First Pan-African Astro-Particle and Collider Physics Workshop

Wednesday 23 March 2022

Parallel Session VI, Instrumentation (14:00-18:10)

    -Conveners: Betty Kibirige; Mohamed Gouighri

time	[id] title	presenter
14:00	[85] A New Monte-Carlo Code System for Particles Transport	Prof. FOUKA, mourad
14:15	[78] The Fast Simulation Chain in the ATLAS experiment	Mr AITBENCHIKH, Brahim
14:30	[25] Simulation of Monte-Carlo events at the LHC using a Generative model based on Kernel Density Estimation	Mrs TRIPATHI, Nidhi
14:45	[31] Upgrades of the ATLAS muon spectrometer with new small-diameter drift tube chambers	EL MOUSSAOUY, Ali
15:00	[58] The ATLAS Inner Detector trigger design and performance during Run 2 data taking from the 13 TeV LHC collisions	ZERRADI, Soufiane
15:15	[14] Response of gap/crack scintillators of the Tile Calorimeter of the ATLAS detector to isolated muons from $W\rightarrow \mu\nu$ events.	RAPHEEHA, Phuti
15:30	Coffee Break	
16:00	[42] Simulation of CMS resistive plate chamber (RPC) performance under different conditions	Ms ABDELHAMEID, Tahany
16:15	[7] The development of Strontium-90 Tile scanning table for TileCal at the ATLAS experiment	MOKGATITSWANE, Gaogalalwe
16:30	[32] Extraction and analysis of the ATLAS Tile Calorimeter Low Voltage Power Supplies Temperature Data	PHAKATHI, Lungisani
16:40	[35] Extracting and Analysing Data from Detector Control Systems at ATLAS Experiment for Bad Channelling of High Voltage and Low Voltage Power Supplies.	SANELE, Sanele Scelo
16:50	[23] A Burn-in test station for the ATLAS Phase-IITile-calorimeter low-voltage power supply transformer-coupled buck converters	MCKENZIE, Ryan
17:05	[41] Single Event Effects qualification of candidate components for the ATLAS Tile Calorimeter Phase-II Upgrade Low Voltage power supply Bricks	Mr NKADIMENG, Edward
17:20	[63] The geometry description of High Granularity Timing Detector with XML-based format	RIDOUANI, Selaiman
17:35	[79] Detector performance and physics reach of at Muon Collider	AIMÈ, Chiara
17:50	[81] Thermal Performance of Developed Carbon Nanotubes and Nanospheres Based Thermal Interface Materials for Heat Dissipation Applications.	MOUANE, Othmane NKADIMENG, Edward