

Welcome and News

ATHENA Collaboration meeting
March 10th, 2022

Silvia Dalla Torre



DPAP close-out

- Close-out on 3/8 by a webinar
- Registration not available
- For those who could not attend:
 - DPAP has presented their report, with sections about:
 - ⊙ Physics performance
 - ⊙ Detector concept and feasibility
 - ⊙ Electronics, DAQ, Offline
 - ⊙ Infrastructure, magnet and machine-detector interface
 - ⊙ Management and collaboration

DPAP Report, in short



- the ATHENA detector confirmed as capable of delivering the entire EIC physics scope
- Nevertheless, on the basis of cost and risks, the recommendations are:
 - The panel unanimously recommends ECCE as Detector 1. ...
 - The panel supports the case for a second EIC detector, however, given the current funding and available resources, the committee finds that a decision on Detector 2 should be delayed until the resources and schedule for the Project detector (Detector 1) are more fully realized.

2nd IR at DPAP close-out



- The 2nd IR relevance confirmed
 - in the DPAP report
 - In the short talk by Tim Hallman

- Also confirmed the time staggering: second detector some years after detector 1

DPAP Report, written version



- A draft has been distributed to the collaboration representatives
- With EB, we are taking care of checking for factual corrections if needed
- *The final version available within a few days*

Next steps

- Understanding the path that the Project management will indicate
- Project calendar (from Bob McKeon at the DPAP close-out)

Next Steps

- Laboratories, EIC Project, Proto-collaborations, User Community – carefully review DPAP report
- Meetings with each Proto-collaboration shortly after the closeout
 - Lab management, EIC Project reps
 - Opportunity for questions, discussions
- Fact check of the DPAP report before the report is finalized (~mid March)
- Subsequent meeting(s) with the three Proto-collaborations together as needed
- Priority goal is to establish collaboration for project detector
- Consider opportunities for pursuing detector 2
- Report progress, assessment, further discussions at next EICUG quarterly meeting, March 31, 2022

ATHENA next appointments



Please, take good note:

- ATHENA collaboration meeting, standard format, on **March 24**
- Athena IB meeting on **March 17**