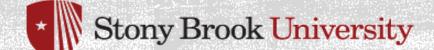
TIC MEETING COMMUNICATIONS

- Klaus Dehmelt
- Technical and Integration Council Meeting
- o May-22-2023







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REVIEWS REVIEWS REVIEWS

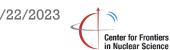
- EIC Project ePIC Engineering Workshop May 10-12, 2023, at BNL/Zoom
- ElC Cost Review-June 20-29, 2020
- EIC AB Meeting- June 29, 2023, virtual
- Preliminary Design Status Review ePIC PID detectors 5&6 or 6&7 of July → 3 reviewers confirmed by now
- PAC Meeting-TBD-Summer 2023
- MAC Meeting-TBD Summer/Fall 2023
- DAC Meeting(s)-TBD Late Summer/Fall 2023 → detector R&D (2 days) and technical design review of entire ePIC detector (2 days)
- September FDRs for LLPs of Detector
- 90% Design Review Solenoid October 5&6
- EIC CD-3A Director's Review- October 10-12, 2023, at BNL
- EIC CD-3A OPA Review-November 14-16, 2023, at BNL
- RRB Meetings

December 7-8, 2023, at SURA April 2024 tentative for Europe/Italy









DOE OPA Status Review
 October 19-21, 2021(A)

• FPD Status Update at BNL June 28, 29, 30 2022(A)

Technical, Cost, and Schedule Scrutiny Meeting
 July – Sept 2022 (A)

Project, Detector & Infrastructure Advisory Meeting
 October 2022(A)

DOE OPA Status Review
 Jan. 31-Feb 2, 2023(A)

Project Advisory Meeting
 February 22, 23 2023(A)

Infrastructure Advisory Meeting
 March 22, 23 2023(A)

• 1st RRB Meeting April 4,5 2023 (A)

Begin LLP EVMS (practice 3 months data)

CD-3A Director's Review (Co-Chaired by M. Reichanadter / S. Cousineau)
 October 10-12, 2023

DOE CD 3A OPA Review
 November 2023

DOE CD 3A ESAAB Approval January 2024

Final Design Reviews for all ePIC subsystems
 April – October 2024

DOE CD 2/3 OPA Review and ICR
 January 2025 (TBC)

DOE CD 2/3 ESAAB Approval
 April 2025

The project Machine and Detector Advisory Committees will perform design assessments in Late Summer.



July 2023

DOE OPA Status Review
 October 19-21, 2021(A)

FPD Status Update at BNL
 June 28, 29, 30 2022(A)

Technical, Cost, and Schedule Scrutiny Meeting

Project, Detector & Infrastructure Advisory Meeting
 October 2022(A)

DOE OPA Status Review
 Jan. 31-Feb 2, 2023(A)

Project Advisory Meeting
 February 22, 23 2023(A)

Need to get DSC efforts into WBS structure

Begin LLP EVMS (practice 3 months data)

CD-3A Director's Review (Co-Chaired by M. Reichanadter / S. Cousineau)

DOE CD 3A OPA Review

DOE CD 3A ESAAB Approval

Final Design Reviews for all ePIC subsystems

DOE CD 2/3 OPA Review and ICR

DOE CD 2/3 ESAAB Approval

October 10-12, 2023

July - Sept 2022 (A)

November 2023

July 2023

January 2024

April - October 2024

January 2025 (TBC)

April 2025

The project Machine and Detector Advisory Committees will perform design assessments in Late Summer.





TODAY/FUTURE TIC MEETINGS



TIC meeting



Klaus Dehmelt (Stony Brook University)

Description Technical and Integration Council Meeting

Join Zoom Meeting

https://stonybrook.zoom.us/j/96800873830?pwd=M1lyTTJFNnVRMmUxaUprWU5VNi9Ydz09

Meeting ID: 968 0087 3830

Passcode: 915271

 \rightarrow 9:10 AM Communication

10:50 AM → 11:00 AM AOB

Speaker: Klaus Dehmelt (Stony Brook University)

9:10 AM → 10:00 AM Engineering Support

Speakers: Rahul Sharma (BNL), Roland Wimmer

10:00 AM → 10:50 AM PID DSC - Integration Status

Speakers: Alexander Kiselev (BNL), Grzegorz Kalicy (CUA), Marco Contalbrigo (INFN Ferrara), Zhenyu Ye (University of Illinois at Chicago)

Speaker: Klaus Dehmelt (Stony Brook University)









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TODAY/FUTURE TIC MEETINGS



- Cross-Cutting Working Groups
 - o Tracking → Week 23
 - o bECal → Week 24







TODAY'S AGENDA



Integration status of PID DSC

- System integration with the overall ePIC design, i.e., what is the envelope occupied, is there possibly overlap with other subsystems, is the design consolidated, ...
- o Integration of services, i.e., readout, cooling, support structure, etc?
- Present technical design and implementation → fulfill the YR requirements?

Another question: what is the plan for maintenance of ePIC

- Open the backward-side and rotating the detector
- Open the forward-side and sliding the barrel out







