

The pythia8 python interface

Thursday, September 15, 2022 3:30 PM (30 minutes)

Pythia is one of the most widely used general-purpose Monte Carlo event generators in HEP. It has included a python interface to the underlying C++ since v8.219, and it was redesigned to handle C++11 using pyBind11 since v8.301, allowing users to generate a custom python interface.

This talk will showcase the power and flexibility of Pythia's default, simplified python interface by presenting its basic features and walking through a simple event-generation and analysis workflow.

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