PID Working Group T. Hemmick & P. Rossi

- In order to move forward on in a coherent and effective way we had two requests for this meeting:

1) Come to the meeting with a simple performance code implemented and ready to share with colleagues (where "applicable")
See Tom's presentation: https://indico.bnl.gov/event/7792/

2) Presentations should cover the following points (where "applicable")

- Technology used: spell out clearly any risk associated, if any
- Momentum range covered: p versus theta and Nsigma vs. p
- Robustness of the design (e.g. sensitivity to magnetic field) and has a prototype been built?
- Are the electronics considerations clear (channel count, data size, rate, background)
- Time needed to complete the R&D and available workforce
- Status of Simulation and Reconstruction

- We require people to finish in the allotted time as a courtesy to all

PID Working Group

- All presentations and questions this afternoon: 14:00 -16:00 16.30 -18:00

- Friday morning : 8:30 – 10:30
  We want to use this session to have preliminary answers to the questions raised today

- What we want to achieve at the end of this meeting:

1) Deliverables for the next quarterly meeting

:

2) Meetings schedule: we think that the "quarterly" meetings are not enough to track the progress of the work. It might be best to have monthly (or biweekly?) meetings between the major quarterly ones.

PID Working Group: some Documentation

1) Electron-Ion Collider Detector Requirements and R&D Handbook
http://eicug.org/web/sites/default/files/EIC_HANDBOOK_v1.1.pdf

2) Electron-Ion Collider (EIC): An Introduction to the Particle Identification System
https://jleic-docdb.jlab.org/DocDB/0003/000326/001/Montgomery-EIC-PID-02.pdf

3) EIC Detector R&D Progress Report
https://wiki.bnl.gov/conferences/images/8/8e/ERD14_Jan-2020.pdf
https://wiki.bnl.gov/conferences/images/a/a5/EIC_Review_2020-Jan.pdf
https://wiki.bnl.gov/conferences/index.php/EIC_R%25D#Detector_R.26D_Handbook