EPS-HEP2023 conference



Contribution ID: 534

Type: Parallel session talk

Global fit of electroweak data in the Standard Model and beyond

Wednesday 23 August 2023 09:50 (20 minutes)

Duration: 15'+5'

In this talk we will review the most recent global analysis of electroweak data, in the Standard Model and beyond, as obtained in the HEPfit framework. Based on arXiv:2204.04204, this analysis include the most recent measurements of the W-boson mass (CDF and ATLAS) and of the top-quark mass (CMS). Moreover, we will present preliminary results of a global fit of the SMEFT that extends the set of observables considered to also include Higgs-boson and top-quark observables, as well as several improvements in the treatment of the SMEFT formalism within HEPfit.

Collaboration / Activity

HEPfit

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Session Classification: T07 Top and Electroweak Physics

Track Classification: Top and Electroweak Physics