

IoP HEPP and AP joint meeting

Tuesday 22 March 2016

Parallel session 2: Session 2A - Chichester Lecture Theatre (13:45 - 15:15)

time	[id] title	presenter
13:45	[20] Search for SM Higgs Boson decaying to two photons in run II LHC collision at CMS	CORPE, Louie Dartmoor
14:00	[21] Search for Standard Model Higgs bosons produced in association with a t quark pair and decaying to two b quarks in pp collisions at 13 TeV in ATLAS	BREADEN MADDEN, William Dmitri
14:15	[22] Search for the Higgs Boson decaying to two b-quarks, produced in association with leptonically decaying top quarks in Run 2 at ATLAS	SOWDEN, Benjamin
14:30	[23] Search for SM Higgs bosons produced in association with a t quark pair and decaying to two b quarks in pp collisions at 13 TeV in ATLAS, in the boosted regime	CRAWLEY, Samuel Joseph
14:45	[24] Boosting Higgs pair production in the $bb\bar{b}b\bar{b}$ final state with multivariate techniques	ISSEVER, Cigdem
15:00	[25] Search for rare exclusive Higgs boson decays to vector mesons and photons with ATLAS	BROUGHTON, James

Parallel session 2: Session 2B - Pevensey 1, Level 1 A06 (1A06) (13:45 - 15:15)

time	[id] title	presenter
13:45	[26] Measurement of the W and Z boson production cross sections at $\sqrt{s} = 13$ TeV with the ATLAS detector	OWEN, Rhys Edward
14:00	[27] Measurement of the ZZ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	RICHTER, Stefan
14:15	[28] Measurement of the ZZ production cross section in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ROSTEN, Jonatan
14:30	[29] Measurement of the triple differential cross section of Drell-Yan production at 8 TeV with the ATLAS detector	ARMITAGE, Lewis James
14:45	[30] Measurements of the top quark pair production rate in pp collisions at 13 TeV with the ATLAS detector	WILK, Fabian
15:00	[91] Bs to mumu result from ATLAS	BONA, Marcella

Parallel session 2: Session 2C - Pevensey 1, Level 1 A07 (1A07) (13:45 - 15:15)

time	[id] title	presenter
13:45	[31] First neutrino oscillation results from NOVA	VINTON, Luke
14:00	[32] Status of sterile neutrino global fits to neutrino oscillation data. Davio Cianci, Manchester	
14:15	[33] Charged-current neutral pion events in the ND280 for T2K. David Shaw, Lancaster	SHAW, Dave

14:30	[34] Low energy physics at Hyper-Kamiokande	DEALTRY, Thomas
14:45	[35] Atmospheric-neutrino flux-integrated differential cross-section measurement in IceCube	MANDALIA, Shivesh
15:00	[36] Precision neutrino oscillation physics at the South Pole. Steven Wren, University of Manchester, UK	

Parallel session 2: Session 2D - Pevensey 1, Level 2 D10 (2D10) (13:45 - 15:15)

time	[id] title	presenter
13:45	[37] Direct Dark Matter searches with the LUX and LZ experiments. Sally Shaw, University College London, UK	
14:00	[38] Status of the LUX-ZEPLIN experiment	BELTRAME, Paolo
14:15	[39] Multiple interaction event rejection in the LZ dark matter detector. Thomas Davison, University of Edinburgh, UK	
14:30	[40] DEAP-3600 dark matter detector	Dr FATEMIGHOMI, Nasim
14:45	[41] Position reconstruction in DEAP-3600	SEEBURN, Navin

Parallel session 2: Session 2E - Pevensey 1, Level 2 D11 (2D11) (13:45 - 15:15)

time	[id] title	presenter
13:45	[42] The ATLAS muon trigger in Run-2	SHAW, Savanna Marie
14:00	[43] Generalisation in machine learning for HEP	STEVENSON, Thomas James
14:15	[44] Gaseous photomultiplier development for position-sensitive VUV light detection in liquid argon	THIESSE, Matthew
14:30	[45] Development of a ^3He -based absolute calibration magnetometer for the muon g-2 experiment	HENRY, Sam