Workshop on High Luminosity LHC and Hadron Colliders

Tuesday, 1 October 2024

Theory tools for accurate event simulation - Aula B. Touschek (17:00 - 18:50)

 -Conveners: Paolo Torrielli; Marco Zaro; Evelin Meoni; Lorenzo Viliani

time	[id] title	presenter
17:00	[13] Theory tools for accurate event simulations	NASON, Paolo
18:00	[14] (N)NNLO+PS matching	RE, Emanuele
18:40	Discussion	

Wednesday, 2 October 2024

Theory tools for accurate event simulation - Aula B. Touschek (09:00 - 13:15)

time	[id] title	presenter
09:00	[15] Parton shower accuracy (NLL and beyond)	REICHELT, Daniel
09:40	[16] Introduction to Soft-Collinear Effectve Theory and applications to LHC phenomenology	BROGGIO, Alessandro
10:20	[18] The Frontiers of Jet Substructure	MOULT, Ian
11:00	Coffee Break	
11:30	[17] Towards the evaluation of NNLO (QCD + QCD-EW + EW) corrections at HL-LHC and future colliders	VICINI, Alessandro
12:00	[19] Determining PDFs accurately and precisely: data, theory, and methodology	NOCERA, Emanuele Roberto
12:30	[20] TMD factorisation (a phenomenological introduction)	BOZZI, Giuseppe
13:00	Discussion	