

Séminaire LAL

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Mardi 31 janvier 2017 à 11h00

EFT and New Physics searches at the LHC

EFT is a recipe to study observables at a scale S , that corresponds to the way we do physics: choose appropriate variables, then perturb in (hopefully small) scale ratios. I will review how to parametrise heavy "New Physics" using EFT, then discuss two examples: the relation between Higgs decay to μe and $\mu \rightarrow e \gamma$, and the search for four-fermion contact interactions in dilepton final states at the LHC.

Salle 101 - Bât. 200, Orsay

Thé et café seront servis 15 mn avant le séminaire

Organisation : Reisaburo Tanaka (LAL) – seminaires@lal.in2p3.fr - <http://www.lal.in2p3.fr>