

EIC CD-3A Director's Review
October 10-12, 2023 at Brookhaven National Laboratory

time zone
EST

Final Agenda

Plenary

Building 510, Auditorium

Day 1

Tuesday, October 10, 2023

[Click here for Plenary Session](#)

start - finish	Title	Speaker	duration/min
8:00 AM - 9:00 AM	Full Executive Session (Click for zoom) Bldg 515 ITD Seminar Room	S. Cousineau/M. Reichenadter	60
9:00 AM - 9:05 AM	Welcome	J. Hewett/S. Henderson	5
9:05 AM - 9:50 AM	Project Overview & CDs Strategy	J. Yeck	45
9:50 AM - 10:30 AM	Project Management Overview and CD-3A Package	L. Lari	40
10:30 AM - 10:45 AM	<i>Break</i>		15
10:45 AM - 11:15 AM	Technical Design Process & Maturity CD-3A	K. Smith	30
11:15 AM - 11:45 AM	Performance Baseline Planning for CD-3A	C. Lavelle	30
11:45 AM - 12:30 PM	Accelerator Status	F. Willeke	45
12:30 PM - 12:45 PM	<i>Group Photo</i>	All	15
12:45 PM - 1:30 PM	<i>Lunch</i>	All	45
1:30 PM - 2:00 PM	Detector Status	R. Ent/ E. Aschenauer	30
2:00 PM - 2:25 PM	Infrastructure Status	C. Folz	25
2:25 PM - 2:50 PM	Environmental, Safety, and Health	C. Schaefer/W. Rainey	25
2:50 PM - 3:15 PM	Quality Assurance/Control	C. Porretto/J. Harris	25
3:15 PM - 3:35 PM	Summary of Plenary & Discussion	J. Yeck	20
3:35 PM - 3:50 PM	<i>Break</i>		15
3:50 PM - 5:30 PM	Breakout Sessions	All	100
5:30 PM - 6:30 PM	Full Executive Session (Click for zoom) Bldg 515 ITD Seminar Room	S. Cousineau/M. Reichenadter	60
6:30 PM - 6:40 PM	Travel to Berkner	All	10
6:40 PM - 8:40 PM	Dinner at Berkner Hall	All	120

Day 2

Wednesday, October 11, 2023

Building 510, Auditorium

[Click here for Plenary Session](#)

start - finish	Title	Speaker	duration/min
8:30 AM - 9:30 AM	Responses to Questions	J. Fast	60
9:30 AM - 9:45 AM	Break	All	15
9:45 AM - 12:00 PM	Breakout Sessions	All	135
12:00 PM - 1:00 PM	<i>Lunch (varies slightly for each breakout)</i>	All	60
1:00 PM - 4:00 PM	Breakout Sessions	All	180
4:00 PM - 5:00 PM	Subcommittee Executive Sessions (varies slightly for each breakout)	SCs	60
5:00 PM - 6:00 PM	Full Executive Session (Click for zoom) Bldg 515 ITD Seminar Room	S. Cousineau/M. Reichenadter	60

Day 3

Thursday, October 12, 2023

Building 510, Auditorium

[Click here for Executive Sessions Zoom \(Closed\)](#)

[Click here for Closeout OPEN](#)

start - finish	Title	Speaker	duration/min
8:30 AM - 12:30 PM	Full Executive Session/ Report writing (with working lunch) Bldg 515 ITD Seminar Room	S. Cousineau/M. Reichenadter	240
12:30 PM - 1:30 PM	Closeout	All	60
1:30 PM - 2:30 PM	Optional tour	S. Cousineau/M. Reichenadter	60

Tuesday Breakout Agendas

Tuesday, October 10, 2023

Accelerator Design & Beam Dynamics (SC1) Parallel Session

Building 510, Room 2-160

[Click here for SC1 Accelerator Design & Beam Dynamics Zoom](#)

start - finish	Title	Speaker	duration/min
3:50 PM - 4:25 PM	Accelerator Design -Status and Plan to CD-2	C. Montag	35
4:25 PM - 5:00 PM	Accelerator Physics Challenges	M. Blaskiewicz	35
5:00 PM - 5:30 PM	<i>Q&A/Discussion</i>		30

Tuesday, October 10, 2023
Accelerator Systems (SC2) Parallel Session
Building 510, Auditorium
[Click here for SC2 Accelerator Systems Zoom](#)

start - finish	Title	Speaker	duration/min
3:50 PM - 4:20 PM	Accelerator Systems Integration	J. Tuozzolo	30
4:20 PM - 4:50 PM	Requirements and Interfaces	T. Russo	30
4:50 PM - 5:20 PM	Q&A/Discussion		30

