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EFTfitter - A tool for interpreting measurements in the context of effective field theories

Over the past years, the interpretation of measurements in the context of effective field theories has attracted much attention in the field of particle physics. In this poster, the EFTfitter is presented, a tool for interpreting sets of measurements in such models using a Bayesian ansatz by calculating the posterior probabilities of the corresponding free parameters numerically. An example is given, in which top-quark measurements are used to constrain anomalous couplings at the Wtb -vertex.

Summary

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