

Vector Self-Interacting Dark Matter

Friday, 17 May 2019 16:50 (25 minutes)

We present a model for spin-1 dark matter with self-interactions through a massive spin-1 mediator. Despite all gauge symmetries being broken, the dark matter candidate is stable. We then discuss how this toy model fits into a broader research program of new types of composite dark matter.

Preferred Session

Dark Matter

Comments

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Session Classification: Phenomenology and Model Building