

Workshop on the physics of HL-LHC, and perspectives at HE-LHC

Monday, 18 June 2018

BSM: Monday - 60/6-015 - Room Georges Charpak (Room F) (09:00 - 19:00)

time	[id] title	presenter
09:00	[74] Introduction to WG3	ULMER, Keith D'ONOFRIO, Monica FOX, Patrick TORRE, Riccardo CID VIDAL, Xabier
09:20	[6] Implications of a Stop Sector Signal at the HL-LHC	SHAKYA, Bibhushan
09:40	[7] HE-LHC vs HL-LHC potential for SUSY discovery	Dr ABOUBRAHIM, Amin
10:00	[8] SUSY Experimental Overview (by ATLAS)	RIMOLDI, Marco
10:20	[9] Discussion	
10:30	Coffee	
11:00	[11] DM experimental overview	ALBERT, Andreas
11:20	[153] HL/HE-HLC prospect for DM and top quark(s)	POLESELLO, Giacomo PANI, Priscilla HAISCH, Ulrich Andreas
11:40	[13] Search for light composite objects at LHC	CACCIAPAGLIA, Giacomo
12:00	[14] Discussion	
12:30	Lunch	
14:00	[16] Long-lived particles: experimental overview (by LHCb)	VAZQUEZ SIERRA, Carlos
14:20	[12] Discovery potential of light pNGBs for the open window in the mass range 14 to 65 GeV using boosted di-tau systems.	SERODIO, Hugo
14:40	[17] Perspective for the discovery of sphaleron transitions at the HL- and HE-LHC	AMOROSO, Simone
15:00	[18] Discussion	
15:30	Coffee	
16:00	[19] Model discrimination, at the HE-LHC, for Z' HL-LHC discoveries	HELSENS, Clement
16:20	[20] The HL-LHC and HE-LHC Scope in Testing compositeness of 2HDMS	DELLE ROSE, Luigi
16:40	[21] Vectorlike quarks and leptons in extended Higgs sector	DERMISEK, Radovan
17:00	[15] Displaced muons at CMS, new results	KELLER, Henning
17:20	[23] Discussion	

Tuesday, 19 June 2018

BSM: BSM/Flavour - 40/S2-A01 - Salle Anderson (09:00 - 11:00)

time	[id] title	presenter
09:00	[70] Neutrino Mass Models at the HL/HE LHC	Dr WEILAND, Cedric
09:25	[71] Flavour anomalies at the HL/HE LHC	JUNG, Martin
09:50	[72] High pT signatures related to B-anomalies at the HL/HE LHC	NARDECCHIA, Marco
10:15	[73] Discussion	
10:30	Coffee Break	

BSM: BSM/Higgs - 40/S2-A01 - Salle Anderson (11:00 - 13:00)

time	[id] title	presenter
11:00	[93] BSM Higgs: Experimental Status	ZHANG, Lei
11:20	[94] BSM Higgs: Theory Status I	HEINEMEYER, Sven
11:50	[95] BSM Higgs: Theory Status II	THAMM, Andrea
12:20	[96] Higgs in Minimal Composite Higgs Models	LIMA, Leonardo
12:50	[97] Discussion	

Wednesday, 20 June 2018

BSM: Wednesday - 40/S2-A01 - Salle Anderson (09:00 - 13:00)

time	[id] title	presenter
09:00	[24] Z' bosons in supersymmetric and leptophobic scenarios"	CORCELLA, Gennaro
09:20	[25] Precision predictions for new di-lepton and t-tbar resonances	ALTAKACH, Mohammad
09:40	[26] Resonance experimental overview (by ATLAS)	WIELERS, Monika
10:00	[27] CMS HH resonance to 4b	MAJUMDER, Devdatta
10:20	[28] Discussion	
10:30	Coffee	
11:00	[29] Heavy neutral fermions at the high-luminosity LHC	WANG, Zeren Simon
11:20	[30] Investigating scenarios where multi photon resonances look like di-photon and distinguishing them	IYER, Abhishek
11:40	[32] Close out and discussion	ULMER, Keith D'ONOFRIO, Monica FOX, Patrick TORRE, Riccardo CID VIDAL, Xabier