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Particle Theory Seminar of IJCLAB Orsay

Jeudi 26 Avril 2018, 16 :00
LPT, 114
Domaines : hep-ph

Titre : *Time-Reversal Violation in Light of Light Nuclei*

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Résumé : *One of the elements needed to understand the observed matter-antimatter asymmetry of the universe is violation of time reversal (T). T violation can arise in the Standard Model through operators of dimension four or higher, and generate electric dipole moments of the neutron and light nuclei. I will argue that potential measurements of these EDMs could pinpoint the mechanism(s) of T violation of dimension up to six involving quarks and gluons.*