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EDMs and Dark Sectors

Thursday 6 June 2019 13:45 (30 minutes)

Precision measurements of electric dipole moments (EDMs) of the neutron, atoms and molecules constitute important tests for new sources of CP violation in nature. Given the empirical motivation for new physics in a hidden (or dark) sector, notably arising from the need to explain dark matter and neutrino, I'll discuss the implications of this scenario for EDM measurements and the complementarity with direct probes of dark sectors.

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