

First Biennial African Conference on Fundamental Physics and Applications

Thursday 28 June 2018

Nuclear and Particle physics - Auditorium 1, Brahms Street (09:40 - 10:40)

-Conveners: Tord Johan Carl Ekelof; Dave Charlton; Ulrich Goerlach

time	[id] title	presenter
09:40	[37] Standard Model and Higgs physics	CHARLTON, Dave
10:05	[38] Searches for Physics beyond the Standard Model at the LHC	SONNEVELD, Jory

Nuclear and Particle physics - Auditorium 1, Brahms Street (11:30 - 13:00)

-Conveners: Ulrich Goerlach; Tord Johan Carl Ekelof; Dave Charlton

time	[id] title	presenter
11:30	[40] Physics with radioactive ion beams	CEDERKALL, Joakim
11:55	[41] Neutrino Physics	EKELOF, Tord Johan Carl
12:20	[42] Studying hadrons with electron beams	DALTON, Mark

Friday 29 June 2018

Nuclear and Particle physics - Auditorium 1, Brahms Street (15:00 - 15:30)

-Conveners: Tord Johan Carl Ekelof; Ulrich Goerlach; Dave Charlton

time	[id]	title	presenter
15:00	[39]	Overview of results from heavy-ions collisions at ultra-relativistic energies	BUTHELEZI, Edith Zinhle

Monday 2 July 2018

Nuclear and Particle physics - Auditorium 1, Brahms Street (14:05 - 15:35)

-Conveners: Tord Johan Carl Ekelof; Ulrich Goerlach; Dave Charlton

time	[id] title	presenter
14:05	[106] The ABC of Feynman Integrals	HENN, Johannes
14:30	[100] Revisiting the Dark Photon Interpretation of the Muon g-2 anomaly	MOHLABENG, Gopolang
14:55	[102] Argon Emulation in The Simulation of The ATLAS Transition Radiation Tracker	HAMDAOUI, Hassane
15:15	[103] Dark Matter searches with the ATLAS Detector	RIFKI, Othmane

Nuclear and Particle physics - Auditorium 1, Brahms Street (16:05 - 17:25)

-Conveners: Tord Johan Carl Ekelof; Ulrich Goerlach; Dave Charlton

time	[id] title	presenter
16:05	[104] Searches for Dark Sector States with ATLAS	BOYE, Diallo ASSAMAGAN, Ketevi Adikle
16:25	[135] Phase-2 Upgrade of the CMS Tracker	BERTSCHE, David
16:45	[105] The ATLAS experiment and the high luminosity LHC program. Detector upgrade and Physics expectations	MAZINI, Rachid
17:05	[115] Preliminary results coupling SMF and BLOB with Geant4	MANCINI TERRACCIANO, Carlo

Tuesday 3 July 2018

Nuclear and Particle physics - Auditorium 1, Brahms Street (11:55 - 12:25)

-Conveners: Tord Johan Carl Ekelof; Dave Charlton; Ulrich Goerlach

time	[id]	title	presenter
11:55	[141]	Precision Physics at High Energy	WHITE, Herman