

Uproot, Awkward Array, hist, Vector: from basics to combinatorics

Monday 12 September 2022 16:30 (30 minutes)

This is an introduction to doing particle physics analysis with Scikit-HEP tools: Uproot, Awkward Array, hist, and Vector.

It starts at a basic level—exploring files, making plots—and ramps up to resolving $e^+e^-e^+e^-$, $\mu^+\mu^-\mu^+\mu^-$, and $e^+e^-\mu^+\mu^-$ final states in Higgs decays.

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