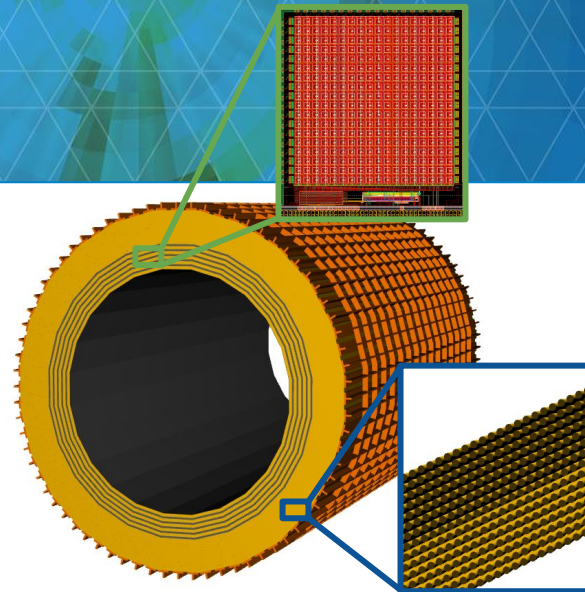


Barrel Imaging Calorimeter Meeting,  
August 29, 2023

# Barrel Imaging Calorimeter Updates



**Maria Žurek**  
PHY, Argonne National Laboratory

# EIC Project R&D Review

EIC Project R&D Meeting (Aug 2023)		
28 Aug 2023, 07:00 → 31 Aug 2023, 19:00 America/Chicago		
<b>Description:</b> OPEN/PLenary: DAC EIC Project R&D <a href="https://bitl.zoomgov.com/j/1603332541?pwd=TD40dSjZwTUM3UkVWZjpwW9REKzZ09">https://bitl.zoomgov.com/j/1603332541?pwd=TD40dSjZwTUM3UkVWZjpwW9REKzZ09</a> Meeting ID: 160 933 2541 Passcode: 892239 <div> <a href="#">DAC.RandD_review...</a> <a href="#">DAC.RandD_review...</a> </div>		
<b>MONDAY, 28 AUGUST</b>		
<b>08:30</b>	→ 08:30	<b>Welcome of DAC and Discussion (Closed Session)</b> <span>🕒 30m</span>
DAC Executive Session ZOOM <a href="https://bitl.zoomgov.com/j/1614101661?pwd=enR3L2c3R3NDVvQzYwZWVxOEtGQTU0TQ">https://bitl.zoomgov.com/j/1614101661?pwd=enR3L2c3R3NDVvQzYwZWVxOEtGQTU0TQ</a> Meeting ID: 161 410 1661 Passcode: 152315 <b>Speaker:</b> Edward Kinney ( <i>University of Colorado</i> )		
<b>08:30</b>	→ 09:10	<b>eRD104/eRD111/eRD113: SI Tracker/MAPS/Serv. Reduction</b> <span>🕒 40m</span>
Status & Proposal (30 mins) Discussion (10 min) <b>Speakers:</b> Ernst Stichtermann ( <i>Lawrence Berkeley National Laboratory</i> ) <div> <a href="#">SVTH42.pdf</a> </div>		
<b>09:10</b>	→ 09:40	<b>eRD108: MPGDs</b> <span>🕒 30m</span>
Status & Proposal (20mins) Discussion (10mins) <b>Speakers:</b> Francesco Bossu ( <i>CERN Saclay</i> ), Matt Posik ( <i>Temple University</i> ) <div> <a href="#">eRD108_proposalFY...</a> </div>		
<b>09:40</b>	→ 10:00	<b>Break</b> <span>🕒 20m</span>
<b>10:00</b>	→ 10:15	<b>eRD105: SciGlass</b> <span>🕒 15m</span>
Status (10mins) Discussion (5mins) <b>Speaker:</b> Joshua Crafts ( <i>jcrafts@slac.org member@slac.org</i> ) <div> <a href="#">Sci Glass for EIC DA...</a> </div>		
<b>10:15</b>	→ 10:30	<b>eRD106: Fed EMCAL</b> <span>🕒 15m</span>
Status (10mins) Discussion (5mins) <b>Speaker:</b> cleg tsai ( <i>cstai</i> ) <div> <a href="#">eRD106_res_comp...</a> </div>		
<b>10:30</b>	→ 11:00	<b>eRD107: Fed HCAL</b> <span>🕒 30m</span>
Status & Proposal (20mins) Discussion (10mins) <b>Speakers:</b> Cristoforo Bock ( <i>cern.ch</i> )		

