

Abstract Submitted
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Cogeneration of Baryons and Twin Quark Dark Matter CHRISTOPHER VERHAAREN, Brigham Young University — Twin Higgs models explain the little hierarchy problem and provide a predictive realization of a richly varied dark sector. I outline an extension of the twin Higgs framework that produces baryogenesis and a novel asymmetric dark matter candidate. I then discuss how this scenario can be tested at current and future experiments.

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