

Strong Interactions and Fundamental Symmetries

jeudi 16 septembre 2021 17:00 (30 minutes)

Effective field theories allow us to track the violation of symmetries across energy scales. I will discuss the manifestation in nuclei of the lowest-dimension interactions beyond the Standard Model which violate lepton number, baryon number, and time reversal. Specific processes/quantities involved include neutrinoless double-beta decay, the deuteron lifetime, and electric dipole moments of the neutron and light nuclei.

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