

**Facility Advisory Committee (FAC) Meeting  
Oct 27-28, 2005  
Redwood Rooms, ROB, Bldg 48**

**AGENDA**

**Thursday, October 27<sup>th</sup> – Plenary**

*Location: Redwood Conference Rooms, Building 48*

7:30	Executive Session	
8:00	Welcome	J. Dorfan
8:10	Opening Comments	K. Hodgson
8:20	Project Status Update, CF Updates and Charge to Committee	J. Galayda
9:00	Safety	M. Scharfenstein
9:30	Project Organization, Executive Status	M. Reichanadter
10:00	E-Beam Systems Update	D. Schultz
10:30	<i>Break</i>	
10:45	Update on Physics Issues	P. Emma
11:10	Undulator Update	S. Milton
11:35	Photon Systems Overview	J. Arthur
12:00	Conventional Facilities Update	D. Saenz
12:30	<i>Lunch</i>	
1:30	Breakout Sessions (see <i>Breakout Session Agenda</i> )	
5:30	Executive Session ( <i>Redwood C/D</i> )	
7:00	Dinner – <i>TBD</i>	Committee and Speakers

***Breakout Session 1: Design & Construction: Accelerator & Undulator Systems***

*Location: Redwood Conference Rooms, Building 48*

1:30	Injector Design / Diagnostics / Gun & Linac RF Design	E. Bong
2:00	Drive-Laser Update	S. Gilevich
2:30	RF Gun Update	H. Loos
3:00	Injector Physics and Design	C. Limborg
3:30	<i>Break</i>	
3:45	Undulator Physics Requirements and Alignment	H-D. Nuhn
4:15	Undulator Metrology	C. Lecocq
4:45	Undulator Cell Mock-up	M. White
5:15	Executive Session ( <i>Redwood C/D</i> )	

**Breakout Session 2 - Design & Construction: XTOD & Experiment Station Systems**

*Location: Redwood A/B, Building 48*

1:30	LCLS/LUSI Experiments	J. Arthur
2:00	XTOD Beamline Configuration	D. McMahon
2:30	Attenuators	S. Shen
3:00	Mirrors	M. Pivovarov
3:30	<i>Break</i>	
3:45	X-Ray Diagnostics	R. Bionta
4:10	X-Ray Detectors	S. Moeller
4:35	Experimental Area Conventional Facilities	S. Moeller
5:00	Discussion	
5:15	Executive Session ( <i>Redwood C/D</i> )	

**Breakout Session 3 - Controls**

*Location: Redwood Conference Room*

1:30	Controls Overview	B. Dalesio
2:00	Integration with SLC	S. Allison
2:30	RDB	A. Chan
2:45	High Level Apps	D. Fairley
3:00	Controls plans for the 2006 installation	B. Dalesio
3:30	<i>Break</i>	
3:45	Laser Safety and Personnel Protection Systems	P. Bong
4:15	Laser Controls	S. Peng
4:30	BPM Control	T. Straumann
4:45	Undulator Controls	J. Stein
5:00	X-Ray Transport/Optics/Diagnostics Controls	S. Lewis
5:15	Executive Session ( <i>Redwood C/D</i> )	

**Breakout Session 4 - Design and Construction: Conventional Facilities (Saenz)**

*Location:*

1:30	CF Readiness for CD-3b (Design, Cost and Schedule Maturity)	D. Saenz
2:00	Construction Safety	R. Hislop
2:45	Sector 20 Status	P. Cutino
3:15	Magnet Measurement Facility Status	J. Sevilla
3:45	Discussion	
5:15	Executive Session ( <i>Redwood C/D</i> )	



**Friday, October 28, 2005**

*Location: See Room Location listings below*

<i><b>Time</b></i>	<i><b>Topic</b></i>	<i><b>Speaker</b></i>
7:30	Executive Session	
8:00	CSR-Based Bunch Length Monitor	G. Travish
8:30-10:00	Breakout Sessions, continued	
	Breakout 1:	
	Breakout 2:	
	Breakout 3:	
	Breakout 4:	
10:00	Executive Session	
12:00	<i>Lunch</i>	
1:30	Executive Session	
4:00	Closeout - Plenary	