LCLS Collaboration Meeting @ SLAC

Agenda

Tuesday January 25 – B48 Redwood C/D Room

PLENARY		**Presenters**
9:00 am	Welcome	Dorfan
9:15 am	DOE Overview	Lee
9:30 am	LCLS Project Overview/ Status / Budgets	Galayda
10:15 am	***Break***	
10:30 am	LCLS Project Management	Reichanadter
11:00 am	LCLS ES&H	Evans
11:30 am	Davis Bacon Determination	RM Boyce
12:00pm	***Lunch***	
1:30 pm	SSRL Update	Hodgson
1:45 pm	Injector/Linac Systems Overview/Status	Bong
2:15 pm	Undulator System Overview/Status from ANL	Milton
2:45 pm	XTOD System Overview/Status from LLNL	Bionta
3:15 pm	***Break***	
3:30 pm	X-Ray End Station Overview/Status	Arthur
4:00 pm	Conventional Facilities Overview/Status	Saenz
4:30 pm	Controls Overview/Status	Dalesio
7:00 pm	***Dinner*** (*Buca di Beppo* is located at 643 Emerson Street in Palo Alto (opposite Gordon Biersch).	

LCLS Collaboration Meeting @ SLAC

Wednesday, January 26 – Redwood Rooms

Project Office Breakout: Earned Value and Risk Management *(Redwood A)*		***Reichanadter***
Project Office (PO): *Galayda, Reichanadter, Sisson, RM Boyce, Evans, Jamison, PMCS Team*		
9:00 am	Injector / Linac	Bong, CAMs, PO
10:30 am	Undulator	Milton, CAMs, PO
12:00	***Lunch***	
1:00 pm	XTOD	Bionta, CAMs, PO
2:30 pm	X-Ray End Station	Arthur, CAMs, PO
4:00 pm	Conventional Facilities	Saenz, CAMs, PO
5:30 pm	Project Management / Global Controls	Dalesio, CAMs, PO
Conventional Facilities Breakout *(Redwood B)*		***Saenz / Welch***
9:00 am	Review of Title I Design Workshop: *Research Yard and Beam Transport Hall*	Jacobs Engineering
9:30 am	Review of Title I Design Workshop: *Undulator Hall, Beam Dump, Front End Enclosure*	Jacobs Engineering
10:00 am	Review of Title I Design Workshop: *Near Experimental Hall*	Jacobs Engineering
10:30 am	***Break***	
10:45 am	Review of Title I Design Workshop: *Far Experimental Hall*	Jacobs Engineering
11:00 am	Review of Title I Design Workshop: *CLOC*	Jacobs Engineering
11:15 am	Review of Title I Design Workshop: *Sector 20*	Folger
11:30 am	Review of Title I Design Workshop: *Magnetic Measurement Facility*	Folger
12:00 pm	***Lunch***	
1:00 pm	Undulator Hall Layout and Interface	Welch

LCLS Collaboration Meeting @ SLAC

Accelerator Systems Breakout: Injector/Linac *(Redwood C)*		***Bong***
10:30 am	Injector Optimization Using Elliposidal Laser Pulses	Limborg
11:00 am	RF Gun Studies	Limborg
11:30 am	Gun RF Design	Li / Xiao
12:00 pm	***Lunch***	
1:00 pm	Low-Charge Linac Operating Point including Recent FEL Simulations	Huang
1:30 pm	Injector Laser	Gilevich
2:00 pm	Drive Laser Dazzler R&D (BNL & LLNL)	Dowell
3:00 pm	Feedback Simulations	Wu
Undulator Breakout *(Redwood D)*		***Milton***
2:30 – 3:30	FY05 Planning	Milton, CAMs, PMCS
3:30 – 5:00	Undulator System Integration (Mockup)	Milton
5:00 – 6:00	Physics Requirement Document Discussion	Milton
Photon Breakout: XTOD/X-Ray End Stations (*Redwood C*)		***Bionta/Arthur***
9:00 am	XTOD: Baseline Layout, Commissioning Strategy and Issues	Bionta
9:30 am	XTOD: Project Engineering	McMahn
9:45 am	XTOD: Simulations	Ott
10:00 am	XTOD: Camera Selection	Abels
4:00 pm	XTOD: Damage Experiment	London
4:30 pm	XTOD: Total Energy Measurement System	Friedrich

