

# Update on the importance of the LHC observation of the renormalization group at low energies

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## Abstract

At low energies, the renormalization group flow equation of the Higgs theory is known to be a known quantity. The constraints of the LHC experiment, however, are to extract the renormalized value of the Higgs parameters and the associated LHC response function. In this article we present an update on the importance of the LHC observation of the renormalization group at low energies.