

Searches for long-lived particles at the LHC: Workshop of the LHC LLP Community

Monday, 24 April 2017

Talks and discussion: Day 1 - 4/3-006 - TH Conference Room (09:00 - 12:45)

time	[id] title	presenter
09:00	[2] Welcome: White paper overview and workshop goals	BEACHAM, James
09:15	[3] Theory/pheno overview of LLP searches at the LHC	SHUVE, Brian
10:00	[4] Experimental overview of LLP searches at the LHC	RUSSELL, Heather
10:45	Coffee	
11:15	[5] Backgrounds for LLP searches	ANTONELLI, Jamie
11:45	[6] Simplified models for LLPs	EVANS, Jared
12:15	[7] RECAST for LLP searches	HEINRICH, Lukas Alexander

Tuesday, 25 April 2017

Talks and discussion: Day 2 - 4/3-006 - TH Conference Room (09:00 - 12:40)

time	[id] title	presenter
09:00	[12] Triggering on LLP signatures -- CMS	MCDERMOTT, Kevin
09:20	[11] Triggering on LLP signatures -- ATLAS	COCCARO, Andrea
09:40	[13] Triggering on LLP signatures -- Theory/pheno utopian wish list	CURTIN, David
10:00	[14] LLPs in forward physics with LHCb	BORSATO, Martino
10:30	Coffee	
11:00	[15] Dark shower -- theory	SCHWALLER, Pedro Klaus
11:20	[16] Dark shower -- experimental searches and challenges	KOLBERG, Ted Ritchie
11:40	[17] Exotic signatures -- theory	LIU, Zhen
12:10	[18] Exotic signatures -- experiment	TORRO PASTOR, Emma

Wednesday, 26 April 2017**Talks and discussion: Day 3 - 4/3-006 - TH Conference Room (09:00 - 12:30)**

time	[id] title	presenter
09:00	[23] WG 1 Report	EVANS, Jared
09:45	[24] WG 2 Report	MEHLHASE, Sascha
10:30	Coffee	
11:00	[25] WG 3 Report	CURTIN, David
11:45	[29] WG 4 Report	SCHOLTZ, Jakub

Talks and discussion: Lightning round -- contributed talks - 500/1-001 - Main Auditorium (14:00 - 15:50)

time	[id] title	presenter
14:00	[30] Novel signals from novel R-parity violation	MUNOZ, carlos
14:10	[40] Simplified Models for Displaced Dark Matter Signatures	BUCHMUELLER, Oliver
14:20	[31] Hidden valley search at LHCb	TSAI, Yuhsin
14:30	[32] Search for long-lived particles with disappearing-track signature in ATLAS	SAWADA, Ryu
14:40	[33] Simplified models of dark matter with a long-lived co-annihilation partner	PLASCENCIA, Alexis
14:50	[34] Search strategy using LHC pileup interactions as a zero bias trigger	NACHMAN, Ben
15:00	[35] Displaced lepton-jets searches in ATLAS	POLICICCHIO, Antonio
15:10	[36] Probing asymptotic safety beyond the Standard Model	LITIM, Daniel
15:20	[37] Disappearing charged tracks for electroweak doublets	ZURITA, José Francisco
15:30	[38] Neutral jets at the LHC from stable SIMPs	LOWETTE, Steven
15:40	[39] LLP searches in the low-scale seesaw	CAPUTO, Andrea