Talk:  
[https://indico.bnl.gov/event/20113/contributions/78861/attachments/49401/84316/eRD115\\_ImagingCal.pdf](https://indico.bnl.gov/event/20113/contributions/78861/attachments/49401/84316/eRD115_ImagingCal.pdf)

Indico:  
<https://indico.bnl.gov/event/20113/>

Proposal:  
[https://wiki.bnl.gov/conferences/images/4/4e/EICProjectRD\\_FY24\\_ImagingBarrelCalorimeter.pdf](https://wiki.bnl.gov/conferences/images/4/4e/EICProjectRD_FY24_ImagingBarrelCalorimeter.pdf)

# Collaboration Meeting

**January 9-13, 2024** (Tue - Sat) - Argonne National Laboratory!

Advanced Photon Source Conference Center

DSC Meetings Planned as Parallel Sessions

Please plan for the Barrel Imaging ECal Meeting



# CD-3a Detector Design DAC review

EIC Detector Comprehensive Design Review  
August 29-30, 2023 via Zoom

Tuesday, August 29, 2023

CLOSED SESSION

ET	WBS	Topic	Presenter	Duration (Min)
9:00-9:30		Executive Session	DAC members	30

PLENARY SESSION

ET	WBS	Topic	Presenter	Duration (Min)
9:30-10:00		Project Overview	Jim Yeck	30
10:00-10:45	6.10.01	Detector Overview and Requirements	Elke Aschenauer/ Rolf Ent	45
10:45-11:00	6.10.01	Requirements and Interfaces Flow	Walt Akers	15
11:00-11:45	6.10.01/6.10.10	CAD status & Infrastructure, Integration and Installation	Roland Wimmer/ Rahul Sharma	45
11:45-12:00	6.10.02	Detector R&D Status and Milestones	Thomas Ullrich	15
12:00-12:30		Vacuum, Backgrounds, Machine-Detector Interface	Elke Aschenauer	30
12:00 – 13:00		Break		30
13:00-13:30	6.10.07	Magnet	Renuka Rajput-Ghoshal	30
13:30-14:00	6.10.03	Tracking Detectors	Brian Eng	30
14:00-14:30	6.10.04	Particle Identification Detectors	Benedikt Zihlmann	30
14:30-15:30		Executive Session	DAC members	60
15:30		Adjourn		

CLOSED SESSION

ET	WBS	Topic	Presenter	Duration (Min)
14:30-15:30		Executive Session	DAC members	30

Wednesday August 30, 2023

PLENARY SESSION

ET	WBS	Topic	Presenter	Duration (Min)
9:00-9:30	6.10.05	Electromagnetic Calorimetry	Alexander Bazilevsky	30
9:30-10:00	6.10.06	Hadronic Calorimetry	Alexander Kiselev	30
10:00-10:30	6.10.11	Interaction Region integration and Ancillary Detectors	Yulia Furlitova	30
10:30-11:00	6.10.14	Polarimetry	Oleg Eyser/ Dave Gaskell	30
11:00-11:30	6.10.08	Electronics	Fernando Barbosa	30
11:30-12:00	6.10.09	DAQ and Scientific Computing	David Abbott/ Jeff Landgraf	30
12:00-12:15	6.10.12	Pre-Ops planning	Elke Aschenauer/ Rolf Ent	15
12:15-12:45		Break		30
12:45-15:00		Executive Session		135
15:00-15:30		Closeout		30
15:30		Adjourn		

CLOSED SESSION

ET	WBS	Topic	Presenter	Duration (Min)
12:45-15:00		Executive Session	DAC members	30

# General Review Timeline

August 28: DAC Review of Detector R&D - Imaging BECal Proposal for FY24

August 29-30: DOE CD-3A Design Review by DAC - See the previous slide

August TBD: CD-3a SiPM Review

September 13-15 (1 day, TBD): CD-3a Fiber Review

October 10-12: DOE CD-3A Director's Review

November 14-16: DOE CD-3A Independent Project Review