

DOE/SC Independent Project Review of the LCLS-II-HE Project
March 22-25, 2022

PLENARY

Tuesday, March 22, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Executive Session	K. Fisher
8:00 AM	11:00 AM	4:00 PM	Welcome	Lab Directors
8:10 AM	11:10 AM	4:10 PM	LCLS Science	M. Dunne
8:30 AM	11:30 AM	4:30 PM	Project Overview	G. Hays
9:20 AM	12:20 PM	5:20 PM	Project Management	J. Fitzpatrick
9:45 AM	12:45 PM	5:45 PM	Path to CD-2/3	D. Fritz
10:15 AM	1:15 PM	6:15 PM	Break/Lunch	
10:35 AM	1:35 PM	6:35 PM	FEL Design Development	T. Raubenheimer
10:55 AM	1:55 PM	6:55 PM	Environmental Health & Safety	I. Evans
11:15 AM	2:15 PM	7:15 PM	FNAL STL	T. Arkan
11:30 AM	2:30 PM	7:30 PM	JLab STL	J. Hogan
11:45 AM	2:45 PM	7:45 PM	LBNL STL	D. Arbelaez
12:00 PM	3:00 PM	8:00 PM	Full Committee Executive Session	
1:00 PM	4:00 PM	9:00 PM	Adjourn	

Wednesday, March 23, 2022 and Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Subcommittee Breakout Sessions	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics

SC4 – Accelerator Systems

SC7 – Controls & Safety Systems

SC10 – ES&H/QA

SC2 – Cryomodules

SC5 – Undulators

SC8 – Infrastructure Systems

SC11 – Cost & Schedule

SC3 – Cryo Distribution System

SC6 – X-Ray Endstations

SC9 – Injector

SC12 – Project Management

BREAKOUT AGENDA

SC1- Accelerator Physics (Convener: T. Raubenheimer)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	LCLS-II-HE Layout and Challenges	T. Raubenheimer
7:15 AM	10:15 AM	3:15 PM	Low Emittance Injector	C. Adolphsen
7:45 AM	10:45 AM	3:45 PM	LEI Optimization and Simulations	F. Ji
8:15 AM	11:15 AM	4:15 PM	Linac S-2-E studies	J. Qiang
8:45 AM	11:45 AM	4:45 PM	FEL S-2-E simulations	D. Cesar
9:15 AM	12:15 PM	5:15 PM	RP Considerations	M. Santana
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	LCLS-II-HE Challenges and Documentation	T. Raubenheimer
7:30 AM	10:30 AM	3:30 PM	LCLS-II-HE Electron Optics	M. Woodley
8:00 AM	11:00 AM	4:00 PM	LCLS-II Commissioning and Plans	Y. Ding
8:30 AM	11:30 AM	4:30 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics

SC4 – Accelerator Systems

SC7 – Controls & Safety Systems

SC10 – ES&H/QA

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SC9 – Injector

SC12 – Project Management

BREAKOUT AGENDA

SC2 Cryomodules (Convener: J. Fuerst)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Cryogenic System Overview	J. Fuerst
7:30 AM	10:30 AM	3:30 PM	SLAC SOW	T. Hiatt
8:15 AM	11:15 AM	4:15 PM	JLab SOW	K. Wilson
8:45 AM	11:45 AM	4:45 PM	Break	
9:00 AM	12:00 PM	5:00 PM	FNAL SOW	J. Kaluzny
9:30 AM	12:30 PM	5:30 PM	Cavity Acceptance Testing	J. Maniscalco
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	vCM Performance	S. Posen
7:45 AM	10:45 AM	3:45 PM	CM Assembly - FNAL	B. Hartsell
8:15 AM	11:15 AM	4:15 PM	CM Assembly - JLab	N. Huque
8:45 AM	11:45 AM	4:45 PM	Break	
9:00 AM	12:00 PM	5:00 PM	CM Test - FNAL	A. Cravatta
9:30 AM	12:30 PM	5:30 PM	CM Test - JLab	M. Drury
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

