

Scheduling LCLS Run 12

Ver 5: 3/14/16

10/1/2015	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															LJ54 Gessner							LJ67 Khalil						IH	LJ49 Fromme		
															LK21 Sension								LJ41 Fennel							LJ43 Fiuza	

DS

11/1/2015	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	LJ49				LK53	LK54 Zwart							LJ95 Orville									LK47 Yachandra	PCS			LK15 Schlichting				
	LJ43				LK53 Zicker	PCS	PCS						IH-Comm										LK29 Staub				LJ98 Ping			

12/1/2015	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	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
Night		LK27 Standfuss								LK17 Schmidt		LJ55 Gleason			PCS	PCS															
		LJ34 Durr								LK38 Trigo		LK39 IH	IH		LJ39 Fang	IH															
		LK34 Thibault / DD-SPI				IH			PCS	LJ24 Cherezov		LK17	LK43 Wang		PCS	PCS															
										LK38 Trigo	LK39 Trigo	IH	IH			LJ39 Fang															

1/1/2016	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	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	Sun	
Night												IH	LK45 Weste	LK30	LK45	LK30					LJ88	LK20	LJ88	LK20	LJ88	IH			LJ12 Anfinrud			
													LJ80 Lind.		LJ80															LJ78 Lee		
														LK45	LK30	LK45	LK30														IH-Sci Moeller	
														LJ80		LJ80																

2/1/2016	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	
Day	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				LJ33 Duffy				IH				IH	LK48 IH	LK48 IH				IH	LJ15 Berrah						LK09 Russell		LJ69			
				LK24 Shpyrko			IH					LJ32		LJ32												IH-Sci Hoffman				
				LJ51 Fuchs						LK48 IH	LK48	LJ32	LK48	Det					LK34 Thibault / DD-SPI	LJ15					IH	IH	PCS	LJ69 Kirian		

DS

3/1/2016	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	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	
Night			LJ47 Forsyth		LJ22 Chapman							IH-Comm Spec.		Det																		
			LJ11 Albert																													

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>
LJ11	MEC	ALBERT, FELICIE	Ultrafast absorption spectroscopy of aluminum plasmas created by LCLS using betatron x-ray radiation
LJ12	XPP	ANFINRUD, PHILIP	Watching a protein function on the chemical time scale: a myoglobin movie
LJ15	AMO	BERRAH, NORA	Time-Resolved Femtosecond Dynamics of C60 at Extreme Intensity: A Show Case Model System for Any Extended System Studied with LCLS and Future FELs
LJ22	CXI	CHAPMAN, HENRY	Single Fiber Diffraction
LJ24	CXI	CHEREZOV, VADIM	Femtosecond Crystallography of G protein-Coupled Receptors in Lipidic Cubic Phase
LJ32	XPP	Dornes, Christian	The femtosecond Einstein–de Haas effect: tracking angular momentum transfer to the lattice during ultrafast demagnetization
LJ33	MEC	Duffy, Thomas	High-pressure polymorphism of two high-strength ceramics: Boron Carbide (B4C) and Silicon Carbide (SiC)
LJ34	XPP	DURR, HERMANN	Ultrafast angular momentum conservation in FePt nano-clusters
LJ39	XPP	Fang, Xinyue	Direct observation of soft phonon mode dynamics in SrTiO3 through time-domain analysis of stimulated x-ray thermal diffuse scattering
LJ41	AMO	Fennel, Thomas	Real-time x-ray imaging of femtosecond nanoplasma dynamics
LJ43	MEC	Fiuza, Frederico	Visualizing the development of Weibel instabilities in relativistic counterstreaming plasmas
LJ47	CXI	Forsyth, Victor	Real-time studies of amyloid assembly by serial fibre diffraction of peptide sequences from the adenovirus shaft structure
LJ49	CXI	FROMME, PETRA	Structural dynamics of water splitting and electron transfer in Photosystem II
LJ51	CXI	Fuchs, Matthias	Bound-state Nonlinear Compton Scattering
LJ54	AMO	GESSNER, OLIVER	Imaging the Growth of Impurity-Induced Nanoplasmas
LJ55	MEC	Gleason, Arianna	Strength of Iron Under Dynamic Compression
LJ67	XPP	Khalil, Munira	Probing Ultrafast Electron (De)localization Dynamics in Mixed Valence Complexes Using Femtosecond X-ray Spectroscopy
LJ69	CXI	KIRIAN, RICHARD	Femtosecond damage and dynamics
LJ78	XCS	Lee, Jun-Sik	Investigating the Surprising Phenomena of Charge Density Wave in YBCO induced by High Magnetic Field
LJ80	XPP	LINDENBERG, AARON	Structural phase transitions and dynamics in 2D transition metal dichalcogenides
LJ88	CXI	MINITTI, MICHAEL	Capturing Chemistry in Action: Mapping Chemical Reaction Paths

LJ95	XPP	ORVILLE, ALLEN	Structure and Function of Photosensory Proteins by Serial Femtosecond Crystallography (SFX) and Time-Resolved SFX with Acoustic Droplet Ejection (ADE) Methods
LJ98	MEC	PING, YUAN	Thermal conductivity and Wiedemann-Franz law in warm dense matter
LK09	XCS	Russell, Thomas	Morphology Evolution of Conjugated Polymer:PCBM Blends in Droplets: Fundamental Aspects of Spray Coating
LK15	CXI	SCHLICHTING, ILME	Mechanism of ion translocation in halorhodopsin
LK17	CXI	Schmidt, Marius	Time-Resolved Serial Femtosecond Nanocrystallography to Establish Structure-Based Enzymology at the LCLS
LK20	MEC	SEIDLER, GERALD	Warm Dense Crystallography using Two-Color X-ray Diffraction
LK21	XPP	SENSION, ROSEANNE	Investigating Structural Changes in Short-lived Excited States of Vitamin B12
LK24	XPP	SHPYRKO, OLEG	Role of the long-range order in a Mott insulator during ultrafast photo-excited phase transition
LK27	CXI	Standfuss, Joerg	Ultrafast structural dynamics of light-triggered membrane pumps and channels in native-like lipidic cubic phase
LK29	SXR	STAUB, URS	Ultrafast orbital occupancy dynamics of a Mott-Hubbard material determined by laser pump - RIXS probe measurements
LK30	SXR	Stohr, Jo	Elimination of X-Ray Absorption through Stimulated Elastic Forward Scattering
LK34	AMO	Thibault, Pierre	Wavefront sensing of individual pulses using ptychography
LK38	XPP	TRIGO, MARIANO	Nanoscale phonon transport across heterointerfaces
LK39	XPP	TRIGO, MARIANO	The role of phonons in the metal-insulator transition of VO ₂
LK43	CXI	Wang, Yun-Xing	RNA Structure Determination by SFX
LK45	CXI	Westenhoff, Sebastian	Signal generation in phytochromes studied by picosecond time-resolved SFX
LK47	CXI	YACHANDRA, VITTAL	Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using Simultaneous X-ray Emission Spectroscopy and Crystallography
LK48	SXR	YANO, JUNKO	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
LK53	XPP	Zickermann, Volker	High Resolution Studies of Eukaryotic Complex I by Serial Femtosecond Rotation Crystallography
LK54	AMO	Zwart, Petrus	The Development of Fluctuation X-ray Scattering for Structural Biology