

Parting Thoughts

This workshop was quick, but solidified my feeling that we should collaborate on a lot of these problems. Some things I saw here that I'd like to try out/collaborate/work on:

- Putting a NN on FPGAs for the LHCb muon system. IMHO, HLS4ML is an exemplar of a software project that could be supported by the Institute the directly results in collaboration across experiments.
- Trying the graph NN for LHCb tracking.
- Smaller data representations (of course).
- Bayesian tools.
- Etc.

Producing community software tools is one obvious way to collaborate.

Challenge-style hosting/problem definition would be useful as a pedagogical tool for training our students in addition to facilitating collaboration.

How else? We will contact you all soon to solicit feedback on this.