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PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics
 SC4 – Accelerator Systems
 SC7 – Controls & Safety Systems
 SC10 – ES&H/QA

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 SC9 – Injector
 SC12 – Project Management

BREAKOUT AGENDA
SC3 Cryo Distribution System (Convener: F.G. Garcia)
SC4 Accelerator Systems (Convener: F.G. Garcia)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Overview Accelerator Systems	F.G. Garcia
7:30 AM	10:30 AM	3:30 PM	Overview Superconducting Linac	V. Heloin
8:00 AM	11:00 AM	4:00 PM	Status of the Beam Transfer Line Design	T. F. Tan
8:20 AM	11:20 AM	4:20 PM	Break	
8:40 AM	11:40 AM	4:40 PM	Installation & Integration Strategy	S. DeBarger
9:10 AM	12:10 PM	5:10 PM	Status of HPRF / LLRF System	C. Nantista / A. Benwell
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Overview Cryogenic Distribution System	V. Heloin
7:30 AM	10:30 AM	3:30 PM	LCLS-II-HE CDS Design Status and Installation Plan	S. Kaminski
8:15 AM	11:15 AM	4:15 PM	Break	
8:45 AM	11:45 AM	4:45 PM	Accelerator Systems Procurement Strategy	J. Aral
9:05 AM	12:05 PM	5:05 PM	HE Cryomodule Handling and Installation	D. White
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

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BREAKOUT AGENDA

SC5 Undulator (Convener: D. Bruch)

Wednesday, March 23, 2022

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PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Overview Accelerator Systems (SC3/4 - Joint Session Host)	F.G. Garcia
7:30 AM	10:30 AM	3:30 PM	Overview Undulator System - SLAC	D. Bruch
8:00 AM	11:00 AM	4:00 PM	Overview Undulator System - LBNL	M. Williamson
8:40 AM	11:40 AM	4:40 PM	Break	
9:10 AM	12:10 PM	5:10 PM	Short Prototype Test Results	Y. Levashov
9:30 AM	12:30 PM	5:30 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

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PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Phase Shifter Prototype Test Results	Z. Wolf
7:30 AM	10:30 AM	3:30 PM	SXR Undulator Mechanical Upgrade Planning	G. Kraft
8:10 AM	11:10 AM	4:10 PM	SXR Undulator Upgrade Process	G. Gassner
8:40 AM	11:40 AM	4:40 PM	Break	
9:00 AM	12:00 PM	5:00 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

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BREAKOUT AGENDA

SC6 X-Ray Endstations (Convener: E. Ortiz)

Wednesday, March 23, 2022

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PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Experimental Systems Intro.	E. Ortiz
7:25 AM	10:25 AM	3:25 PM	XPP Experiment Scope & Status	R. Armenta
7:50 AM	10:50 AM	3:50 PM	MFX Experiment Scope & Status	R. Armenta
8:15 AM	11:15 AM	4:15 PM	CXI Experiment Scope & Status	S. Guillet
8:45 AM	11:45 AM	4:45 PM	Break	
9:00 AM	12:00 PM	5:00 PM	DXS Experiment Scope & Status	F. O'Dowd
9:30 AM	12:30 PM	5:30 PM	X-Ray Optics	M. Seaberg H. Yavas / L. Zhang
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

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PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Detectors	A. Dragone
7:30 AM	10:30 AM	3:30 PM	Data Systems	J. Thayer
8:00 AM	11:00 AM	4:00 PM	XES Laser Systems Scope and Status	A. Shojaei
8:30 AM	11:30 AM	4:30 PM	XES Common Components	M. Campell
9:00 AM	12:00 PM	5:00 PM	Break	
9:15 AM	12:15 PM	5:15 PM	XES Scope Cost and Schedule	A. Busse
9:40 AM	12:40 PM	5:40 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

