Minutes – Far-Forward, Nov. 29th, 2022 – 9am EST

- Alex presented short discussion on B0 tracking and the need to have *something* which allows for full reconstruction of tracks. We are meeting with the Jana2 developers next Tuesday, Dec. 6th to discuss potential for porting standalone GenFit + KF code from EICROOT into EICRecon so have something to test.

- There will be a new B0 field map coming very soon, and it will require a lot of study to understand impact on the tracking resolution.

- Even though the EPIC simulations don't have full reco for FF, we have enough to beign writing analysis codes to readily analyze output. This is a good time to learn how to do this. Please consider joining the sim/QA meeting where this will be discussed: https://indico.bnl.gov/event/17807/

- Roman Pots matrix reconstruction R&D proposal accepted. Part of the deliverables is to ensure integration with the EPIC framework. More details to follow.

- Elke pointed out the need for PYTHIA6 + PYTHIA8 combined simulations to study the ability for us to identify diffractive events with a min-bias "background". This is something we will push for the next simulation campaign.

- Sakib updated us on his work with the ACTS refactoring for inclusion of ACTS v20 in the EPIC framework. This in principle will include the off-axis tracking that is needed for the B0. But the full timeline for that portion of the ACTS code's use is still unclear. More updates to follow.

- Lynn from PNNL gave a short update on their work. They found an alignment issue with the ZDC components and notified Shima. They are also working on energy calibrations for the ZDC. Devan will present at the next meeting, and they plan to give a presentation (presenter TBD) at the collaboration meeting.

- Po-Ju is working with Shima to fix the ZDC issue mentioned above. They are also working on studying the energy depositions in the silicon layers. More updates to follow.

- Zvi asked about availability of u-channel events from Bill. Will follow-up.

- EPIC Collaboration meeting: https://www.jlab.org/conference/EPIC