

## **Talk: The framework ROOT CERN and its use in particle physics**

*Tuesday 15 August 2023 09:20 (40 minutes)*

Data analysis is a key component of experimental physics, this is why the knowledge of frameworks and programming languages is necessary for physicists. In particle physics for example, the ROOT framework is widely used because of its graphical interface for interactive analysis and its capacity to store and analyze large sets of data of more than 1 exabyte. In this talk, I will be introducing briefly the functionality of ROOT and relating it to my own research: the amplitude analysis of three-body decays.

**Presenter:** LOACHAMIN, Gustavo (PUC Rio de Janeiro)