

IoP Joint HEPP and APP Annual Conference 2019

Monday 8 April 2019

Parallel stream 3: Session 1 - Huxley 308 (14:00 - 16:30)

-Conveners: Mark Scott

time	[id] title	presenter
14:00	[36] Top-Antitop Charge Asymmetry with Fully Bayesian Unfolding	VALLANCE, Robert Adam
14:15	[37] Single dissociative diffraction at $\sqrt{s}=13$ TeV with the ATLAS detector	Mr KENDRICK, James
14:30	[38] Top quark charge asymmetry at LHCb	MEAD, James
14:45	[39] CP violation measurements in B decays with final state neutral kaons: how precise can we get?	BJORN, Mikkel
15:00	[40] A scintillator-based range telescope for quality assurance in proton therapy	KELLETER, Laurent
15:15	[41] Neutrinoless Double Beta Decay in the SNO+ Experiment	KROUPOVA, Tereza
15:30	[42] First physics results from the SNO+ experiment	Dr NIRKKO, Martti

Tuesday 9 April 2019

Parallel stream 3: Session 2 - Huxley 308 (11:00 - 13:00)

-Conveners: Justin Evans; Patrick James Dunne; Patrick James Dunne; Abbey Waldron; Justin Evans; Patrick James Dunne; Justin Evans

time	[id] title	presenter
11:00	[64] Photon yield and MCP-PMTs in a prototype TORCH detector.	GABRIEL, Emmy Pauline Maria
11:15	[63] Beam test studies of a prototype TORCH detector	HANCOCK, Thomas Henry
11:30	[65] Search for chargino and neutralino production in final state with three leptons and missing transverse momentum, via WH intermediate decays	TROVATO, Fabrizio
11:45	[43] A search for light Higgs bosons in supersymmetric decay cascades at CMS.	TAYLOR, Joseph
12:00	[66] Searches for NMSSM Signatures with low Missing Transverse Energy at the CMS detector at the LHC	TITTERTON, Alexander
12:15	[68] Approaching the neutrino mass problem with a beam dump experiment.	BOSCHI, Tommaso

Wednesday 10 April 2019

Parallel stream 3: Session 3 - Huxley 308 (11:00 - 13:00)

-Conveners: Chamkaur Ghag; Abbey Waldron; Samuel Webb

time	[id] title	presenter
11:00	[87] Measurement of the CP violation parameter $A\Gamma$ at LHCb with $D^0 \rightarrow \pi^-\pi^+\pi^-\pi^+$ decays.	DOUGLAS, Lauren Marie
11:15	[88] Search for CP violation in $L_b \rightarrow p3\pi$ decays	SARPIS, Gediminas
11:30	[89] Hunt for Hidden Photons in the LZ Experiment	NILIMA, Athoy
11:45	[90] Neutrinoless Double Beta Decay in LZ	TAYLOR, Rob
12:00	[91] Measuring the mass of the Higgs Boson at the ATLAS detector in the $H \rightarrow ZZ^* \rightarrow 4l$ channel using an analytic model	POWELL, Thomas
12:15	[92] Search for Decays of the Higgs Boson into a Z Boson and a Light Hadronically Decaying Resonance	REYNOLDS, Elliot