

Developments in treating the SM as an EFT

Tuesday, 20 June 2017 11:20 (30 minutes)

I give an update on the current status of research aiming to treat new physics searches at the LHC and other experiments using the techniques of effective field theory. This has been employed in many contexts, from fitting EW precision data and Higgs data to investigating higher-energy phenomena in dijet, dilepton, and diboson searches. I review the technical challenges arising in both types of analyses, and give personal views on the path forward for using EFT techniques to generate model independent bounds on heavy new physics.

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Session Classification: Working Group: Electroweak Interactions

Track Classification: Electroweak Interactions Working Group