Session Program

25-30 Sept 2023

The 3rd African Conference on Fundamental and Applied Physics (ACP2023)

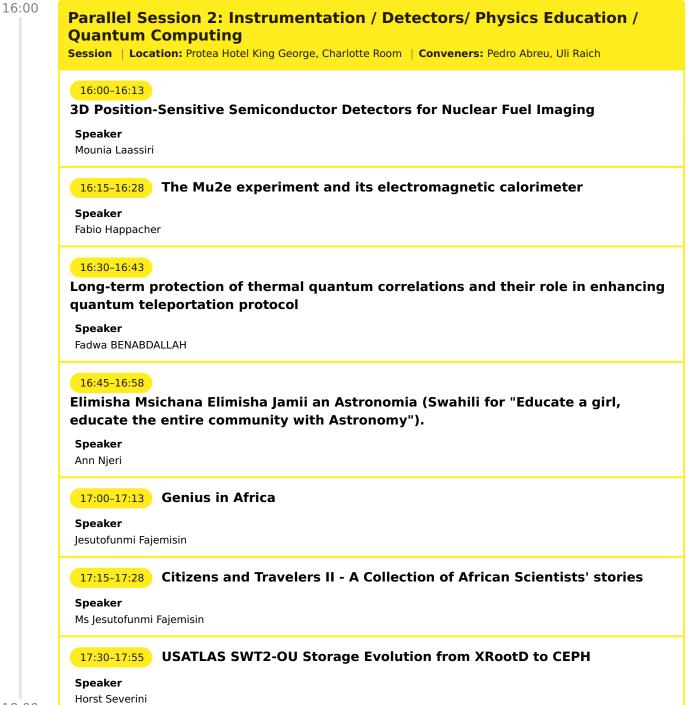
Parallel Session 2

Protea Hotel King George, Regency Room

Monday 25 September

6:00	Parallel Session 2: Accelerator Physics/ Biophysics/ Materials Session Location: Protea Hotel King George, Charlotte Room Conveners: Mmantsae Diale, Simone Di Mitri
	16:00-16:13 X-Ray and Terahertz Source Based on Energy Recovery Linac.
	Speaker Dr Sanae Samsam
	16:15-16:28 Luminosity calibration and beam-beam interactions at hadron colliders with Q- Gaussian beams
	Speaker Mr Mohamed Abed
	16:30-16:43 A novel 3D vertex model predicts the biomechanical factors of cell delamination in stratified epithelial tissues
	Speaker Dr Somiealo AZOTE epse HASSIKPEZI
	16:45-16:58 Electronic Structure Calculations using Quantum Computing
	Speaker Dr Muhammad Al-Zafar Khan
	17:00-17:13 STUDY OF SPECTRA OF HF VI
	Speaker Dr Exaucé BOKAMBA MOTOUMBA
	17:15-17:28 The Dele of Ontired Fiber Concernin Internet of Thinney Applications and
	The Role of Optical Fiber Sensor in Internet of Things: Applications and Challenges: Review
.7:30	Speaker Paul Macheso

Wednesday 27 September



18:00

Thursday 28 September

16:00-16:13	
Search for a	a Higgs boson decaying to a four lepton plus missing transverse
energy fina	l state via four vector bosons
Speaker	
Xola Gugulethu	ı Mapekula
16:15-16:28	Search for the dark vector boson
Speaker	
Diallo Boye	
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