

Detector Team Update

30 August 2021

Detector Team Progress

- ECCE detector configuration for [2nd Simulation Campaign](#) essentially finalized and campaign about to start.
- Small acceptance gap in electron-going direction reduced/ optimized.
- Meeting being arranged (~Friday?) to further discuss ECCE TOF requirements and trade-offs of use of AC-LGADs versus alternative technologies. This will not delay start of 2nd Simulation Campaign.
- [Highlight presentation today](#) on progress assembling ECCE cost, schedule, and risk information.

Magnet

- Discussed with ECCE Magnet DWG the subject of re-use of BaBar magnet and how to present assessment of risks in proposal.
 - Will be informed by sPHENIX experience using BaBar
 - Will have backup contingency plans (repair or even rebuild) prepared as as available mitigations if required, providing multiple credible/costed plans to get to CD4a.
 - Preparing to write this part up for the proposal.

ECCE Cost, Schedule, and Risks

- ECCE Cost & Schedule Team at ORNL: Joseph Rasson, John Cunningham, Spencer Creekmore, Tom Cormier, Ken Read
- Team has been meeting with ECCE DWG co-conveners via dedicated weekly meeting since June/July. First and second drafts already iterated.
- “Final” DWG inputs to the team due by [September 3](#).
- [Highlight presentation](#) on status now

BACKUP