

LCLS Run 15 Schedule

Ver 6: 08/29/17

6/1/2017	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																X227 Feng								LP67 Qiao						LQ64
Day																								LP63 Trigo						LP41
Night																LQ76 Turner								X229 Schlotter					LQ12 Orv.	

7/1/2017	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	LQ64 Shpryrko					LP93 Marsi		LP34 Kraus					LQ39 Yachandra						LQ59 Kaldun		LQ17 McM.					X264 Choll.	X223 Sato				
Day	LP41 Standfuss					LO91 Cascio							LP22 Sacchi						LQ57 Lin		LQ22 Seib.						LP55 Kovacsova				
Day		PCS	PCS			PCS	PCS	PCS																							
Night	LQ12 Orv.	PCS				IH	LQ27 Silva						LQ14 Trippel						LP58 Wang		X244/6				LP86 Smith	LP70	LP80				
Night	LQ64 Shpryrko																		PCS		PCS	PCS									

8/1/2017	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	DD	LP80	LP80 Wernet		LP48 Albe.				LP95	LP54 Alonso-Mori				X239				LP73 Schm.	LQ54 Cherezov				X226	LP05 Vilesov					LP26		
Day		PCS												X228							PCS										
Day																		LP06 Ihee													
Night	PCS	PCS	PCS	LP99 Brown		PCS			LQ79 Thompson	LQ08 Kjaer				X239	X242	X243	X242	PCS					LP13 Cammarata		LO86 Cam.				LP08		
Night	LP80	X223 Sato	X249 vDriel							LP95 Lane				PCS	PCS			LQ70													

9/1/2017	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	LP26 Staub					X220	LQ09 Ping							LP69 Koralek							X241 Alon.	X220 Zhu					X220		X220 Zhu	
Day														LQ80 Fletcher															LQ18 Schnorr	
Night	LP08 Sension				LO77		LO77 Schlic	LQ25 Kunnus						X218 Moell.	LQ28 Reinhard							LQ40 Daurer	X220				LQ48 Fromme			
Night					X220		PCS	PCS																						

10/1/2017	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	LQ18 Sch.	X220			LP25 Pontius					LP25	LO92 Minitti									X237 Hoffmann					LP42 Abbamonte					LQ92	
Day																														LO74	
Night	LQ48	PCS			LP75 Dean					LQ85 Glenzer										LQ13 Hastings				X220 Zhu	LP42				X257		

11/1/2017	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
	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	LQ92 Hekstra				LQ24 PCS			LP19 Shwartz						LS31 Lin		LR88 Duffy	X220 Zhu													
Day	LO74 PCS	PCS	LR11																											
Night	X257 Ray				X245			LQ84 Coslovich						LQ65 Bergmann		LP38 Johnson														

