

Final Agenda EIC CD-3A/Status Review

November 14-16 at Brookhaven National Laboratory

time zone
EST

Plenary Building 510, Auditorium Day 1

Tuesday, November 14, 2023

Click here for Plenary Session Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min
8:00 AM - 9:00 AM	Full Executive Session (Click for zoom, CLOSED)	K. Fisher	60
9:00 AM - 9:05 AM	Welcome	J. Hewett/S. Henderson	5
9:05 AM - 9:50 AM	Project Overview	J. Yeck	45 (35'+10')
9:50 AM - 10:30 AM	Project Management Overview / CD-3A LLP Package	L. Lari	40 (30'+10')
10:30 AM - 10:45 AM	Break & Group Photo (Bldg 510 Lounge)		15
10:45 AM - 11:25 AM	Accelerator Progress / CD-3A LLP	F. Willeke	40 (30'+10')
11:25 AM - 11:55 AM	Detector Progress / CD-3A LLP	R. Ent/ E. Aschenauer	30 (20'+10')
11:55 AM - 1:00 PM	Lunch (Berkner Hall)	All	65
1:00 PM - 1:25 PM	Infrastructure Progress / CD-3A LLP	C. Folz	25 (20'+5')
1:25 PM - 1:50 PM	Technical Design Process & Maturity	K. Smith	25 (20'+5')
1:50 PM - 2:15 PM	Performance Baseline Development	C. Lavelle	25 (20'+5')
2:15 PM - 2:40 PM	Environmental, Safety, and Health	C. Schaefer/W. Rainey	25 (20'+5')
2:40 PM - 2:50 PM	Summary of CD-3A Readiness and Discussion	J. Yeck	10
2:50 PM - 3:05 PM	Break (Bldg 510 Lounge)		15
3:05 PM - 4:30 PM	Breakout Sessions (see page 2)	All	85
4:30 PM - 6:00 PM	Full Executive Session (Bldg 515 Seminar Room, click here for zoom)	K. Fisher	90
6:00 PM - 6:10 PM	Travel to Berkner	All	10
6:10 PM - 8:10 PM	Dinner at Berkner Hall	All	120

Day 2

Wednesday, November 15, 2023

Building 510, Auditorium

Click here for Responses to Questions Zoom [OPEN](#)

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 (Bldg 510 Lounge)	All	15
9:45 AM - 12:00 PM	Breakout Sessions (see pages 3-4)	All	135
12:00 PM - 1:00 PM	Lunch (Berkner Hall, varies slightly for each breakout)	All	60
1:00 PM - 4:00 PM	Breakout Sessions (see pages 3-4)	All	180
4:00 PM - 5:00 PM	Subcommittee Executive Sessions (same rooms as breakouts, see pages 3-4)	SC Chairs	60
5:00 PM - 6:30 PM	Full Executive Session (Bldg 515 Seminar Room, click here for zoom)	K. Fisher	90

Day 3

Thursday, November 16, 2023

Building 510, Auditorium

Click here for Executive Sessions Zoom [CLOSED](#)
Click here for Closeout & Debrief Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min
8:30 AM - 11:00 AM	Subcommittee Executive Sessions/Report Writing (see pages 3-4)	SC Chairs	150
11:00 AM - 12:30 PM	Full Executive Session/ Dry Run with working lunch (Bldg 515 Seminar Room)	K. Fisher	90
12:30 PM - 1:30 PM	Closeout	All	60
1:30 PM - 2:30 PM	Optional Tour of RHIC 1002A & STAR (meet outside Bldg 510 Main Entrance)	E. Aschenauer/J. Tuozzolo	60
2:30 PM - 2:45 PM	Travel back from Tour		15
2:45 PM - 4:00 PM	Debrief for <i>EIC Team Only</i>	J. Yeck	75

