Recent Proto-Collaboration Activity: EIC@IP6

Meeting: https://indico.bnl.gov/event/11153/

Short term strategy
Support working groups to remain productive
- Fun4All & eic_smear: Kolja Kauder
- Delphes: Miguel Arratia & Stephen Sekula
- ESCalate: Dmitry Romanov, Yulia Furletova (g4e), Nathan Brei (Tracking)
- MC Samples: Andrea Bressan

- Slow: Use whatever you like, ESCalate, fun4all, dd4hep, …

- Fast: Use DELPHES or eic-smear

→ We should look into developing **DELPHES comparison**

Recent Proto-Collaboration Activity, ECCE

ECCE at the IR2 workshop: https://indico.bnl.gov/event/10677/

- Software "to be decided very soon"

- In practice, strong focus on fun4all and eic-smear

- Stay up late for ECCE Simulation Workshop, starting at 9:30 EST:
  https://indico.bnl.gov/event/11112/

→ need to interface with fun4all, get an ECCE prototype going

Recent Proto-Collaboration Activity: CORE

CORE: https://indico.bnl.gov/event/11053/

- Slow: Undecided, but fun4all will play a strong rrole

- Fast: DELPHES or eic-smear
  - Anselm on DELPHES
  - Kolja on eic-smear

→ We should look into developing DELPHES comparison
→ need to interface with fun4all, get a CORE prototype going

Projects

- **Install & run DELPHES (can reach out to Anselm, Steve)**
  https://github.com/stephensekula/delphes
- **Make it produce QA plots like ours and compare**

- **I already have a CORE prototype, needs refinement**
- **Specific QA plot improvements are requested**

- **Want to do a similar prototype for ECCE**
  - **Already have a connection to ePHENIX in fun4all**
- **Help fun4all @ ECCE team to better integrate eic-smear**