

Probing space-time properties (LIV/NC) at HEP experiments

Monday, 29 May 2023

LHC & beyond: Constrains from LHC measurement and phenomenology (14:00 - 16:20)

-Conveners: Nikola Konjik

time	[id] title	presenter
14:00	[28] Electromagnetic flavor-changing lepton decays from Lorentz and CPT violation	PASSEMAR, Emilie
14:20	[19] Review of the LIV constraints in b-sector from LHCb	VAN VEGHEL, Maarten
14:50	[20] Searches for Lorentz-violation with ttbar at CMS	CHANON, Nicolas Pierre
15:20	[21] Limits and projections for LIV with Drell-Yan at colliders	SHERRILL, Nathaniel
15:50	[26] Towards LIV/NC with automated MC generator: Helicity-polarized parton scattering in MadGraph5_aMC@NLO	RUIZ, Richard

LHC & beyond: Challenges and future developments (16:40 - 18:30)

time	[id] title	presenter
16:40	[23] Discussion on experimental challenges in the searches for LIV/NC	
17:10	[22] Discussion on potential NC/LIV signatures @LHC	
17:30	[24] Discussion on common possible joint application for COST action	