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Electroweak Precision Observables, Top and Higgs physics in the SMEFT

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We present results from a global fit of dimension-six SMEFT operators that includes electroweak, Higgs-boson, top-quark, and flavor observables. The leading-order scale dependence of the SMEFT Wilson coefficients is consistently included in the evolution from the UV scale to the electroweak scale and the low-energy scale of flavor observables. The global fit is obtained within the HEPfit framework and is based on the state-of-the-art of both experimental results and SM theoretical predictions for all the observables considered.

Secondary track

T08 - Higgs Physics

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