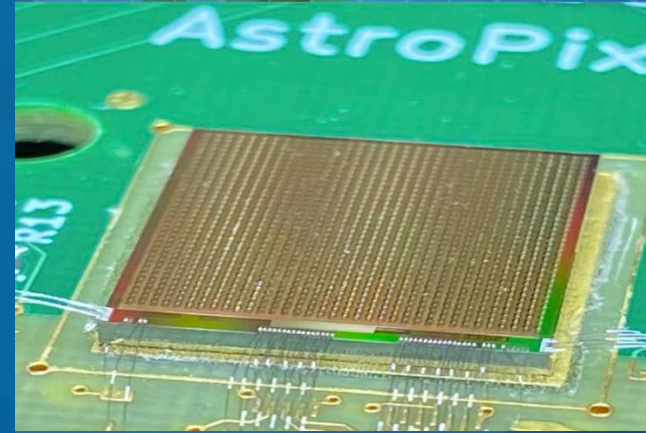


*The ePIC Barrel Imaging Calorimeter*

# Barrel Imaging Calorimeter News

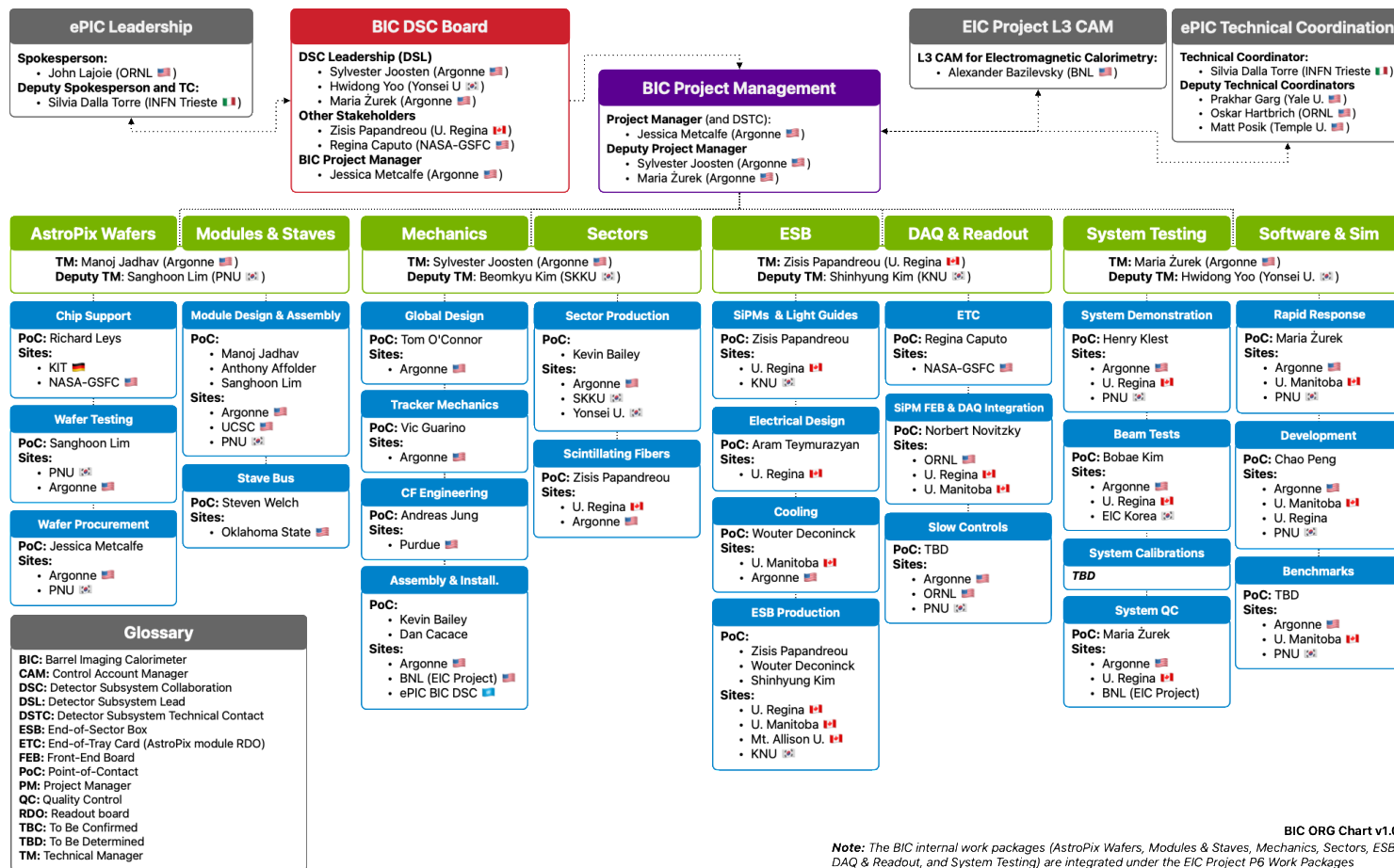


Jessica Metcalfe, Maria Zurek, Sylvester Joosten  
Argonne National Laboratory

**BIC General Meeting**  
February 14, 2025



# Organization Chart



BIC ORG Chart v1.0

Note: The BIC internal work packages (AstroPix Wafers, Modules & Staves, Mechanics, Sectors, ESB, DAQ & Readout, and System Testing) are integrated under the EIC Project P6 Work Packages

