

NorCal HEP-EXchange 2018

Saturday, 1 December 2018

Works in Progress: Detector R&D - Building 50 Auditorium (09:10 - 09:55)

time	[id] title	presenter
09:10	[37] LArPix R&D: Demonstration of large-area 3D charge readout for LArTPCs	MADIGAN, Peter
09:25	[51] ATLAS HGTD Upgrade	Mr ZHAO, Yuzhan
09:40	[56] 4-Dimensional Particle Tracking with Ultra-fast Silicon Detectors	GEE, Carolyn

Works in Progress: Experiment R&D - Building 50 Auditorium (10:45 - 11:45)

time	[id] title	presenter
10:45	[55] Applying Deep Learning Techniques for LArTPC Data Reconstruction	DOMINE, Laura
11:00	[47] Scintillation Response Linearity of Nuclear Recoils in High Pressure Helium Gas	BIEKERT, Andreas
11:15	[38] The Light Dark Matter eXperiment	MORENO, Omar
11:30	[49] Measurement of superradiance in liquid xenon with DireXeno	Dr ITAY, Ran

Works in Progress: SM and Higgs Measurements - Building 50 Auditorium (13:15 - 14:15)

time	[id] title	presenter
13:15	[39] Study of the rare decays of B_s^0 and B^0 into muon pairs from data collected during 2015 and 2016 with the ATLAS detector.	GRUMMER, Aidan
13:30	[43] Illuminating the Hbb Discovery at ATLAS with the VBF + photon channel	PASNER, Jacob
13:45	[40] The Accelerator Neutrino Neutron Interaction Experiment (ANNIE): measuring the neutron multiplicity from neutrino-nucleus interactions	PERSHING, Teal
14:00	[34] Measurement of Neutrino Cross Section with IceCube using Earth Absorption	ROBERTSON, Sally

Works in Progress: BSM Searches - Building 50 Auditorium (15:20 - 16:20)

time	[id] title	presenter
15:20	[54] Search for vector-like top quark partners decaying to an all-jets final state using pp collisions at $\sqrt{s} = 13$ TeV	BAND, Reyer Edmond
15:35	[50] Improvement of Jet Substructure Techniques by Studying $HH \rightarrow WWWW \rightarrow$ Hadrons with the CMS Experiment	REGNERY, Brendan
15:50	[36] Jet reclustering in Mono-S(WW) signature analysis	LI, Congqiao
16:05	[33] Statistical analysis in $t\bar{t}$ resonance search with ATLAS	OU, Tong