

### CLCS Run 8 Schedule July 2013 - March 2014

Ver 6: 1/8/14

<b>Jul 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	IH Feng	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	
Night																			LA41 Doniach	IH	IH	IH				L703 Gruebel						
<b>Aug 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
Night		LB64 Wernert	LA45 Durr																													
<b>Sep 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon		
Night																																
<b>Oct 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu		
Day																	LB48 Staub							IH		LA35 David						
Day																	DD LA61 Glenzer															
Night																	LB23 Robinson	PCS					IH									SXRSS
<b>Nov 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Day	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat		
Day		LA52 Frank		PCS				LA11/LA86 Bolme/Lazicki																LA85		IH-Comm			LA60 Gleason			
Day									PCS	PCS	PCS		SXRSS																			
Night		IH	IH	IH	IH	IH	PCS	IH	IH	IH	IH					LA85 LaRue	IH-Comm								LA06 Barends	PCS	PCS			L403 Anfinrud		
<b>Dec 13</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	
Day		LA60																														
Day																																
Night		L403					LA56 Fuchs																									
<b>Jan 14</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Day																																
Day																																
Night																																
<b>Feb 14</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Day	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri				
Day																																
Day																																
Night																																
<b>Mar 14</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Day	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	
Day																																
Day																																
Night																																

Instrument Color Codes:

AMO	SXR	XPP	XCS	CXI	MEC
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Day	9 am - 9 pm
Night	9 pm - 9 am

Prop. No.	Instr.	Spokes Person	Title
LA06	CXI	Barends, Thomas	Seeded FEL Beams for Biomolecular Structure Determination
LA11	MEC	BOLME, CYNTHIA	Dynamic Strength of Titanium
LA12	AMO	Bostedt, Christoph	Time-resolved imaging of x-ray induced dynamics in clusters
LA17	XPP	CAMMARATA, MARCO	Direct measurement of the Hard X-ray pulse duration
LA18	XPP	Canton, Sophie	Correlating Structural and Spin Dynamics in Non-Equilibrium Intramolecular Electron Transfer
LA25	CXI	CHEREZOV, VADIM	Femtosecond Nanocrystallography of G protein-Coupled Receptors in Lipidic Cubic Phase
LA26	MEC	CHO, BYOUNG-ICK	Time and space-resolved measurement of hot electron transport in solid density plasmas produced by an intense laser pulse
LA35	XPP/XCS	DAVID, CHRISTIAN	High resolution single-shot spectral monitoring of hard XFEL radiation
LA41	CXI	DONIACH, SEBASTIAN	Structure of ferritin-encapsulated ferrihydrite nanoparticles probed by correlated x-ray scattering
LA45	XPP	DURR, HERMANN	How is angular momentum conserved on the femtosecond time scale?
LA51	SXR	FOERST, MICHAEL	Tracking charge correlations in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-d</sub> in the non-equilibrium light-induced superconducting state
LA52	CXI	FRANK, MATTHIAS	Advanced Imaging of 2D Protein Crystals with LCLS CXI
LA56	CXI	Fuchs, Matthias	X-ray Nonlinear Optics Beyond Free-Electron Interactions
LA60	MEC	Gleason, Arianna	Ultrafast x-ray studies on the solidification and structural transition dynamics of liquid and crystalline H <sub>2</sub> O
LA61	MEC	GLENZER, SIEGFRIED	Creation and measurements of novel high-pressure electrude materials at the matter in extreme conditions end station
LA77	XPP	JIANG, MASON	Unraveling the Nature of the Giant Anharmonic Phonon Coupling in PbTe by Femtosecond X-ray Diffuse Scattering
LA85	SXR	LaRue, Jerry	Transiently Probing the Essential Intermediate CHO in Artificial Photosynthesis
LA86	MEC	Lazicki, Amy	Ultrafast Diffraction Studies of Phase Transformation Pathways, Kinetics And Strength in Dynamically Compressed Metals
LB01	XPP	MINITTI, MICHAEL	Femtosecond Chemical Dynamics: Imaging Chemistry in Space and Time

LB23	CXI	Robinson, Robert	The Helical Structure of Dynamic Polymerizing Biological Filaments
LB24	AMO	ROHRINGER, NINA	Stimulated Inelastic X-Ray Scattering in Molecular Gases
LB31	MEC	Sandberg, Richard	Sub-picosecond diffractive imaging of a collapsing void in a shocked material
LB32	CXI	Schertler, Gebhard	Femtosecond Crystallography of G Protein-coupled Receptors
LB33	AMO	SCHLICHTING, ILME	Towards femtosecond X-ray imaging of macromolecular assemblies – Studies of medium to small viruses
LB43	XPP/XCS	SOLTIS, S	Structure Determination of Metalloproteins using Femtosecond Crystallography
LB48	XPP	STAUB, URS	How do localized and itinerant spins interact in metallic antiferromagnets?
LB51	SXR	Stohr, Jo	Stimulated Soft X-ray Resonant Processes,
LB59	SXR	VODUNGBO, Boris	Investigating the role of direct spin angular momentum transfer in laser-induced ultrafast demagnetization
LB63	XPP/XCS	WEIS, WILLIAM	Extending the resolution of G protein coupled receptor structures using femtosecond crystallography on a novel sample support system
LB64	SXR	WERNET, PHILIPPE	Localization dynamics of electrons in liquid water
LB67	CXI	YACHANDRA, VITTAL	Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using Simultaneous X-ray Emission Spectroscopy and Crystallography
LB68	SXR	YANO, JUNKO	Electronic Structure of the Mn <sub>4</sub> CaO <sub>5</sub> Complex of Photosystem II and the Mechanism of Photosynthetic Water Oxidation Studied by Mn L-edge Spectroscopy
L403	XPP	ANFINRUD, PHILIP	Towards ultrafast time-resolved diffraction studies of proteins - the myoglobin showcase
L688	MEC	FAJARDO, MARTA	Ultrafast time resolved measurement of the complex refractive index of solid density matter heated by the LCLS
L703	XCS	GRUEBEL, GERHARD	Bond orientational order of liquid and supercooled water
L756	SXR	Reid, Alex	Shaping the future of magnetic data storage: How does all-optical magnetic switching work?