

LCLS Run 6 Schedule

Ver 3: CB 02/01/12

May 12	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
	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	Wed	Thu
Day		IH	L431 Frank				Com	HR			CXI inhouse						L456 Krasniqi							L481/ L481/ Com.	IH MEC						L525
Night		Feng	RD Timing								L481/494	Com	L481/494				L406 Berrah							L434 Fuchs							

June 12	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
	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	Collet			RD t-xtal				L631 Yachandra						L567 Johnson										L542/543 Fromme						L603 Rudenko
Night	IH Dakovski							Com						R&D										L521 Caviglia						L630 Wittenberg

July 12	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
	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					L597 Nissen			Com				L549 Gessner											L503 Gaffney			L540 Foerst					
Night					L616 Staub							L562 Hau-Riege														L605 Sutter					

Aug 12	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
	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
LCLS shutdown																															

Sept 12	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	
	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	
Accelerator startup																															

Oct 12	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
	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	Wed
Day	Acc. startup		Com	Com	IH Bostedt						L594 Nilsson							L628 Wark						L612 Sokolowski-Tinten							
Night				Soft start.....							L560 Hastings							L522 Chapman						L539 Feifel							

Nov 12	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
	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	IH Williams							L508 Avaldi						L632 Yano									L634 Zhou							L569 Kim
Night	L552 Gleason							IH Lemke		Com				L592 Neumayer									Commissioning							L532

Dec 12	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
	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						L617 Stohr				L520 Cavalieri				L618 Szlachetko																	
Night	Dorchies					L614 Soltis				IH Milathianaki				L608 Schuessler-Langheine																	

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

LCLS Approved Experiments for Run 6, ~June-December 2012

<u>Instrument</u>	<u>Prop#</u>	<u>Proposal Title</u>	<u>Spokesperson</u>
XPP	L503	Ultrafast Resonant Inelastic X-ray Scattering Measurements of Photoinduced Electron Transfer Dynamics	KELLY GAFFNEY
AMO	L508	Studies of dynamical energy flow in molecules using covariance mapping	LORENZO AVALDI
AMO	L520	Complete Characterization of the Accelerator-based Split & Delay	ADRIAN CAVALIERI
SXR	L521	Electronic phase control in oxide heterostructures via ultrafast strain engineering	Andrea Caviglia
CXI	L522	New Strategies for Solving the Crystallographic Phase Problem	HENRY CHAPMAN
XPP	L525	Photoinduced phase transition in a bistable molecular crystal: ultrafast, coherent and cooperative response	Eric Collet
MEC	L532	Unravelling the non-equilibrium electron – ion ultrafast dynamics in warm dense Mo and Ag with time-resolved XANES	Fabien Dorchies
AMO	L539	Probing the chemical environment in complex molecules by covariance mapping of double core hole states	RAIMUND FEIFEL
CXI	L540	Femtosecond nanocrystallography of complex oxides	MICHAEL FOERST
CXI	L542	Femtosecond nanocrystallography of large membrane protein complexes involved in bioenergy conversion	PETRA FROMME
CXI	L543	Molecular movies of water oxidation in Photosystem II: the full S-state cycle	PETRA FROMME
AMO	L549	Imaging quantum vortices in superfluid helium droplets	OLIVER GESSNER
MEC	L552	Ultrafast x-ray studies on the dynamics of structural transitions in amorphous and crystalline SiO ₂	ARIANNA GLEASON
AMO	L559	GIANT VIRUSES	JANOS HAJDU
XPP	L560	Structural Dynamics in the Femtoseconds Domain: the 1,3-Cyclohexadiene Model System	JEROME HASTINGS
CXI	L562	Dynamical x-ray diffraction at high intensities	STEFAN HAU-RIEGE
XPP	L567	Driving coherent atomic motion in solids with impulsive stimulated x-ray scattering	STEVEN JOHNSON
XCS	L569	Dynamics of Polymeric Glasses in Atomic Scale	HYUNJUNG KIM
MEC	L592	High-precision measurement of quasi-elastic x-ray scattering from strongly coupled dense plasmas – towards the long-wavelength limit	Paul Neumayer

LCLS Approved Experiments for Run 6, ~June-December 2012

<u>Instrument</u>	<u>Prop#</u>	<u>Proposal Title</u>	<u>Spokesperson</u>
SXR	L594	X-ray Emission Spectroscopy on Water in "No Man's Land"	ANDERS NILSSON
CXI	L597	Nanocrystal analysis of native membrane proteins	Poul Nissen
AMO	L603	Ultrafast Charge Rearrangement and Local Radiation Damage Mechanisms in the Vicinity of high-Z atoms	ARTEM RUDENKO
AMO	L605	Structure determination of internally ordered photosynthetic organelles	Markus Sutter
XCS	L608	Phase separation in correlated oxides	CHRISTIAN SCHUESSLER-L
XPP	L612	Ultrafast switching dynamics in laser-driven phase change materials	SOKOLOWSKI-TINT, KLAUS
XPP	L614	Structure Determination of Oxidized ba3 Cytochrome c Oxidase using Femtosecond Crystallography	S SOLTIS
SXR	L616	Exciting electromagnons in multiferroics	URS STAUB
SXR	L617	Development of Stimulated X-Ray Scattering	Jo stohr
CXI	L618	Single-shot off-resonant X-ray emission spectroscopy	Jakub Szlachetko
MEC	L628	X-ray Diffraction Studies on the Strength of Laser-Shocked Nanocrystalline Nickel	JUSTIN WARK
XPP	L630	Shock-driven transformations in nanocrystals.	JOSHUA WITTENBERG
CXI	L631	Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using X-ray Valence-to-Core Spectroscopy and Crystallography	VITTAL YACHANDRA
SXR	L632	Electronic Structure of the Mn4CaO5 Complex of Photosystem II and the Mechanism of Photosynthetic Water Oxidation Studied by Mn L-edge Spectroscopy	JUNKO YANO
XPP	L634	Revealing the ultrafast charge ordering and lattice dynamics in the laser induced insulator-metal transition in manganites and the emergence of electronic ferroelectricity in multiferroics	SHUYUN ZHOU