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Flavor and the Baryon Asymmetry of the Universe

Wednesday 11 June 2025 10:15 (30 minutes)

The baryon asymmetry of the universe cannot be explained with the Standard Model. Furthermore, the SM also does not address why fermion masses are highly hierarchical. I will discuss a “flavon” model, which addresses both of these problems. I will also discuss collider and cosmological signals of such a flavor/baryogenesis model.

Keyword-1

Flavon

Keyword-2

Baryon Asymmetry

Keyword-3

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