Hyperiso: A general BSM calculator for flavour observables

Thursday 14 November 2024 09:50 (15 minutes)

Hyperiso is a refactored and expanded version of the flavour code SuperIso allowing for efficient calculations of flavour observables. While SuperIso was dedicated to SM, THDM and several SUSY models, Hyperiso now implements a transparent interface with MARTY (a public tool to perform analytical QFT calculations) to extend SuperIso's observable calculation routines to generic BSM scenarii. In this talk, we will present the main structural changes and new features of the MARTY–Hyperiso pipeline.

Primary authors: MAHMOUDI, Nazila (Lyon University); FARDEAU, Niels; REYMERMIER, Théo (IP2I Lyon + LPSC)

Presenters: FARDEAU, Niels; REYMERMIER, Théo (IP2I Lyon + LPSC)

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