Tuesday Breakout Agendas

Tuesday, November 14, 2023
**Accelerator R&D, Electron Injector, and Electron Storage Ring (SC1), Hadron Ring and Interaction Region (SC2),
Accelerator Systems (SC3) Parallel Session**
POCs: S. Nagaitsev, F. Willeke, K. Smith
Building 510, Auditorium
Click here for SC1, SC2, SC3 Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min	
3:05 PM - 3:40 PM	Accelerator Design	C. Montag	35	(25'+10')
3:40 PM - 4:15 PM	Accelerator Systems Integration	J. Tuozzolo	35	(25'+10')
4:15 PM - 4:30 PM	Q&A/Discussion		15	

Tuesday, November 14, 2023
Detector Systems (SC4) Parallel Session
POCs: R. Ent & E. Aschenauer
Building 510, Room 3-192
Click here for SC4 Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min	
3:05 PM - 3:45 PM	Detector and ePIC Overview (CD-3A, WBS 6.10.01 & WBS 6.10.02)	R. Ent/ E. Aschenauer	40	(30'+10')
3:45 PM - 4:05 PM	Detector Integration (CD-3A, WBS 6.10.10)	R. Sharma	20	(15'+5')
4:05 PM - 4:30 PM	Q&A/Discussion		25	

Tuesday, November 14, 2023
Infrastructure (SC5) Parallel Session
POC: C. Folz
Building 1005S, Black Hole Conference Room (4th Floor)
Click here for SC5 Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min	
3:05 PM - 3:45 PM	Unit Substations for CD-3A Technical Approach (Design, Spec/SoW, Justification, Risks)	T. Nehring	40	(30'+10')
3:45 PM - 4:00 PM	CD-3A Details of the Procurement	K. Kirkendall	15	(10'+5')
4:00 PM - 4:30 PM	Q&A/Discussion		30	

Tuesday, November 14, 2023
Cost and Schedule (SC6) and Project Management (SC7) Parallel Session
POCs: C. Lavelle & L. Lari
Building 515, ITD Seminar Room
Click here for SC6 & SC7 Zoom [OPEN](#)

start - finish	Title	Speaker	duration/min	
3:05 PM - 3:35 PM	Procurement Process and Readiness for CD-3A	S. Alexander/M. Laney	30	(20'+10')
3:35 PM - 4:05 PM	Risk and Contingency Analysis for CD-3A Package	I. Sourikova	30	(20'+10')
4:05 PM - 4:30 PM	Q&A/Discussion		25	

Wednesday Breakout Agendas

Wednesday, November 15, 2023
Accelerator R&D, Electron Injector, and Electron Storage Ring (SC1) Parallel Session
POC: S. Nagaitsev
Building 510, Room 2-160

Click here for SC1 Zoom [OPEN](#)
Click here for Subcommittee Executive Session Zoom [CLOSED](#)

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:15 AM	Path to Completion of R&D (WBS 6.02)	Q. Wu	30	(20'+10')
10:15 AM - 10:45 AM	High Intensity Beams (WBS 6.02)	A. Blednykh	30	(20'+10')
10:45 AM - 11:15 AM	Electron Injector Overview and RCS Progress (WBS 6.03)	V. Ranjbar	30	(20'+10')
11:15 AM - 11:45 AM	Electron Pre-Injector (WBS 6.02.03.01, WBS 6.03.04)	E. Wang	30	(20'+10')
11:45 AM - 12:45 PM	Lunch		60	
12:45 PM - 1:15 PM	ESR Progress (WBS 6.04)	C. Montag	30	(20'+10')
1:15 PM - 1:45 PM	NC Magnets (WBS 6.03 & 6.04)	G. Mahler	30	(20'+10')
1:45 PM - 2:15 PM	Power Supplies (WBS 6.03 & 6.04)	D. Bruno	30	(20'+10')
2:15 PM - 2:45 PM	Electron Vacuum Systems (WBS 6.03 & 6.04)	C. Hetzel	30	(20'+10')
2:45 PM - 3:00 PM	Break		15	
3:00 PM - 3:20 PM	Instrumentation (WBS 6.03 & 6.04)	D. Gassner	20	(15'+5')
3:20 PM - 4:00 PM	Q&A/Discussion		40	
4:00 PM - 5:00 PM	Subcommittee Executive Session		60	

