

BARREL IMAGING CALORIMETER: MEETINGS



JESSICA METCALFE

SUMMARY OF WEEKLY MEETINGS

Summary of new BIC meeting times:

- **Mondays 5 pm CT: Topical meetings**
 - Tuesdays 8 am CT: Weekly simulation meeting and ad-hoc topical meetings
 - Tuesdays 2 pm CT: Weekly simulation meeting
 - Wednesday 8 am CT: Weekly AstroPix meeting [non-BIC]
 - **Fridays 8 am CT: General meeting or topical meetings**
 - Fridays 4 pm CT: Weekly Argonne mechanical engineering meeting
- You can add all current and future BIC meetings to your calendar through the top level indicio by clicking on the calendar icon in the top right: <https://indico.bnl.gov/category/485/>
- You can also sign up for any EIC email list at lists.bnl.gov
- BIC: Epic-bemcal-I
- If you would like to join the AstroPix meetings, please send a request to Regina Caputo: regina.caputo@nasa.gov

LAST MONTH'S MEETINGS

Meeting schedule:

1.ESB (End-of-Sector Box): Monday 2/19@4:30pm - Box Interfaces

- Objective: Freeze interfaces at this meeting (or define path to freeze interfaces by 3/15)
- <https://indico.bnl.gov/event/22370/>

2.Modules: Monday 2/26@5:00pm - Module Design

- Objective: determine the general geometry & path to finalize the mechanical design by 3/11
- <https://indico.bnl.gov/event/22371/>

3.General Meeting: Friday 3/1@8:00am

- <https://indico.bnl.gov/event/22372/>

NEXT MONTH'S MEETINGS

4. Chips & Wafers: Friday 3/8@8:00am Wafer Testing

- Objective: Preliminary production QC wafer testing plan
- <https://indico.bnl.gov/event/22373/>

5. Modules/Mechanical: Monday 3/11@5:00pm Tray Mechanical Design

- Objective: Finalize module mechanical specifications
- <https://indico.bnl.gov/event/22376/>

6. ESB: Friday 3/15@8:00am SiPM Topical Meeting

- Objective: Review design concepts and freeze interface specifications
- <https://indico.bnl.gov/event/22377/>

7. Mechanical: Friday 3/22@8:00am Global Design

- Objective: Discuss strategies for rigidity and deformation. Decide on needed test articles and plan priorities
- <https://indico.bnl.gov/event/22378/>

UPCOMING WORKSHOPS

8. Mini-Workshop @Virtual Friday 3/29@8am-12pm Central

- General meeting
- Review all interface specifications
- Review CAD interface drawings and specification documents
 - Global BIC mechanics
 - EOSB (end of sector box)
 - Module
 - Wafer QC
- Updates
 - AstroPix
 - Coverage physics simulation
 - SiPM selection
- Discuss near-term PED phase plans
- **Objective: Freeze specifications for Revision 1**
 - Review designs at the May workshop
- <https://indico.bnl.gov/event/22516/>

UPCOMING WORKSHOPS

In-person Workshop @ANL → May 14-17 (Tu-Fr (noon))

- <https://indico.bnl.gov/event/22517/>
- Objective: preliminary designs of all major components for review
 - Discuss any needed changes in specification (Rev2)
- Please start your travel plans! We hope to see everyone there.

BACKUP

USA

Argonne National Laboratory



NASA Goddard Space Flight Center



Oklahoma State University



University of Connecticut



University of California Santa Cruz



Canada

University of Manitoba



University of Manitoba

University of Regina



University of Regina

Mount Allison University



NSERC



NSERC CRSNG

Canada Fund for Innovation



Thank You

Korea

Kyungpook National University



Yonsei University



University of Seoul



Pusan National University



Korea University



Sungkyunkwan University



Hanyang University



Gangneung-Wonju National University



Germany

Karlsruhe Institute of Technology



University of Giessen



ePIC BIC Detector Subsystem Collaboration

AstroPix Collaboration:

Hiroshima University



Nagoya University

