



# The First Edition of the African Conference on High Energy Physics

## Monday, 23 October 2023

### Electroweak and Higgs Physics: Electroweak and Higgs Physics (11:40 - 13:06)

-Conveners: Driss Benchekroun; Lydia Roos

time	[id] title	presenter
11:40	[57] Highlights of recent Standard Model measurements with the ATLAS experiment	LEWIS, Daniel
12:11	[156] Standard Model Measurements in CMS	BELLAN, Riccardo
12:36	[61] New results on $t\bar{t}W$ and 4-top production with the ATLAS experiment	GRANT, Charles M.
12:51	[30] Development of a complete set of Powheg+Pythia8 MiNLO trijet samples with ATLAS detector at the LHC	EL FARKH, Saad

# Friday, 27 October 2023

## Electroweak and Higgs Physics: Electroweak and Higgs Physics (11:00 - 12:30)

-Conveners: Lydia Roos

time	[id] title	presenter
11:00	[152] Highlights from CMS and the preparations for the High-Luminosity LHC	BLACK, Kevin
11:25	[170] Searching for $H \rightarrow hh \rightarrow b b \tau \tau$ in the 2HDM Type-I at the LHC.	Dr SOUAD, Semlali
11:40	[58] Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS	CADAMURO, Luca
12:05	[73] Reconstructing long-lived particles with the ILD detector	KLAMKA, Jan