Wednesday, November 15, 2023
Hadron Ring and Interaction Region (SC2) Parallel Session
POC: F. Willeke
Building 510, Auditorium

Click here for SC2 Zoom [OPEN](#)
Click here for Subcommittee Executive Session Zoom [CLOSED](#)

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:15 AM	HSR Progress (WBS 6.05)	V. Pitsyn	30	(20'+10')
10:15 AM - 10:45 AM	IR and Machine Detector Interface (WBS 6.06)	A. Drees	30	(20'+10')
10:45 AM - 11:15 AM	HSR Vacuum Systems Upgrade (CD-3A, WBS 6.05)	S. Verdu Andres/C. Hetzel	30	(20'+10')
11:15 AM - 11:45 AM	Superconducting Magnets (CD-3A, WBS 6.06)	H. Witte	30	(20'+10')
11:45 AM - 12:45 PM	Lunch		60	
12:45 PM - 1:15 PM	Instrumentation (CD-3A, WBS 6.05)	D. Gassner	30	(20'+10')
1:15 PM - 1:45 PM	Beam Beam Effects (WBS 6.02, relevant to WBS 6.05)	Y. Luo	30	(20'+10')
1:45 PM - 2:25 PM	Strong Hadron Cooling (WBS 6.05)	E. Wang	40	(30'+10')
2:25 PM - 2:55 PM	Pre-Cooling (WBS 6.05)	A. Fedotov	30	(20'+10')
2:55 PM - 3:10 PM	Break		15	
3:10 PM - 4:00 PM	Q&A/Discussion		50	
4:00 PM - 5:00 PM	Subcommittee Executive Session		60	

Wednesday, November 15, 2023
Accelerator Systems (SC3) Parallel Session
POC: K. Smith
Building 510, 2-219

Click here for SC3 Zoom [OPEN](#)
Click here for Subcommittee Executive Session [CLOSED](#)

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:15 AM	Overview of RF Systems (WBS 6.08)	E. Daly	30	(20'+10')
10:15 AM - 10:45 AM	NCRF Systems (WBS 6.08.05)	B. Xiao	30	(20'+10')
10:45 AM - 11:15 AM	SRF Systems (WBS 6.08.03, WBS 6.08.04)	J. Matalovich	30	(20'+10')
11:15 AM - 11:45 AM	First Article Single Cell Cryomodule Package (CD-3A, WBS 6.08.03.02)	Z. Conway	30	(20'+10')
11:45 AM - 1:00 PM	Lunch		75	
1:00 PM - 1:30 PM	Main Cryogenic Plant and 4K systems (WBS 6.09)	R. Than	30	(20'+10')
1:30 PM - 2:00 PM	2K Cryogenic Systems (CD-3A, WBS 6.09.02.02)	T. Michalski	30	(20'+10')
2:00 PM - 2:30 PM	Controls System (WBS 6.07.02)	J. Jamilkowski	30	(20'+10')
2:30 PM - 2:45 PM	Break		15	
2:45 PM - 4:00 PM	Q&A/Discussion		75	
4:00 PM - 5:00 PM	Subcommittee Executive Session		60	

Wednesday, November 15, 2023
Detector (SC4) Parallel Session
POCs: R. Ent & E. Aschenauer
Building 510, Room 3-192

Click here for SC4 Zoom [OPEN](#)
Click here for Subcommittee Executive Session [CLOSED](#)

