

Phenomenology 2015 Symposium



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Type: **parallel talk**

Vector Dark Matter via Higgs Portal

Tuesday, 5 May 2015 17:45 (15 minutes)

We discuss options and challenges associated with building viable models of Vector Dark Matter which interact with the Standard Model via the Higgs boson. The primary focus is to examine an effective operator as well as its possible UV completion where the portal is generated radiatively. Bounds and future sensitivities by collider and direct detection experiments will also be considered.

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