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The Adventures of a ROOT Novice

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The ROOT data-analysis framework is a powerful and feature-rich library that is extremely popular for scientific analyses in high-energy physics. The enormousness of ROOT with all its bells and whistles can make it seem intimidating to dive into as a beginner.

Having worked with uproot (a library for reading and writing ROOT files in pure Python and NumPy), in this talk, I will discuss my experience with ROOT after my recent first contact with it at the Software Carpentry Workshop. I will discuss my experience with ROOT as I learnt about its various features such as PyROOT, C++ interpretation, histogramming, interactive plots, and RDataFrame among many others.

Summary

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