



Contribution ID: 31

Type: **Regular Talk** (15'+5')

COFFEA: Columnar Object Framework For Effective Analysis

Thursday 1 December 2022 17:50 (20 minutes)

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. We will have a hands on tutorial on how to implement a basic analysis.

Author: OCAMPO HENAO, Daniel (Universidad de Antioquia (CO))

Presenter: OCAMPO HENAO, Daniel (Universidad de Antioquia (CO))

Session Classification: LHC results

Track Classification: Theory - Phenomenology