LCLS Collaboration Meeting @ SLAC

4:45 pm	XTOD: Spectrometer	Bionta
5:30 – 6:30	FY05 Planning - X-Ray End Station	Arthur, CAMs, PMCS
Controls Breakout *(Redwood D)*		***Dalesio***
9:00 am	Bunch Length Monitors	Krejcik
10:30 am	Cavity BPMs	Krejcik
12:00 pm	***Lunch***	
1:00 pm	SLC-Aware IOC	Allison
2:30	*Break*	
3:00 pm	Motor Discussion (Location: Redwood B)	Stein
4:00 pm	Vacuum Hardware and Controls (Redwood B)	Dalesio
5:30 pm	FY05 Planning (*LOCATION: Redwood B*)	Dalesio, CAMs, PMCS

LCLS Collaboration Meeting @ SLAC

Thursday, January 27 – B48 Redwood Rooms

Conventional Facilities Breakout (*Redwood B*)		***Saenz***
9:00 – 10:30	Title 1 Review and Prep for Title 2	Saenz , Welch, Jacobs Engineering
11:00 – 12:00	FY05 Planning	Saenz, Welch, CAMs, PMCS
Accelerator Systems Breakout: Injector/Linac (*Redwood C*)		***Bong***
10:00 – 11:00	FY05 Planning	Bong, CAMs, PMCS
Undulator Breakout (*Redwood D*)		***Nuhn***
9:00	AC Conductivity: *Impact Analysis Overview*	Milton
9:20	AC Conductivity: *Calculations*	Bane
9:40	AC Conductivity: *Analytical Estimation of Wakefield Effects on SASE*	Huang
10:00	AC Conductivity: *Genesis / Ginger Simulations*	Reiche
10:20	AC Conductivity: *THz Reflectivity Measurements*	Walters
10:40	Discussion	
11:00	***Break***	
11:20	Alignment/Tuning Tolerance Budget: *Introduction*	Nuhn
11:35	Alignment/Tuning Tolerance Budget: *Ground Motion Impact Analysis*	Welch
12:00	Alignment/Tuning Tolerance Budget: *Genesis Simulations*	Reiche
12:25	***Lunch***	

LCLS Collaboration Meeting @ SLAC

Photon Breakout: XTOD / X-Ray End Stations (*Redwood C*)		***Bionta / Arthur***
9:00 – 10:00	End Station Shielding Discussion	Arthur
11:00 – 12:00	FY05 Planning – XTOD	Bionta, CAMs, PMCS
12:00	***Lunch***	
Controls (*Redwood A*)		***Dalesio***
9:00	Discussion on Vacuum Instrumentation: Suggestion	Eriksson, Rago
	Discussion on Vacuum Instrumentation: Experience from SLC	Debbie, Ron
	Discussion on Vacuum Instrumentation: Experience from ORNL	Dalesio
10:00	LLRF Design	Kotturi
11:00	FY05 Planning (cont.)	Dalesio, CAMs, PMCS
12:00	***Lunch***	

Plenary	**LCLS Week Closeout**	
1:30	Management / Cost / Schedule / Resources	Reichanadter
2:00	Highlights / Issues: Injector-Linac	Bong
2:15	Highlights / Issues: Undulator	Milton
2:30	Highlights / Issues: XTOD	Bionta
2:45	Highlights / Issues: X-Ray End Station	Arthur
3:00	Highlights / Issues: Conventional Facilities	Saenz
3:15	Highlights / Issues: Global Controls	Dalesio
3:30	Status / Progress / Issues	Galayda

LCLS Collaboration Meeting @ SLAC