

Ultimate Precision at Hadron Colliders

Friday 29 November 2019

Low-energy observables (10:00 - 12:20)

-Conveners: Christoph Lehner; David d'Enterria

time	[id] title	presenter
10:00	[11] Weak mixing angle at low Q^2 (JLab/Mainz experiments)	MAAS, Frank
10:20	[12] Weak mixing angle at low Q^2 (Theory impact)	ERLER, Jens
10:40	[13] Weak mixing angle from parity-violating-ep scattering PVES & V_{ud} from beta decay	SENG, Chien Yeah
11:00	[14] Quark masses from lattice QCD	LYTLE, Andrew
11:20	[15] Discussion on CKM elements & quark masses	
11:40	[16] g-2 Fermilab E989 experiment: Status report	FERRARI, Carlo
12:00	[17] alpha at low-Q & MuonE experiment: Status report	TRENTADUE, Luca

Low-energy observables (14:00 - 17:00)

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time	[id] title	presenter
14:00	[18] Hadronic light-by-light (HLbL) from dispersive/analytic methods	COLANGELO, Gilberto
14:20	[19] Hadronic Vacuum Polarization (HVP) & extraction of alpha at low Q	HOECKER, Andreas
14:40	[20] HVP & HLbL from Lattice QCD+QED	GERARDIN, Antoine
15:00	[21] Discussion on g-2	
15:20	Coffee break	
15:40	[22] alpha_s from lattice QCD (FLAG)	HORSLEY, Roger
16:00	[23] alpha_s from tau decays and low mass e+e-	GOLTERMAN, Maarten
16:20	[24] alpha_s from parton-to-hadron FFs	PEREZ RAMOS, Redamy
16:40	[25] Discussion on alpha_s	