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Introduction to Coffea and its applications to high energy physics

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Columnar analysis is a paradigm that describes the way the user writes the analysis application that is best described in contrast to the traditional paradigm in high-energy particle physics (HEP) of using an event loop. Coffea is a prototype package for pulling together all the typical needs of a high-energy collider physics (HEP) analysis. In this talk I will provide an introduction to Coffea and its functionalities, and show how to implement a basic analysis.

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