AMO SXR XPP XCS MFX CXI MEC

Day	9 am - 9 pm
Night	9 pm - 9 am

<i>Proposal #</i>	<i>Instrument</i>	<i>Spokesperson</i>	<i>Title</i>
LP42	SXR	Abbamonte, Peter	Time resolved detection of collective charge modes in the striped superconductor La _{2-x} Ba _x CuO ₄
LP48	MFX	Albesa-Jove, David	Exploiting X-ray Free Electron Laser Capabilities to Visualize a Glycosyltransferase in Action
LP54	MEC	Alonso-Mori, Roberto	Pump and Probe Study on Iron Spin Cross Over: Implications for Early Earth Differentiation
LQ65	CXI	Bergmann, Uwe	Electronic structure characterization of transition metal complexes with extremely intense X-ray pulses - A simultaneous measurement of spontaneous and stimulated X-ray emission
LP99	CXI	Brown, Michael	Time-Resolved Small and Wide-Angle X-Ray Scattering Investigation of Rhodopsin Activation
LO86	XPP	Cammarata, Marco	Ultrafast myoglobin active site dynamics
LP13	XPP	Cammarata, Marco	Coherent structural trapping of photomagnetic state in Fe-Co Prussian Blue Analogues: Ultrafast electronic versus structural dynamics
LO91	CXI	Cascio, Duilio	DATA COLLECTION PROPOSAL: SFX structure determination of powerful toxins against the mosquitos carrying the Zika and Dengue virus.
LQ54	CXI	Cherezov, Vadim	Femtosecond Crystallography of G protein-Coupled Receptors in Lipidic Cubic Phase
LQ84	SXR	Coslovich, Giacomo	Exposing Charge Density Waves Hidden by Superconductivity in Cuprates
LQ40	AMO	Daurer, Benedikt	Optimizing the dehydration of aerosolized bioparticles for high-resolution imaging
LP75	XPP	Dean, Mark	Ultra-fast Magnetic Correlations at the brink of the Insulator-Metal threshold in Sr ₃ Ir ₂ O ₇
LQ80	CXI	Fletcher, Luke	Ultra-fast x-ray diffraction of metastable structures during hydrogen crystallization
LQ48	MFX	Fromme, Petra	Fixed target time resolved serial femtosecond crystallography with continuous diffraction for the study of the dynamics of light driven reactions in Photosynthesis
LQ85	MEC	Glenzer, Siegfried	Measurement of the transport properties of warm dense methane
LQ13	XCS	Hastings, Jerome	Hard X-Ray Transient Grating Spectroscopy: A first Step 'Self Diffraction'
LQ92	XPP	Hekstra, Doeke	Towards a dynamic and energetic understanding of enzyme function
LP06	XCS	Ihee, Hyotcherl	Tracking ultrafast allosteric structural transition of homodimeric hemoglobin related to ligand migration using femtosecond X-ray solution scattering
LP38	XPP	Johnson, Steven	Strongly driven coherent soft mode dynamics in a ferroelectric
LQ59	XPP	Kaldun, Andreas	Nuclear Nonlinear Optics: A Narrowband Mossbauer source driven by broadband x-ray pulses.
LQ08	XPP	Kjaer, Kasper Skov	Unraveling the structural dynamic origins of the impulse-response of room temperature ionic liquids with femtosecond anisotropic x-ray scattering
LP69	XPP	Koralek, Jake	Magnetic competition on the verge of a quantum spin liquid
LP55	CXI	Kovacsova, Gabriela	Ultra-fast light-induced changes in retinal proteins
LP34	MEC	Kraus, Dominik	In situ investigation of nanodiamonds formed in shock-compressed plastics
LQ25	XCS	Kunnus, Kristjan	Capturing the structures of intermediate electronic and spin states and conical intersections in molecular photosensitizers with femtosecond anisotropic X-ray diffuse scattering
LP95	CXI	Lane, Thomas	How does photolyase repair DNA?

