

General Discussions

- Physics measurements that require low momentum PID
 - Seek inputs from Exclusive, HF&Jet, and SIDIS PWGs – in progress
- Complement between Cherenkov and TOF detectors
 - Discuss with Cherenkov PID DWG – in progress
- Impact on calorimeter and tracking performance
 - Work with calorimeter and tracking DWGs – in progress
- Integration into ePIC
 - Define the layout and services – in progress
- Implement geometry in DD4Hep
 - Work with simulation WG – started
- Engage new institutions
 - Presentations at this and upcoming TOF meetings – started
- R&D towards TDR: eRD112
 - FY22 report and FY23 proposal – started

TOF-PID Detector Working Group

A few relevant pointers for TOF-PID Detector Working Group

- Mailing list: eic-projdet-tofpid-1@lists.bnl.gov
 - Subscription information: <https://lists.bnl.gov/mailman/listinfo/eic-projdet-tofpid-1>
- Indico page: <https://indico.bnl.gov/category/414>
- Wiki page: <https://wiki.bnl.gov/eic-project-detector/index.php/TOFPID>
- Default meeting time: Monday 11:30am ET
- Convener's contact info:
 - Constantin Loizides (ORNL) – constantin.loizides@cern.ch
 - Frank Geurts (Rice) – geurts@rice.edu
 - Wei Li (Rice) – wl33@rice.edu
 - Zhenyu Ye (UIC) – yezhenyu@uic.edu
- eRD112:
 - Mailing list: <https://mailman.rice.edu/mailman/listinfo/lgads-eic>
 - Indico page: <https://indico.bnl.gov/category/323/>
 - Default meeting time: Wednesday 11:30am ET