## 4th ComHEP: Colombian Meeting on High Energy Physics (Barranquilla, Colombia)



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## Vector Boson Fusion and monojet signatures in simplified dark matter models (Cancelled)

We study the differences among Vector Boson Fusion and monojet signatures in the simplified models approach for dark matter searches at the LHC. We develop an optimized selection for Vector Boson Fusion signature of the mentioned model and establish its exclusion reach in comparison to monojet searches.

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