

Computational Tools for High Energy Physics and Cosmology

Thursday, 25 November 2021

Collider (09:00 - 12:40)

-Conveners: Robert Valentin Harlander

time	[id] title	presenter
09:00	[155] Review on NNLO matching and parton showers	WIESEMANN, Marius
09:30	[156] Review on LHC Recasting Tools	KRAML, Sabine
10:00	[119] Recasting long-lived particle searches at the LHC with CheckMATE 2	WANG, Zeren Simon
10:20	[127] Probing long-lived particles with SModelS v2	ALGUERO, Gael
10:40	Break	
11:10	[157] Rivet and Contur	CORPE, Louie Dartmoor
11:40	[132] Collider Phenomenology & LHC Recasting with MadAnalysis 5	ARAZ, Jack
12:00	[135] Automated Collider Event Selection, Plotting, & Machine Learning with AEACuS, RHADAManTHUS, & MInOS	Prof. WALKER, Joel
12:20	[131] Implementation and benchmarking of a columnar analysis framework for searches of the Higgs boson decays into two muons	KONDRATYEV, Dmitry