



# The African Nuclear Physics Conference 2025 (ANPC 2025)

## Tuesday 25 November 2025

### Session 7: Applied Nuclear Physics (15:40-17:35)

-Conveners: Pete Jones

time	[id] title	presenter
15:40	[89] From uNclear to Nuclear: How nuclear science contributes to our society	ELIAS COCOLIOS, Thomas
16:05	[37] Neutron-gamma emission tomography for security and non-proliferation applications	CEDERWALL, Bo
16:20	[80] Building a Hybrid Compton Camera System for Improving Medical Imaging Applications	HART, Shanyyn-Dee
16:35	[52] Teaching Old PETs New Signals	LEADBEATER, Thomas
16:50	[11] ARDE: Neural network-based algorithms for discrimination between electrons and $\gamma$ -rays	ROCCHINI, Marco
17:05	[41] Enhancing the Accuracy of Gamma-Ray Spectrometry Using CNN and KAN Architectures	MALULEKE, Vuako
17:20	[81] Light ions accompanied break-up of the medium heavy fission isomers	KAMANIN, Dmitry