Tuesday, October 10, 2023
Detector Systems (SC3) Parallel Session
Building 510, Small Seminar Room
[Click here for SC3 Detector Systems Zoom](#)

start - finish	Title	Speaker	duration/min
3:50 PM - 4:30 PM	Detector and ePIC Overview (CD-3a, WBS 6.10.01 & WBS 6.10.02)	R. Ent/ E. Aschenauer	40
4:30 PM - 4:50 PM	Detector Integration (CD-3a, WBS 6.10.10)	R. Sharma	20
4:50 PM - 5:20 PM	Q&A/Discussion		30

Tuesday, October 10, 2023
Infrastructure (SC4) Parallel Session
Building 510, Room 3-191
[Click here for SC4 Infrastructure Zoom](#)

start - finish	Title	Speaker	duration/min
3:50 PM - 4:30 PM	Unit Substations for CD-3A Technical Approach (Design, Spec/SoW, Justification, Risks)	T. Nehring	40
4:30 PM - 5:20 PM	Q&A/Discussion		50

Tuesday, October 10, 2023
ESHQ (SC5), Cost and Schedule (SC6) and Project Management (SC7) Parallel Session
Building 510, Room 2-219
[Click here for SC5 ESH, SC6 Cost & Schedule and SC7 Project Management Zoom](#)

start - finish	Title	Speaker	duration/min
3:50 PM - 4:20 PM	Risk and Contingency Analysis for CD-3A Package	I. Sourikova	30
4:20 PM - 4:50 PM	Procurement Process and Progress	S. Alexander/M. Laney	30
4:50 PM - 5:20 PM	Q&A/Discussion		30

Wednesday Breakout Agendas

Wednesday, October 11, 2023
Accelerator Design & Beam Dynamics (SC1) Parallel Session
Building 510, Room 2-160
[Click here for SC1 Accelerator Design & Beam Dynamics Zoom](#)
[Click here for Subcommittee Executive Session **CLOSED**](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:20 AM	Impedance and Collective Effects	A. Blednykh	35
10:20 AM - 10:55 AM	Beam-Beam Effects	D. Xu	35
10:55 AM - 11:35 AM	Hadron Cooling at Collisions	E. Wang	40
11:35 AM - 12:05 PM	Injection / Low Energy Cooling	S. Nagaitsev for A. Fedotov	30
12:05 PM - 1:05 PM	Lunch		60
1:05 PM - 1:40 PM	IR-Machine Detector Interface: Physics and Design Concept	A. Drees	35
1:40 PM - 2:15 PM	Beam Polarization (RCS and ESR)	V. Ranjbar	35
2:15 PM - 2:50 PM	Hadron Beam Dynamics and Polarization	V. Ptitsyn	35
2:50 PM - 3:25 PM	400 MeV Linac: Physics and Design Concept	E. Wang	35
3:25 PM - 3:40 PM	Break		15
3:40 PM - 4:10 PM	Q&A/Discussion		30
4:10 PM - 5:00 PM	Subcommittee Executive Session		50

Wednesday, October 11, 2023
Accelerator Systems (SC2) Parallel Session
Building 510, Auditorium
[Click here for SC2 Accelerator Systems Zoom](#)
[Click here for Subcommittee Executive Session **CLOSED**](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:25 AM	Superconducting Magnets (CD-3a, WBS 6.06.02.07)	H. Witte	40
10:25 AM - 11:05 AM	RF Systems (CD-3a, WBS 6.08.03.02)	E. Daly	40
11:05 AM - 11:45 AM	Cryogenics Systems (CD-3a, WBS 6.09.02.02)	T. Michalski	40
11:45 AM - 12:25 PM	Vacuum Systems (CD-3a, WBS 6.05.04.01)	C. Hetzel	40
12:25 PM - 1:25 PM	Lunch		60
1:25 PM - 2:05 PM	Instrumentation Systems (CD-3a, WBS 6.05.05.01)	D. Gassner	40
2:05 PM - 2:35 PM	Conventional Magnet Systems	G. Mahler	30
2:35 PM - 3:05 PM	Power Supply Systems	D. Bruno	30
3:05 PM - 3:35 PM	400 MeV Linac: Technical Systems	J. Skaritka	30

