

IoP APP / HEPP Conference 2018

Monday 26 March 2018

Parallel I: TBC - Mott Theatre (11:30 - 13:00)

time	[id] title	presenter
11:30	[24] Search for additional heavy neutral Higgs and gauge bosons decaying to di-tau in the ATLAS detector produced with 13 TeV proton-proton collisions at the LHC	ZORBAS, Theodore
11:45	[25] Search for exclusive Higgs and Z boson decays to $\phi\gamma$ and $\rho\gamma$ with the ATLAS detector	OWEN, Rhys Edward
12:00	[26] Search for boosted $t\bar{t}H(H \rightarrow b\bar{b})$ with the ATLAS detector	WINKELS, Emma
12:15	[27] Searching for decays of the Higgs boson to charm quarks at ATLAS	REYNOLDS, Elliot
12:30	[28] Searches for additional neutral Higgs bosons in the di-tau final state with the CMS experiment	WINTERBOTTOM, Daniel

Parallel I: TBC - Mott Theatre (14:00 - 15:45)

time	[id] title	presenter
14:00	[29] Measurement of Z+bb kinematic variables with ATLAS	GRAY, Chloe
14:15	[30] Searching for invisible phenomena through measurement of events with jets and large missing transverse momentum in pp collisions at ATLAS	PICKLES, Rebecca Hayley
14:30	[31] Measurements of boosted top-quark differential cross-sections in the lepton+jets channel at $s=\sqrt{13}$ TeV using pp collision data recorded with the ATLAS detector	FENTON, Michael James
14:45	[32] Higgsinos and compressed sleptons: opening the soft lepton frontier for new physics at the LHC	LIU, Jesse
15:00	[33] Dark Matter Searches at CMS	BREEZE, Shane Davy
15:15	[34] Search for single top production in association with a Z boson for the dilepton final state in pp collisions at $\sqrt{s} = 13$ TeV in the CMS detector	HOAD, Corin James Keir

Tuesday 27 March 2018

Parallel I: TBC - Mott Theatre (11:30 - 13:00)

time	[id] title	presenter
11:30	[35] Tagging boosted jets from top quarks and heavy vector bosons using jet substructure and multivariate techniques	VAIDYA, Amal
11:45	[36] Searches for Resonant and Non-Resonant Higgs Pair Production in the $b\bar{b}\tau\tau$ Decay Channel with the ATLAS Detector	GRAHAM, Emily Charlotte
12:00	[37] Searches for heavy ZZ and ZW resonances in the $llqq$ and $vvqq$ final states at 13 TeV in the ATLAS detector	LACK, David Philip John
12:15	[38] Measurements of Higgs boson cross sections and couplings in the diphoton decay channel with the CMS experiment	SCOTT, Edward
12:30	[39] Higgs-to-Invisible Searches for the CMS experiment at the LHC	Mr DI MARIA, Riccardo

Wednesday 28 March 2018

Parallel I - Mott Theatre (11:00 - 12:00)

time	[id] title	presenter
11:00	[40] Search for low mass dijet resonances in association with ISR in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	SOGAARD, Andreas
11:15	[41] ATLAS Measurement of the Dynamics of Single Proton Dissociation at the LHC	FOSTER, Andrew Geoffrey
11:30	[42] The Quest for New Physics, motivated with strong-supersymmetric models, in final states with many hadronic jets in 13 TeV pp collisions at the ATLAS detector	NELSON, Michael Edward