



# First Pan-African Astro-Particle and Collider Physics Workshop

## Monday 21 March 2022

### Parallel Session II: Theory (14:30-18:25)

-Conveners: Abdesslam Arhrib; Abdelilah Moussa

time	[id] title	presenter
14:30	[74] Big Science for National and Regional Unity	HASHIM, Nadir
14:55	[2] Overview on laser-assisted decay processes	JAKHA, Mohamed
15:10	[1] Laser-assisted processes beyond the standard model	Mr OUHAMMOU, Mohamed
15:25	[22] Influence of the laser field on electron muon neutrino processus	Mrs EL ASRI , sabrine
15:40	[46] On 6D N=(1,0) Supergravity	SAMMANI, Rajae
15:55	[28] Asymptotic Grand Unification	Dr KHOJALI , Mohammed Omer
16:10	Coffee Break	
16:40	[68] Tensor Network Theory	EL MAADI, Youssef
16:55	[30] Flavor changing neutral current in the flipped 341 model	DJOUALA, Meriem
17:10	[21] Modular Flavour Symmetries in magnetized toroidal orbifolds	AMEGROUD, Mohamad
17:25	[40] Scattering amplitude and its soft decomposition	Dr RASOANAIVO, Andriainaina Narindra
17:40	[71] $T_{QQ}$ -like states from QCD Laplace sum rules and Double ratio of sum rules	RABETIARIVONY, Davidson
17:55	[70] On the quantum geometry of gravity	Mr RAZAFIMAHATRATRA, Fanomezantsoa
18:10	[83] NLO Scattering in $\phi^4$ Theory Finite System Size Correction	Mr DU PLESSIS, Jean