei and the scissors resonance	MALATJI, Kgashane
12:40	[224] Coexistence of single-particle and collective structures in $1f_{7/2}$ nuclei	CHAKRABARTI, Ritwika
13:00	[178] Isospin dependence of NN correlations, quenching of spectroscopic factors, and effects on other nuclear structure observables	PETRI, Marina