AIP summer meeting 2025



Contribution ID: 178 Type: Contributed Oral

Bottom-up perspective on baryon number violation

Wednesday 3 December 2025 11:45 (15 minutes)

Baryon number is an accidental symmetry of the Standard Model. Its violation is one of the most compelling phenomena predicted

by physics beyond the Standard Model (SM). Within the framework of effective field theory, I will discuss how next-generation neutrino experiments including Hyper-Kamiokande, DUNE, and JUNO can provide new insights on minimal extensions of the SM.

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Session Classification: Nuclear and Particle Physics

Track Classification: Topical Groups: Nuclear and Particle Physics