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BREAKOUT AGENDA

SC7 Controls & Safety Systems (Convener: M. Boyes)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Controls & Safety Systems Overview	M. Boyes
7:45 AM	10:45 AM	3:45 PM	Low Emittance Injector Controls	N. Lipkowitz
8:15 AM	11:15 AM	4:15 PM	Power Systems	B. Lam
8:30 AM	11:30 AM	4:30 PM	Break	
8:40 AM	11:40 AM	4:40 PM	Installation & Integration Strategy (SC3/4 - Joint Session Host)	S. DeBarger
9:10 AM	12:10 PM	5:10 PM	Status of HPRF / LLRF System (SC3/4 - Joint Session Host)	C. Nantista / A. Benwell
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Industrial Controls Systems	S. Kwon
7:30 AM	10:30 AM	3:30 PM	High Performance Systems	J. Delong
8:00 AM	11:00 AM	4:00 PM	Rack & Cable Plant Design	S. Kwon
8:30 AM	11:30 AM	4:30 PM	Break	
8:45 AM	11:45 AM	4:45 PM	Safety Systems	J. Schmerge
9:15 AM	12:15 PM	5:15 PM	XES Controls Systems	M. Ghaly
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

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PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics
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BREAKOUT AGENDA

SC8 Infrastructure Systems (Convener: C. Cheung)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Infrastructure Overview and Status	C. Cheung
7:30 AM	10:30 AM	3:30 PM	Linac and Photon Infrastructure	P. Abdallah
8:15 AM	11:15 AM	4:15 PM	Break	
8:40 AM	11:40 AM	4:40 PM	Installation & Integration Strategy (SC3/4 - Joint Session Host)	S. DeBarger
9:10 AM	12:10 PM	5:10 PM	Off Project Dependency (MOU)	M. Vieux
9:40 AM	12:40 PM	5:40 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Experimental Infrastructure	G. Balanon
7:30 AM	10:30 AM	3:30 PM	Injector Infrastructure	I. Bendanillo
8:00 AM	11:00 AM	4:00 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics
 SC4 – Accelerator Systems
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 SC10 – ES&H/QA

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BREAKOUT AGENDA

SC9 Injector (Convener: R. Coy)

Wednesday, March 23, 2022

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7:00 AM	10:00 AM	3:00 PM	LCLS-II-HE Layout and Challenges (SC1 - Joint Session Host)	T. Raubenheimer
7:15 AM	10:15 AM	3:15 PM	Low Emittance Injector (SC1 - Joint Session Host)	C. Adolphsen
7:45 AM	10:45 AM	3:45 PM	LEI Optimization and Simulations (SC1 - Joint Session Host)	F. Ji
8:15 AM	11:15 AM	4:15 PM	Linac S-2-E studies (SC1 - Joint Session Host)	J. Qiang
8:45 AM	11:45 AM	4:45 PM	FEL S-2-E simulations (SC1 - Joint Session Host)	D. Cesar
9:15 AM	12:15 PM	5:15 PM	RP Considerations (SC1 - Joint Session Host)	M. Santana
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

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PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Injector Overview	R. Coy
7:30 AM	10:30 AM	3:30 PM	Injector Infrastructure (SC8 - Joint Session Host)	I. Bendanillo
8:00 AM	11:00 AM	4:00 PM	Injector and SRF Gun R&D Status	M. Murphy
8:20 AM	11:20 AM	4:20 PM	Break	
8:40 AM	11:40 AM	4:40 PM	SRF Gun R&D	J. Lewellen
9:00 AM	12:00 PM	5:00 PM	SRF Gun Design	T. Xu
9:30 AM	12:30 PM	4:30 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

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7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

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BREAKOUT AGENDA

SC10 ES&H/QA (Convener: R. Poliak)

Wednesday, March 23, 2022

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PDT	EDT	CET	Topic	Presenter
8:00 AM	11:00 AM	4:00 PM	Environmental Health & Safety	I. Evans
8:30 AM	11:30 AM	4:30 PM	WPC Lessons Learned	R. Poliak
9:00 AM	12:00 PM	5:00 PM	Break	
9:15 AM	12:15 PM	5:15 PM	RP Considerations (SC1 - Joint Session Host)	M. Santana
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

