FUTURE CIRCULAR COLLIDER

Contribution ID: **70**   Type: **(b) Poster abstract only (one author must be in person)**

FCCAnalyses cheatsheet

Thursday 13 June 2024 18:40 (1 minute)

In FCCAnalyses we utilize the powerful event processing abstractions of ROOT RDataFrame in combination with the event data description of the EDM4hep format, resulting in a fast and multi-threaded framework. The FCCAnalyses package also provides a standard library of analyzer functions, the integration of commonly used HEP tools such as FastJet, ONNX, DD4hep, Delphes, …, and metadata management of centrally or locally produced samples. This makes FCCAnalyses a full fledged solution for a large spectrum of analyses purposes. The proposed poster will present a cheatsheet/manual page of the framework to better inform all FCC colleagues at the conference about its design, implementation, conventions and best practices.

Primary author: SMIESKO, Juraj (CERN)

Presenter: SMIESKO, Juraj (CERN)

Session Classification: Poster session

Track Classification: Physics, Experiments and Detectors: Software