# BIC Meeting Schedule



## Green Team or Technical Area Meetings:

### Wafers: Manoj

- Mondays at 4 pm Central—bi-weekly

### Modules & Staves: Manoj

- Mondays at 4 pm Central—bi-weekly

### Mechanics & Sectors: Sylvester

- Fridays at 1 pm Central

### ESB, DAQ, & Readout: Zisis

- Tuesday at 8 am Central—bi-weekly

### System Test: Maria

- Tuesday at 8 am Central—bi-weekly

### Simulations: Maria

- Tuesdays at 2 pm Central

## BIC General Meeting:

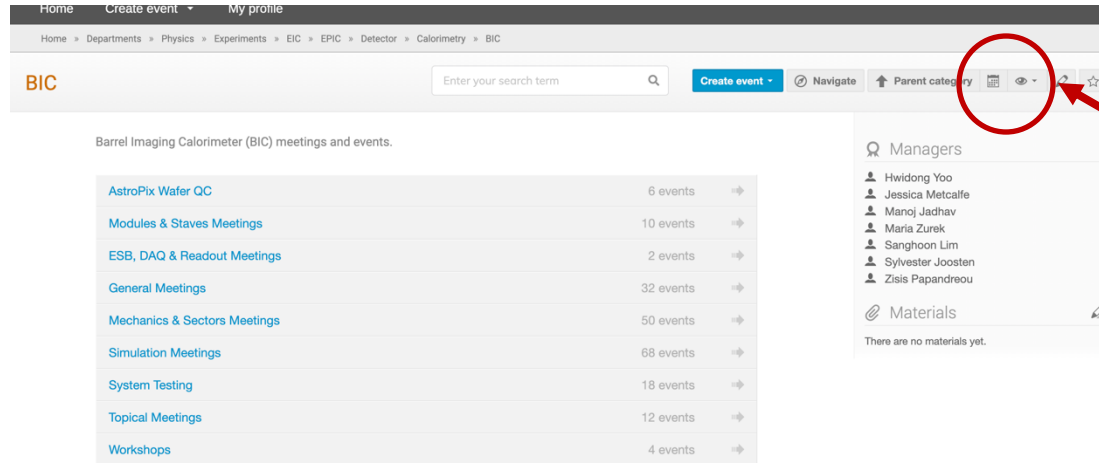
- ~Monthly
- Fridays at 8 am Central
- Organized by Jessica, Maria, Sylvester

### Weekly Summary:

1. Mondays @ 4pm
2. Tuesdays @ 8am
3. Tuesdays @ 2pm
4. Fridays @ 1pm

# BIC Meeting Schedule

- Indico link
- All meetings can be found on indico
- You can add the meetings to your calendar
  - All of the BIC meetings from the BIC category
  - Or some by going to a sub-category and using the calendar link on that page



The screenshot shows the BIC Indico page. The top navigation bar includes links for Home, Create event, and My profile. Below this is a breadcrumb trail: Home » Departments » Physics » Experiments » EIC » ePIC » Detector » Calorimetry » BIC. The main content area is titled "Barrel Imaging Calorimeter (BIC) meetings and events." and contains a table of meeting categories. The sidebar on the right lists "Managers" and "Materials". A red circle highlights the calendar icon in the top right corner of the page, with a red arrow pointing to it from the text on the right.

Category	Events
<a href="#">AstroPix Wafer QC</a>	6 events
<a href="#">Modules &amp; Staves Meetings</a>	10 events
<a href="#">ESB, DAQ &amp; Readout Meetings</a>	2 events
<a href="#">General Meetings</a>	32 events
<a href="#">Mechanics &amp; Sectors Meetings</a>	50 events
<a href="#">Simulation Meetings</a>	68 events
<a href="#">System Testing</a>	18 events
<a href="#">Topical Meetings</a>	12 events
<a href="#">Workshops</a>	4 events

Calendar link to add (past) future meetings → automatically updates your calendar as new meetings are added

# BIC In-person workshop April



Next In-person Workshop at Argonne: April 9 – 11

- Registration
  - Indico registration
  - ANL badge registration by March 28th

## 4th BIC In-person Workshop

Apr 9 – 11, 2025  
Building 241  
US/Central timezone

Overview

Timetable

Contribution List

My Conference

My Contributions

Registration

Participant List

Code of Conduct

Venue


Accommodation


Transportation



Things to do around Argonne


The fourth in-person workshop for the ePIC Barrel Imaging Calorimeter is aimed towards completing our PED milestones and preparing for the Preliminary Design Review expected in August 2025. Registration is now open (see sidebar).


Note that you need to register separately for Argonne site access. Please fill out the following form by **March 26th** to ensure smooth processing: [Badge Site Access Registration Form](#).