LQ57	MEC	Lin, Yu	Ultrafast x-ray studies on the dynamics of structural transitions in metallic glasses
LP93	XPP	Marsi, Marino	Novel transient phase in a photoinduced metal-to-insulator Mott transition
LQ17	MEC	Mcmahon, Malcolm	Ultrafast Diffraction Studies of Strength and Phase Transitions in Vanadium, and the Measurement of Off-Hugoniot States using a Diffraction Gauge
LO92	CXI	Minitti, Michael	Electron Dynamics: Towards Mapping Electronic Rearrangements in Chemical Reactions
LQ55	CXI	Natan, Adi	De-novo Imaging of Transient Molecular Structure Dynamics using Ultrafast Self-Referenced Coherent Diffraction
LQ12	MFX	Orville, Allen	Structure and Function of Photosensory Proteins by Time-Resolved Serial Femtosecond Crystallography (tr-SFX) and Solution Scattering (tr-SAXS)
LO74	MFX	Peters, John	Using the LCLS to Determine the Structure of the Synaptic Pre-fusion Complex (SPC)
LQ09	MEC	Ping, Yuan	Structural dependence of thermal conductivity in warm dense matter
LP25	SXR	Pontius, Nikolaus	Establishment and control of the most efficient pathway in a metal-to-insulator transition from selective sub-lattice excitations with doubly resonant two-color X-ray approaches.
LP67	CXI	Qiao, Shenglan	A structural study of the beta-2 adrenergic receptor activation mechanism in solution using correlated x-ray scattering
LQ28	XCS	Reinhard, Marco	Photoinduced spin state dynamics and cooperativity of iron-triazole spin crossover nanoparticles studied with femtosecond X-ray emission spectroscopy and scattering
LQ24	MFX	Richardson, David	Structure Determination of Electron Transfer Membrane Protein Complex for Microbial Metal Reduction
LQ70	MFX	Ros, Alexandra	Massively reduced sample consumption via microfluidic droplet generation for SFX and time resolved SFX with XFELs
LP22	XPP	Sacchi, Maurizio	Ultrafast pathways in the laser induced magneto-structural phase transitions of MnAs
LO77	CXI	Schlichting, Ilme	Monitoring the R-T transition in hemoglobin by TR-SFX
LP73	CXI	Schmidt, Marius	Structure-Based Enzymology at the LCLS
LQ18	CXI	Schnorr, Kirsten	Imaging of strong-field induced fragment formation from C60
LQ22	XCS	Seiboth, Frank	In-Situ Single-Shot Characterization of the Focused LCLS Beam
LP70	MEC	Seidler, Gerald	XFEL Heating of Inertially Confined Targets: Materials Discovery under Extreme Conditions
LP08	XPP	Sension, Roseanne	Investigating Structural Changes in Excited States of Coenzyme B12
LQ64	XPP	Shpyrko, Oleg	Advanced control of the collective charge ordering by utilizing dynamic electron-phonon interaction
LP19	XCS	Shwartz, Sharon	Difference-frequency generation of optical radiation from two-color x-ray pulses
LQ27	SXR	Silva, Thomas	Skyrmion formation via non-equilibrium spin wave condensation
LP86	MEC	Smith, Raymond	Phase transformation kinetics in shock-compressed Zirconium
LP41	CXI	Standfuss, Joerg	Ultrafast structural dynamics of retinal isomerization in the proton pump bacteriorhodopsin
LP26	SXR	Staub, Urs	Ultrafast orbital occupancy dynamics of a Mott-Hubbard material determined by laser pump - RIXS probe measurements

LQ79	MFX	Thompson, Michael	Generalizing Time-resolved Crystallography: Temperature-Jump Studies of a Dynamic Enzyme
LP63	XPP	Trigo, Mariano	Mechanism for the soft-mode driven lattice instability of SnSe
LQ14	AMO	Trippel, Sebastian	Charge transfer and photofragmentation in hydrogen bonded indole-water ¹ clusters upon site-specific x-ray photoionization
LQ76	SXR	Turner, Joshua	Skyrmion Dynamics
LP05	AMO	Vilesov, Andrey	Superfluids Far from Equilibrium
LP58	CXI	Wang, Yun-Xing	Time-resolved structure determination of the adenine riboswitch RNA during a phase transition associated with a large conformation change triggered by ligand binding
LP80	SXR	Wernet, Philippe	Electronic Structure of the Mn ₄ CaO ₅ Complex of Photosystem II and the Mechanism of Photosynthetic Water Oxidation Studied by Mn L-edge Spectroscopy
LQ39	MFX	Yachandra, Vittal	Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using Simultaneous X-ray Crystallography and Emission Spectroscopy
LR11	MFX	Watanabe, Go	Structural Studies of Nonhomologous DNA End Joining Mechanism
LR88	MEC	Duffy, Thomas	Phase transition in olivine under shock compression
LS31	MEC	Lin, Yu	Ultrafast x-ray studies on the dynamics of structural transitions in diamondoids