

US LUA annual meeting

Tuesday, 17 December 2024

Lightning Round Talks: 8 Talks - 51/1-102 - Kavli Auditorium (14:00 - 15:35)

time	[id] title	presenter
14:00	[34] A foundational model for particle physics discovery	WILDRIDGE, AJ
14:10	[35] Anomaly Detection and Stability Measurements with the CMS Pixel Luminosity Telescope	REAM, Katie
14:20	[36] Automating ATLAS control room anomaly detection with deep learning	HANNA, Avery
14:30	[37] eFPGA-based ML Implementation on Future Collider Detector Readout	JIA, Kenny
14:40	[38] Search for millicharged particles with the MilliQan experiment using Run 3 data	SANTPUR, Sai Neha
14:50	[39] Search for production at CMS Run 2 with each Higgs boson decaying to a b-quark pair	WEI, Wei
15:00	[40] A journey through module quality control of the ATLAS Inner Tracker pixel upgrade	THOMPSON, Emily
15:10	[41] Real-time analysis in HLT1 at LHCb in Run 3	RICHARDSON, Kate

Wednesday, 18 December 2024

Lightning Round Talks: 6 Talks - 51/1-102 - Kavli Auditorium (11:30 - 12:30)

time	[id] title	presenter
11:30	[43] The BEST Searches for Vector-Like Quarks at CMS	ABBOTT, Samantha
11:40	[44] Harnessing Anomaly Detection Tools as Novel Analysis Resources for High Energy Physics	GARG, ROCKY
11:50	[45] Transformer networks for constituent-based b-jet calibration with the ATLAS detector	BULLARD, Brendon
12:00	[46] Performance and production of the COLUTA ADC ASIC for the ATLAS HL-LHC Liquid Argon Calorimeter	LARSON, Lauren
12:10	[47] GPU-Accelerated Particle Tracking as-a-Service	COCHRAN-BRANSON, Miles
12:20	[48] Glue, Cracking, and Interposers: The ATLAS Inner Tracker Upgrade	PETERSEN, Aaron

Lightning Round Talks: 7 Talks - 51/1-102 - Kavli Auditorium (13:40 - 14:50)

time	[id] title	presenter
13:40	[52] Standalone Barrel Electron/Photon Reconstruction Performance in the CMS Level-1 Phase-2 Calorimeter Trigger	QUINN, Ashling
13:50	[53] Integration Testing of the Global Common Modules for the ATLAS Global Trigger	MATHEW, Timothy
14:00	[54] Using Unsupervised Machine Learning to Rediscover Standard Model Physics at CMS	KAUFFMAN, Elliott
14:10	[55] Heavy-Flavour Jet Tagging Using Graph Neural Networks at LHCb	PESTICCI, Gabriella
14:20	[57] Primary Vertex identification using deep learning in the ATLAS Experiment	LEI, Qi Bin
14:30	[49] Waveform Sampling for Future Detector Timing Layers	DOWLING, Andrew