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## 4321 at the LHC

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The '4321' models are promising extensions of the SM that give rise to the  $U_1$  vector leptoquark solution to the B-physics anomalies. Both the gauge and fermion sectors of these UV-constructions lead to a rich phenomenology currently accessible at high-energy colliders. In this talk we describe some of the main LHC signatures and extract exclusion limits using run-ll data. In addition, we also discuss a 4321 extension with a dark sector leading to a Majorana dark matter candidate and a colored partner producing new signatures at the LHC.

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