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# Bounds on the Transitions Scale in Asymptotically Safe Gravity from the Diphoton Channel at the LHC with Large Extra Dimensions

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The LHC allows to probe quantum gravity with large extra dimensions. Within the Asymptotic Safety scenario we present new constraints on the transition scale  $\Lambda_T$  for the diphoton channel. These bounds will be compared to existing bounds from other channels, including Drell-Yan and MET plus jet.

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