



Contribution ID: 872

Type: **Poster**

## Hyperiso: A general BSM calculator for flavour observables

*Wednesday 9 July 2025 18:23 (20 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 scenarios. Hyperiso also implements a Python binding and Graphical Interface to improve user accessibility and ease of use.

### Secondary track

**Author:** REYMERMIER, Théo (IP2I Lyon + LPSC)

**Presenter:** REYMERMIER, Théo (IP2I Lyon + LPSC)

**Session Classification:** Poster T07

**Track Classification:** T07 - Flavour Physics and CP Violation