

2016 Annual US LHC Users Association Meeting

Thursday, 3 November 2016

Young Physicists' Lightning Round: Session 1 [5] - 40/R-C10 (14:00 - 14:50)

-Conveners: Jessica Metcalfe

time	[id] title	presenter
14:00	[36] QCD/jets/jet substructure at the LHC	MOULT, Ian MOULT, Ian
14:10	[37] Machine Learning beyond Classification in High Energy Physics	Dr GLEYZER, Sergei
14:20	[38] Radiation Effect Studies on ALPIDE at the 88-Inch Cyclotron	SZORNEL, Joanna
14:30	[52] Measurement of the pp-b bbar cross-sections at 7 & 13 TeV	KELSEY, Matthew Jordan
14:40	[39] In-Situ Jet Energy Scale Calibration of Large-Radius Jets	EPLAND, Matthew

Friday, 4 November 2016

Young Physicists' Lightning Round: Session 2 [8] - 40/R-C10 (11:00 - 12:25)

-Conveners: Darin Acosta

time	[id] title	presenter
11:00	[41] Search for Heavy $t\bar{t}b\bar{b}$ Resonances with CMS at 13 TeV	MC LEAN, Christine Angela
11:10	[42] Dark Matter, the Higgs, and Jet Substructure: What more could one want?	MEEHAN, Samuel Ross
11:20	[43] Search for dark matter in hadronic final state in CMS	DEMIRAGLI, Zeynep
11:30	[44] Dark photons at LHCb	ILTEN, Philip
11:40	[45] Search for Higgs Pair Production with two photons and two b-jets at 13 TeV	TEIXEIRA DE LIMA, Rafael
11:50	[46] Searches for natural supersymmetry in multi-b final states using $\sqrt{s} = 13$ TeV data from the ATLAS detector	SWIATLOWSKI, Maximilian J
12:00	[47] The UT upgrade project	PARKER, Will
12:10	[48] HCAL Energy Reconstruction	LAWHORN, Jay

Young Physicists' Lightning Round: Session 3 [8] - 40/R-C10 (14:35 - 16:00)

-Conveners: Corrinne Mills

time	[id] title	presenter
14:35	[49] Protecting High Field Magnets with the Coupling-loss Induced Quench System – CLIQ	Dr RAVAIOLI, Emmanuele
14:45	[50] Pixel Cluster Counting Luminosity Measurement in ATLAS	MCCORMACK, William Patrick
14:55	[51] Measuring Jets with the EMCal Detector in the ALICE experiment	STEFFANIC, Patrick John
15:05	[40] Multivariate Jet Calibration Using Neural Networks	GROGAN, Dayton Parker KAJOMOVITZ MUST, Enrique ENNIS, Joseph Stanford TOBIN, Matthew Tyler
15:15	[53] Heavy resonance search using b-tagged di-jet in Run	WANG, Rui
15:25	[54] Search for dijet resonances and constraints on dark matter from pp collisions in CMS at 13 TeV	DUARTE, Javier Mauricio
15:35	[55] Search for new physics in high multiplicity hadronic final states with the ATLAS detector at the LHC	WANG, Haichen
15:45	[56] A collider search for Dark Matter produced in association with a Higgs boson in the four-lepton final state at the 13 TeV LHC with CMS	BURNS, Dustin Ray BURNS, Dustin Ray

Young Physicists' Lightning Round: Session 4 [8] - 40/R-C10 (16:20 - 17:50)

-Conveners: GianLuca Sabbi

time	[id] title	presenter
16:20	[57] Discovering Hidden Sectors with Long-Lived Particles	SHUVE, Brian
16:30	[58] Ultra-peripheral collisions with the ALICE detector	ADAM, Jaroslav
16:40	[59] Invisible Higgs Decays	SMITH, Nicholas Charles
16:50	[60] Analysis strategy/tools for low a mass $H \rightarrow 2a \rightarrow 4b$ search	KHADER, Mazin Woodrow

17:00	[61] A Search for Low Mass Dark Photons in the Standard Model Photon + Jet Final State at CMS	STOLP, Dustin
17:10	[63] Search for a high mass diphoton resonance at the ATLAS detector	HYNEMAN, Rachel Jordan
17:20	[62] Search for Additional Higgs Boson via Higgs cascades	WANG, Zhangqier
17:30	[64] Searches for Resonance Decaying to VH/HH in the all hadronic final states at 13 TeV with ATLAS detector	ZENG, Qi

Young Physicists' Lightning Round: Winners Announcement, Photos - 40/R-C10 (18:10 - 18:20)