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7:30 AM	10:30 AM	3:30 PM	Quality Assurance (SC12 - Joint Session Host)	R. Poliak
8:00 AM	11:00 AM	4:00 PM	Systems Engineering (SC12 - Joint Session Host)	T. Price
8:30 AM	11:30 AM	4:30 PM	Break	
8:45 AM	11:45 AM	4:45 PM	Safety Systems (SC7 - Joint Session Host)	J. Schmerge
9:15 AM	12:15 PM	5:15 PM	Installation Planning (SC12 - Joint Session Host)	S. DeBarger
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

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10:00 AM	1:00 PM	6:00 PM	Adjourn	

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BREAKOUT AGENDA

SC11 Cost & Schedule (Convener: C. Brackett)

Wednesday, March 23, 2022

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7:00 AM	10:00 AM	3:00 PM	Project Challenges & Mitigation Strategies (SC12 - Joint Session Host)	G. Hays
7:45 AM	10:45 AM	3:45 PM	Project Performance, Risk Management, & Contingency (SC12 - Joint Session Host)	J. Fitzpatrick
8:30 AM	11:30 AM	4:30 PM	Break	
8:45 AM	11:45 AM	4:45 PM	Off-Project Dependencies (SC12 - Joint Session Host)	D. Fritz
9:30 AM	12:30 PM	5:30 PM	Procurement Management (SC12 - Joint Session Host)	J. Aral
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Cost, Schedule, & EVMS	C. Brackett
7:30 AM	10:30 AM	3:30 PM	Finance Management	K. Turner
8:00 AM	11:00 AM	4:00 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics
 SC4 – Accelerator Systems
 SC7 – Controls & Safety Systems
 SC10 – ES&H/QA

SC2 – Cryomodules
 SC5 – Undulators
 SC8 – Infrastructure Systems
 SC11 – Cost & Schedule

SC3 – Cryo Distribution System
 SC6 – X-Ray Endstations
 SC9 – Injector
 SC12 – Project Management

BREAKOUT AGENDA

SC12 Project Management (Convener: G. Hays)

Wednesday, March 23, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Project Challenges & Mitigation Strategies	G. Hays
7:45 AM	10:45 AM	3:45 PM	Project Performance, Risk Management, & Contingency	J. Fitzpatrick
8:30 AM	11:30 AM	4:30 PM	Break	
8:45 AM	11:45 AM	4:45 PM	Off-Project Dependencies	D. Fritz
9:30 AM	12:30 PM	5:30 PM	Procurement Management	J. Aral
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Thursday, March 24, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	Presenter
7:00 AM	10:00 AM	3:00 PM	Open Discussion - Responses to Homework	
7:30 AM	10:30 AM	3:30 PM	Quality Assurance	R. Poliak
8:00 AM	11:00 AM	4:00 PM	Systems Engineering	T. Price
8:30 AM	11:30 AM	4:30 PM	Break	
8:50 AM	11:50 AM	4:50 PM	Risk Management	K. Flick
9:15 AM	12:15 PM	5:15 PM	Installation Planning	S. DeBarger
9:45 AM	12:45 PM	5:45 PM	Open Discussion	
10:00 AM	1:00 PM	6:00 PM	Subcommittee Executive Session	
11:00 AM	2:00 PM	7:00 PM	Full Committee Executive Session	
12:00 PM	3:00 PM	8:00 PM	Adjourn	

Friday, March 25, 2022

Via [Zoom](#) (All times listed are in PDT, EDT, and CET)

PDT	EDT	CET	Topic	
7:00 AM	10:00 AM	3:00 PM	Full Committee Executive Session	
9:00 AM	12:00 PM	5:00 PM	Closeout Presentation	
10:00 AM	1:00 PM	6:00 PM	Adjourn	

Sub-Committees

SC1 – Accelerator Physics
 SC4 – Accelerator Systems
 SC7 – Controls & Safety Systems
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SC2 – Cryomodules
 SC5 – Undulators
 SC8 – Infrastructure Systems
 SC11 – Cost & Schedule

SC3 – Cryo Distribution System
 SC6 – X-Ray Endstations
 SC9 – Injector
 SC12 – Project Management