

Uproot: RNTuple support and future plans

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The migration from TTree to RNTuple as the preferred format for data storage is now in full force. Uproot, the IO package in Scikit-HEP, has stayed at the forefront of this migration. It now has 100% bi-directional support between RNTuples and Awkward arrays, supports schema extensions, and defaults to writing RNTuples instead of TTrees. I will be discussing the status of RNTuple support, some limitations, and plans for improvement. Along with this, I will also talk about potential plans for Uproot as a whole, including refactors, improvements, and AI-assisted developments.

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Session Classification: Talks