

The First Edition of the African Conference on High Energy Physics

Wednesday, 25 October 2023

Detectors and Future Experimental Facilities: Detectors and Future Experimental Facilities (09:40 - 11:05)

-Conveners: Fairouz Malek

time	[id] title	presenter
09:40	[111] The Cherenkov Telescope Array Observatory	DE SOUZA, Vitor
10:00	[138] DUNE: a next-generation long-baseline neutrino experiment	DI NOTO, Lea
10:20	[160] The electron-ion collider -- A world wide unique collider to unravel the mysteries of visible matter	Prof. ASCHENAUER, Elke-Caroline
10:45	[133] Status of CEPC project and Physics potential	Prof. FANG, Yaquan

Detectors and Future Experimental Facilities (11:35 - 12:10)

-Conveners: Tebogo Shaba

time	[id] title	presenter
11:35	[128] The CLIC detector: From the conceptual design and requirements to the silicon pixel detector R&D activities	OTARID, Younes
11:50	[129] The Compact Linear Collider: physics potential	KLAMKA, Jan
12:00	[122] Paarl Africa Underground Laboratory (PAUL)	Prof. MALEK, Fairouz

Thursday, 26 October 2023

Detectors and Future Experimental Facilities: Detectors and Future Experimental Facilities (09:00 - 10:30)

-Conveners: Nataliya Skrobova

time	[id] title	presenter
09:00	[136] Assembly, test and analysis development of the T2K upgrade	SKROBOVA, Nataliya
09:20	[137] Hyper-Kamiokande, physics potential, Calibration and Detector Systematics	JENKINS, Sam
09:40	[139] The FCCee project: status of the feasibility study based on the Key4HEP software.	EL BITAR, Ziad
10:00	[131] A new Vertex Locator for the next generation LHCb experiment	EJOPU, Enoch
10:10	[147] Monitoring of the High Granularity Timing Detector DAQ components	BIMGDI, yassine
10:20	[135] Simulation of the ATLAS High Granularity Timing Detector geometry in the ATLAS framework	RIANI, Hanane