

An Short Update

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Afterburner Study

- Since last meeting, had a discussion with Alex and Brian to come up with a strategy on how to address afterburner study within ePIC and Det-II
- Started putting together some slides in shared Google slides (Brian, Alex, and Jihee) and will continue having discussion on this matter
- Describes introduction of why and how to analyze ePIC output with afterburner events by providing code snippet (step-by-step). Also addresses impact of boost-rotate shift on particles in terms of acceptance and potential problem on calorimeter-based analysis.
- Once all collected, plan to share with you all and present at ePIC WG meetings and Det-II meeting as well as post a slide deck on wiki page as suggested. Also add into write-up note.

IP-8 Simulation Study

- Working on re-evaluation for IP-8 Vetoing Efficiency with the latest BeAGLE events
- Toward scattered proton reconstruction, working on transfer matrices at Roman Pot 2nd Focus and found some discrepancy in reconstruction in simulation. Talked with Alex about this matter and trying to understand and resolve this
- Once this is resolved, start with DVCS ep events and then move onto more refined approach and different event sets