

# CIDER (Dry) Summary

- Performance study that probably no one else scrolled through
  - I still don't understand the impact of the training stats
  - By the summed PE itself, it's very difficult to distinguish the drift position.
- Produce single muon samples
  - Minor bug fixes in flash making
  - Validate the geometry
  - Launch jobs, convert the input
  - Test SIREN training (vis only and vis+t)
- Produce some example raw readout waveform given the LUT
- Update the LUT to include the average time and normalized time distribution
- Make a small package to produce waveform (Just to go through the light simulation "in details" ...)
- To-do's:
  - Plug (myself) into SIREN training with the photon arrival time
  - Try Xoptimizer with time
  - Separation multiple interactions (a bit far)