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:05 AM	Detector R&D (WBS 6.10.02)	T. Ullrich	20	(15'+5')
10:05 AM - 10:25 AM	Tracking (WBS 6.10.03)	B. Eng	20	(15'+5')
10:25 AM - 10:45 AM	Particle Identification (WBS 6.10.04)	B. Zihlmann	20	(15'+5')
10:45 AM - 11:10 AM	EM Calorimetry (CD-3A, WBS 6.10.05)	A. Bazilevsky	25	(20'+5')
11:10 AM - 11:35 AM	Hadronic Calorimetry (CD-3A, WBS 6.10.06)	A. Kiselev	25	(20'+5')
11:35 AM - 12:00 PM	Magnet (CD-3A, WBS 6.10.07)	R. Rajput-Ghoshal	25	(20'+5')
12:00 PM - 1:00 PM	Lunch	All	60	
1:00 PM - 1:25 PM	Far-Forward/Far-Backward (WBS 6.10.11)	Y. Furlitova	25	(20'+5')
1:25 PM - 1:45 PM	Polarimetry (WBS 6.10.14)	O. Eyser/D. Gaskell	20	(15'+5')
1:45 PM - 2:05 PM	Electronics (WBS 6.10.08)	F. Barbosa	20	(15'+5')
2:05 PM - 2:25 PM	DAQ/Computing (WBS 6.10.09)	D. Abbott /J. Landgraf	20	(15'+5')
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, November 15, 2023
Infrastructure (SC5) Parallel Session
POC: C. Folz
Building 1005S, Black Hole Conference Room (4th Floor)
Click here for SC5 Zoom **OPEN**
Click here for Subcommittee Executive Session Zoom **CLOSED**

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:15 AM	Requirements/Systems Engineering	L. Strange	30	(20'+10')
10:15 AM - 10:45 AM	Electrical Power Distribution (WBS 6.11.03)	R. Goggin	30	(20'+10')
10:45 AM - 11:15 AM	Conventional Facilities Status and Schedule (WBS 6.11.02)	D. Nassar	30	(20'+10')
11:15 AM - 11:45 AM	Mechanical Cooling Systems (WBS 6.11.04)	T. Vijaya Kumar	30	(20'+10')
11:45 AM - 12:45 PM	Lunch		60	
12:45 PM - 1:05 PM	NYS Infrastructure Project at BNL	C. Folz	20	(20'+10')
1:05 PM - 4:00 PM	Q&A/Discussion (with break)		175	
4:00 PM - 5:00 PM	Subcommittee Executive Session		60	

Wednesday, November 15, 2023
Cost and Schedule (SC6) Parallel Session
POC: C. Lavelle
Building 515, ITD Seminar Room
Click here for SC6 Zoom **OPEN**
Click here for Subcommittee Executive Session Zoom **CLOSED**

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:15 AM	EVMS for CD-3A	K. Krug	30	(20'+10')
10:15 AM - 10:45 AM	Status of the Schedule and BOE Tools	E. Golnar	30	(20'+10')
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, November 15, 2023
Project Management (SC7) Parallel Session
POC: L. Lari
Building 515, 2-50
Click here for SC7 Zoom **OPEN**
Click here for Subcommittee Executive Session Zoom **CLOSED**

start - finish	Title	Speaker	duration/min	
9:45 AM - 10:10 AM	Quality Assurance/Control	C. Porretto/J. Harris	25	(20'+5')
10:45 AM - 11:05 AM	Staff Planning	J. Yeck	20	(15'+5')
11:05 AM - 11:35 AM	Interview with EIC Project Director	J. Yeck	30	
11:35 AM - 12:35 PM	Lunch		60	
12:35 PM - 1:05 PM	Interview with BNL Director	J. Hewett	30	
1:05 PM - 1:35 PM	Interview with JLab Director	S. Henderson	30	
1:35 PM - 2:05 PM	Interview with Project Manager	L. Lari	30	
2:05 PM - 2:35 PM	Interview with Associate Project Manager	J. Fast	30	
2:35 PM - 2:50 PM	Break		15	
2:50 PM - 4:00 PM	Q&A/Discussion	All	70	
4:00 PM - 5:00 PM	Subcommittee Executive Session		60	