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Particle Physics at LPTHE

Mardi 6 Juin 2017, 14 :00
LPTHE, Library
Domaines : hep-ph

Titre : *Rel-axion : linking pairwise Naturalness, Flavor and strong CP*

Orateur : **Diego Redigolo (Weizmann and Tel-Aviv University)**

Résumé : *Besides its great successes the Standard Model has three main structural problems : the origin of the EW scale, the hierarchy of the fermion masses and the smallness of the strong CP phase. I will discuss three classes of solutions where the dynamics of an axion/relaxion is solving pairwise the three problems listed above. All these solutions have very sharp phenomenological predictions that can be tested in a variety of experiments : from fifth force to B factories.*
