



Contribution ID: 1

Type: **Light talk - 10min**

KM3io.jl - An example how to wrap UnROOT to make ROOT files more accessible

Tuesday 7 November 2023 10:15 (10 minutes)

Handling ROOT files with pure Julia has been made possible by the UnROOT.jl package. It can however be complicated for a user if an experiment is heavily using custom classes and complicated branch structures. KM3io.jl was created to deal with the ROOT files produced by the KM3NeT DAQ, MC and reconstruction workflows. This talk shows how UnROOT.jl and low-level access can be hidden from the user, so that it feels like handling the ROOT file in its original (C++) framework.

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