3:35 PM - 3:50 PM	Break	15
3:50 PM - 4:10 PM	Q&A/Discussion	20
4:10 PM - 5:00 PM	Subcommittee Executive Session	50

Wednesday, October 11, 2023
Detector (SC3) Parallel Session
Building 510, Small Seminar Room
[Click here for SC3 Detector Systems Zoom](#)
[Click here for Subcommittee Executive Session CLOSED](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:05 AM	Detector R&D	T. Ullrich	20
10:05 AM - 10:25 AM	Tracking	B. Eng	20
10:25 AM - 10:45 AM	Particle Identification	B. Zihlmann	20
10:45 AM - 11:10 AM	EM Calorimetry (CD-3a, WBS 6.10.05)	A. Bazilevsky	25
11:10 AM - 11:35 AM	Hadronic Calorimetry (CD-3a, WBS 6.10.06)	A. Kiselev	25
11:35 AM - 12:00 PM	Magnet (CD-3a, WBS 6.10.07)	R. Rajput-Ghoshal	25
12:00 PM - 1:00 PM	Lunch	All	60
1:00 PM - 1:25 PM	Far-Forward/Far-Backward	Y. Furletova	25
1:25 PM - 1:45 PM	Polarimetry	O. Eyser/D. Gaskell	20
1:45 PM - 2:05 PM	Electronics	F. Barbosa	20
2:05 PM - 2:25 PM	DAQ/Computing	D. Abbott /J. Landgraf	20
2:25 PM - 2:40 PM	Break		15
2:40 PM - 4:00 PM	Q&A/Discussion		80
4:00 PM - 5:00 PM	Subcommittee Executive Session		60

Wednesday, October 11, 2023
Infrastructure (SC4) Parallel Session
Building 510, Room 3-191
[Click here for SC4 Infrastructure Zoom](#)
[Click here for Subcommittee Executive Session CLOSED](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:15 AM	CD-3A Details of the Procurement	K. Kirkendall	30
10:15 AM - 10:45 AM	Conventional Facilities Status and Schedule	D. Nassar	30
10:45 AM - 11:15 AM	Electrical Power Distribution	R. Goggin	30
11:15 AM - 11:45 AM	Requirements/Systems Engineering	T. Vijaya Kumar/L. Strange	30
11:45 AM - 12:45 PM	Lunch		60
12:45 PM - 1:15 PM	Mechanical Cooling Systems	T. Vijaya Kumar	30
1:15 PM - 1:45 PM	Sustainability	C. Folz	30
1:45 PM - 2:00 PM	Break		15
2:00 PM - 3:45 PM	Q&A/Discussion		105
3:45 PM - 4:45 PM	Subcommittee Executive Session		60

Wednesday, October 11, 2023
Cost and Schedule (SC6) Parallel Session
Building 515, ITD Seminar Room
[Click here for SC6 Cost and Schedule Zoom](#)
[Click here for Subcommittee Executive Session CLOSED](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:15 AM	EVMS for CD-3A	K. Krug	30
10:15 AM - 10:45 AM	Status of P6/COBRA and BOE Tools	E. Golnar	30
10:45 AM - 11:00 AM	Break		15
11:00 AM - 12:00 PM	Drill Down #1	TBD	60
12:00 PM - 1:00 PM	Lunch		60
1:00 PM - 2:00 PM	Drill Down #2	TBD	60
2:00 PM - 3:00 PM	Drill Down #3	TBD	60
3:00 PM - 4:00 PM	Drill Down #4	TBD	60
4:00 PM - 5:00 PM	Subcommittee Executive Session	TBD	60

Wednesday, October 11, 2023
ESHQ (SC5) and Project Management (SC7) Parallel Session
Building 510, Orange Room
[Click here for SC5 and SC7 Project Management Zoom](#)
[Click here for Subcommittee Executive Session CLOSED](#)

start - finish	Title	Speaker	duration/min
9:45 AM - 10:30 AM	Discussion ESH&Q	J. Yeck	45
10:30 AM - 10:50 AM	Staff Planning	J. Yeck	20
10:50 AM - 11:30 AM	Interview with EIC Project Director	J. Yeck	40
11:30 AM - 11:45 AM	Break		15
11:45 AM - 12:15 PM	Interview with BNL Director	J. Hewett	30
12:15 PM - 12:45 PM	Interview with JLab Director	S. Henderson	30
12:45 PM - 1:45 PM	Lunch		60
1:45 PM - 4:45 PM	Q&A/Discussion (with break)	All	180
4:45 PM - 5:45 PM	Subcommittee Executive Session		60