**Starts** Apr 9, 2025, 8:30 AM  
**Ends** Apr 11, 2025, 12:00 PM  
US/Central

Building 241  
D172

Map\_ATLAS\_ITkPixel\_Workshop\_April2025... 

**Registration**  
You are registered for this event.

11 [See details >](#)

# BIC In-person workshop April



Next In-person Workshop at Argonne: April 9 – 11: *Preliminary* Agenda

## Wednesday

	<b>Welcome Coffee/Tea</b>	
	D172, Building 241	08:30 - 09:00
09:00	<b>BIC Progress and Plans Overview</b>	Jessica Metcalfe
	D172, Building 241	09:00 - 09:40
	<b>Wafers, Modules, &amp; Staves</b>	Manoj Jadhav
	D172, Building 241	09:40 - 10:10
10:00	<b>Break</b>	
	D172, Building 241	10:10 - 10:30
	<b>Mechanics &amp; Sectors</b>	Sylvester Joosten
	D172, Building 241	10:30 - 11:00
11:00	<b>ESB &amp; DAQ</b>	Zisis Papandreou
	D172, Building 241	11:00 - 11:30
	<b>System Test (&amp; Simulations)</b>	Maria Zurek
	D172, Building 241	11:30 - 12:00
12:00	<b>Lunch</b>	
	D172, Building 241	12:00 - 13:30
13:00	<b>Global Design</b>	
	D172, Building 241	13:30 - 13:50
14:00	<b>Test Articles</b>	
	D172, Building 241	13:50 - 14:10
	<b>Fiber testing</b>	
	D172, Building 241	14:10 - 14:30
	<b>PDR and future plans</b>	
	D172, Building 241	14:30 - 14:50
15:00	<b>Break</b>	
	D172, Building 241	15:00 - 15:30
	<b>Module/Stave Design</b>	Manoj Jadhav
	D172, Building 241	15:30 - 15:50
16:00	<b>AstroPix</b>	Blake Beauchamp
	D172, Building 241	15:50 - 16:10
	<b>Wire bond map, wire bondability</b>	
	D172, Building 241	16:10 - 16:30
	<b>9-chip PCB testing</b>	
	D172, Building 241	16:30 - 16:50
17:00	<b>Discussion: PDR and future plans</b>	
	D172, Building 241	16:50 - 17:10

## Thursday

09:00	<b>AstroPix v5 Design Overview</b>	Nicolas Striebig
	D172, Building 241	09:00 - 09:20
	<b>Wafer/Chip Testing Progress &amp; Plans</b>	Sanghoon Lim
	D172, Building 241	09:20 - 09:40
	<b>Discussion: Wafer production testing, review plans (chip vs wafer)</b>	
	D172, Building 241	09:40 - 10:10
10:00	<b>Break</b>	
	D172, Building 241	10:10 - 10:40
	<b>AstroPix Overall Plans and Schedule (NASA, ComPair, AMEGO-X)</b>	Regina Caputo
	D172, Building 241	10:40 - 11:00
11:00	<b>AstroPix testing results</b>	
	D172, Building 241	11:00 - 11:20
	<b>Discussion: AstroPix PDR and future plans</b>	
	D172, Building 241	11:20 - 11:40
12:00	<b>Lunch</b>	
	D172, Building 241	12:00 - 13:30
13:00	<b>ESB Design</b>	
	D172, Building 241	13:30 - 13:50
	<b>ESB Cooling</b>	
	D172, Building 241	13:50 - 14:00
14:00	<b>ETC Design Interfaces</b>	
	D172, Building 241	14:00 - 14:20
	<b>ESB Integration</b>	
	D172, Building 241	14:20 - 14:40
	<b>ESB &amp; DAQ PDR and future plans (deliverables)</b>	
	D172, Building 241	14:40 - 15:00
15:00	<b>Break</b>	
	D172, Building 241	15:00 - 15:30
	<b>System Testing: R&amp;D Program Accomplishments</b>	Bobae Kim
	D172, Building 241	15:30 - 15:55
16:00	<b>Beam Tests: Accomplishments from FNAL Beam Test FY24</b>	Henry Klotz
	D172, Building 241	15:55 - 16:15
	<b>Beam Tests: KEK and CERN Tests Accomplishments</b>	
	D172, Building 241	16:15 - 16:35
	<b>System Testing PDR and future plans (deliverables)</b>	Maria Zurek
	D172, Building 241	16:35 - 16:55

## Friday

09:00	<b>BIC Reconstruction Overview and Recent Updates</b>	Minho Kim
	D172, Building 241	09:00 - 09:20
	<b>AIML Reconstruction for BIC</b>	
	D172, Building 241	09:20 - 09:40
	<b>PDR Deliverables</b>	
	D172, Building 241	09:40 - 09:55
10:00	<b>Interface Document Review</b>	
	D172, Building 241	10:00 - 11:00
11:00	<b>Break</b>	
	D172, Building 241	11:00 - 11:20
	<b>Schedule and Deliverable Discussion &amp; Closeout</b>	
	D172, Building 241	11:20 - 12:00
12:00		

