

# ProtoDUNE-SP analysis

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*Pablo F. (IFIC & CSIC) – IFIC week meeting*

# Software for protoDUNE analysis

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~/dunetpc/dune/Protodune/Analysis: contains some particular tools for protoDUNE-SP but most of the tools are for getting the particle information (true and reconstructed) of MC simulations

Georgios and Stefania are working on a small tree for analysis, but still at the very beginning, [https://cdcvcs.fnal.gov/redmine/projects/dunetpc/repository/revisions/develop/entry/dune/Protodune/Analysis/ProtoDUNEAnalTree\\_module.cc](https://cdcvcs.fnal.gov/redmine/projects/dunetpc/repository/revisions/develop/entry/dune/Protodune/Analysis/ProtoDUNEAnalTree_module.cc)

Last ProtoDUNE Sim/Reco meeting: <https://indico.fnal.gov/event/19015/>.

The activities are more focused on quality plots and debugging the tools, not proper analysis results yet

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HighLAND: achieved to clone it from IFIC gitlab with some issues

- Fermilab machines are SL6.7 and its TLS version is not compatible with those at IFIC (SL7)
- There is a SL7 machine at Fermilab dedicated to DUNE, so I could clone the code from there (made a ticket to update Fermilab machines from SL6.7 to SL6.8, which should solve the incompatibilities)

Tried to compile HighLAND at Fermilab SL6.7 machines, but some errors occurred. To be discussed offline with Anselmo.