

# Update on Transition Process and future plans

ATHENA Collaboration meeting  
March 24<sup>th</sup>, 2022

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- Now **finalized**
  - Made available at <https://www.bnl.gov/dpapanelmeeting/>
- ATHENA sent request of correction of factual errors
  - The majority of our request have been rejected
  - Of interest, this new sentence added to the text:

**“ The managements and collaborations of both ATHENA and ECCE are capable of becoming a solid basis for the full development and implementation of a successful Detector 1. On balance, the Panel finds that the more flexible organizational structure and outlook of ECCE puts it in a better position to become the organizational basis for Detector 1. As noted, the proto-collaborations are not yet at the strength necessary to prepare a detector for Day 1 of the EIC. Consequently, successful collaboration on Detector 1 by members of all three proto-collaborations will be critical for the EIC.”**

# Moving towards the future of Detector-1

- Calendar of events after DPAP close-out
  - 3/10 the previous ATHENA bi-weekly meeting
  - 3/11 a DPAP closeout followup meeting
  - 3/17 ATHENA IB meeting (report from Ernst later today)
    - *Before all other following meetings!*
  - 3/20 first ECCE-ATHENA-Project meeting
  - 3/22 first informal ECCE-ATHENA meeting
  - 3/24 second ECCE-ATHENA-Project meeting

Highlights of all this activity in the following slides →

guidelines of moving to the next phase emerging

# DPAP closeout follow-up meeting

- Organized by the management of the Project and the Labs
  - They have met the 3 proto-collaborations in 3 separate meetings
  - Meeting with ATHENA on 3/11
  - Also Tim Hallman from DOE attended and contributed
- ATHENA represented by
  - The SP-team: Silvia Dalla Torre, Bernd Surov
  - The IB chair: Ernst Sichtermann
  - An ATHENA EB member: Thomas Ullrich
  - An international collaborators: Paul Newman

# DPAP closeout follow-up meeting, cont.

- **Athena shortly reported about** (*presentation shared between Silvia and Bernd*):
  - DPAP close-out, **reactions** from the ATHENA Collaboration
    - ⦿ Main: concern about tone and recommendations, no welcome for further engagement
  - DPAP report, **why concerns and disappointment** within ATHENA
  - **ATHENA values** within the EIC project
    - ⦿ A short summary of the collaboration strength and scientific merits
  - **ATHENA thoughts about the next steps**
    - ⦿ Main:
      - ❖ the need of the foundation of a new collaboration to have also ATHENA filling at home
      - ❖ The request that the correctness of the process in this direction is guaranteed by the Project and Lab Managements

# DPAP closeout follow-up meeting, cont.

## 2 major contributions to the discussion

- *Tim Hallman:*

- He understands the ATHENA reactions
- Athena can make a negative choice or, as it seems, a constructive one
- “without ATHENA, EIC project will collapse”
- terms and conditions suggested by ATHENA already mentioned in the discussion with ECCE
- terms and conditions suggested by ATHENA are reasonable
- DOE had posed no constrain to DPAP
- His comments about the Report: the panel was struggling, the risk consideration resulted in the DPAP recommendations
- After detector 1 is successfully on the way, the second detector can be included in the project (extending the project) 2 years later
  - In practice 18 months to CD2 + 2 years

- *Elke (also see Project management talk at this meeting):*

- vital for the project to have everyone engaged
- some time needed to bring the collaborations together, she estimates 3-6 months
- For this end, during the formation period
  - combined leadership
  - combined WG conveners with small workshops
- Global detector integration aspects will also be considered (support from DAC)
- In parallel, structuring for the collaboration, then new elections

# An anticipation about the IB meeting



- The DPAP closeout followup meeting was a clear and warm invitation to ATHENA to collaborate in view of Detector 1
  - Project management has promised to create the conditions for an enlarged collaboration where everyone fills at home
- ATHENA was created to produce the ATHENA Proposal and pursue the ATHENA detector
- Therefore, can the ATHENA management represent the collaboration in the new phase in front of us ?
- At the IB meeting, we have posed the question to this Collaboration Governing Board
- The result was consensus to move in this direction
- It is on the basis of this consensus that we attended the following meetings

# Meeting ECCE-ATHENA (& Project)

- A detailed report of each single meeting would be boring and confusing
- *In the following, **the emerging picture***
  - *Please, take into account that the process is on-going and some aspects can still evolve with details at variance with the present report*
- Moving towards a **novel enlarged collaboration**
  - ⦿ *The process can take 3-6 months (as anticipated by Elke)*
  - ⦿ *In the formation period, the combined ECCE & ATHENA managements form the **Steering Committee***
  - ⦿ *About the structure of the enlarged collaboration, a **charter or by-law** will be drafted and, when mature, approved by the enlarged IB*



# Meeting ECCE-ATHENA (& Project)

## ➤ **Detector optimization**

- *First step; a set of **mini-workshops**, focusing on different subdetectors*
  
- co-organized, in a joint way, by the colleagues who acted as conveners in ATHENA and ECCE
  - Everyone with interest in the field is supposed to attend and contribute.
    - ⦿ Later, the mini-workshops will evolve in novel joint WGs.
  
- The charge for the mini-workshops:
  - The technical options assumed in each proposals must be presented in detail, including motivations for the choices.
  - Have also possible alternative or potential upgrades presented.
  - Make sure that there is enough time for discussion.
  - Keep the atmosphere kind and friendly.

# Meeting ECCE-ATHENA (& Project)



- A first opportunity to work together in the enlarged collaboration
  - A “**DETECTOR-1 meeting**”
  - Tentative date, to be confirmed: Thursday 4/28