

An abundance of relaxions?

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There has been significant interest in using a coupling between the Higgs and the axion to resolve the electroweak hierarchy problem. This relaxion idea while intriguing also may present a problem for the QCD axion's original intention, to solve the strong CP problem. In this model, the axion may also be eliminated as a resolution to the dark matter problem. In this talk I will discuss ways this problem might be solved, implications it may have for the dark matter problem as well as studies of inflation.

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