

Scheduling LCLS Run 13

Ver 9: 6/15/16

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
	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																								LL41 He							DD
Day																								IH							
Night																								LK86 Albert							SPI

4/1/2016	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
	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	DD - SPI					IH Coffee		LL72 Mankowski						LM27 LL82	LM27 LM38	LL82			SPI	LL84	SPI	LL84	SPI	LK88				LL22	LL38	LL22
Night	IH	IH			IH Coffee		LL28 Glownia							LM27 LL82	LM27 LL82	Mon.			LL84	SPI	LL84	SPI	LL84	IH			Hartmann		LL22	

5/1/2016	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
	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	LL37 Harmand				LL78	LL36	LL20	LL78	LL20	LL36			LM23 Seaberg																		
Night	LL09 Coslovich					DD	DD	LL36	DD	LL78			LL58 Kraus																		
Night														IH	IH																

6/1/2016	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	
	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	PCS	LL02 Cherezov					LL86 Neutze		PCS			LM09 PCS	PCS	PCS							LL99 Chapman	LK89 Bean						LL25	
Day		IH	IH	LM11 Sacchi					LK85 Fritz		IH	LL04 Ulve.		LL04	LM04 Robinson																
Night		LL31 Gorkhover				IH			IH	LL34 Hantke				IH	IH	LM20 Schreck								LM47 Weik			IH			LL25	
Night																								LM01 Reis							

7/1/2016	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
	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
Day	IH	Fuoss						LM14 Saut.	LL14	PCS	LM16			LM51 Yachandra								LL94 Pfeifer						LL71	LM18	LK96	LM18
Day											IH	IH																LL44		LL44	
Night	LM52	LL25	LM52 Yano				LL13 Cao							LL29 Goncharov								LL48 Johnson					LM18	LK96	LM18	PCS	
Night																												LL44			

8/1/2016	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
	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	PCS		LL33 Hansen		DD				IH																						
Day	LL44					LL23 Fromme																									
Night	IH		LL05 Cohen		LM48	IH	IH		IH																						
Night																															

AMO SXR XPP XCS MFX CXI MEC

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

<u>Proposal #</u>	<u>Instrument</u>	<u>Spokesperson</u>	<u>Title</u>
LK86	MEC	ALBERT, FELICIE	X-ray absorption properties of warm dense iron heated by LCLS
LK88	CXI	AQUILA, ANDREW	X-ray measurements of the femtosecond dynamics in fullerenes
LK89	AMO	Bean, Richard	Direct phasing of finite protein crystals
LK96	MFX	Brunger, Axel	Using the LCLS to Determine the Structure of Neurexin1 β /LRRTM2 Complex
LL13	XPP	Cao, Yue	Ultrafast Control of the Magnetic Correlations in 5d Iridates by Stretching the Ir-O bond
LK99	AMO	CHAPMAN, HENRY	Coherent Diffractive Imaging of Quasi-Periodic 3D-DNA Nanostructures
LL02	CXI	CHEREZOV, VADIM	Femtosecond Crystallography of G protein-Coupled Receptors in Lipidic Cubic Phase
LL05	MFX	Cohen, Aina	Structural Studies of RNA Polymerase II transcription initiation and elongation
LL09	SXR	Coslovich, Giacomo	Ultrafast Dynamical Interplay of Charge Density Wave Order and Superconductivity in Cuprates
LL14	CXI	Demirci, Hasan	Time-resolved Serial Femtosecond X-ray kinetocrystallography of a Ribosomal Decoding Complex
LL20	MEC	Fletcher, Luke	The dynamic strength response of polycrystalline diamond near the Hugoniot elastic limit using x-ray diffraction
LL22	SXR	Freeland, John	Correlating Temporal Response of Electronic and Magnetic Degrees of Freedom in Strained Nickelates
LK85	XPP	Fritz, David	ELECTRON-PHONON COUPLING IN ARTIFICIAL VAN DER WAALS STACKS MADE OF TRANSITION METAL DICHALCOGENIDE ATOMIC LAYERS
LL23	CXI	Fromme, Petra	Light-induced Reaction Dynamics in Photosystem II crystals
LL25	XCS	FUOSS, PAUL	X-ray Correlation Spectroscopy of Atomic-Scale Dynamics in Liquids and Glasses
LL28	XPP	GLOWNIA, JAMES	Direct Imaging and Control of Non-Radiative Molecular Dynamics at the LCLS
LL29	MEC	Goncharov, Alexander	X-ray diffraction study of the phase transition mechanism from graphite to diamond under ultrafast compression
LL31	AMO	GORKHOVER, TAISIA	HIGH RESOLUTION "IN-FLIGHT" HOLOGRAPHY WITH MULTIPLE XENON CLUSTER REFERENCES
LL33	MEC	Hansen, Stephanie	Measuring L-shell iron line shapes at solid density
LL34	AMO	HANTKE, MAX	Carboxysomes: Structure of a Cell Organelle
LL36	MEC	HARMAND, MARION	X-ray diffraction study of (Fe,O) and (Fe,Si) alloys at high pressure for planetary modeling
LL37	XPP	HARMAND, MARION	Toward single-shot X-Ray Absorption Near Edge Spectroscopy
LL38	XPP	Hartmann, Nick	In situ high repetition rate X-ray arrival timing in liquid sheets

LL41	XCS	He, Wei	Field-induced density wave order in La _{2-x} Sr _x CuO ₄ (x=0.144): crossing the quantum phase transition line
LL44	XPP	Henighan, Tom	Discovering Anharmonic Decay Channels of Selectively-Excited Phonons
LL48	XPP	JOHNSON, STEVEN	Strongly driven coherent soft mode dynamics in a ferroelectric
LL58	MEC	Kraus, Dominik	Phase separation of hydrocarbons at conditions comparable to planetary interiors and the first shock in ICF
LL71	MFX	Lyubimov, Artem	In-chip X-ray analysis of protein microcrystals
LL72	SXR	Mankowsky, Roman	Charge transfer underlying light-induced superconductivity
LL78	MEC	McMahon, Malcolm	Ultrafast Diffraction Studies of Liquid-Liquid Phase Transitions in Cerium, and the Measurement of Off-Hugoniot States using a Diffraction Gauge
LL82	MEC	Monaco, Giulio	Low frequency structural dynamics of warm dense matter
LL84	CXI	NASS, KAROL	Radiation damage in protein crystals explored by 2-color X-ray pump - X-ray probe SFX
LL86	CXI	NEUTZE, RICHARD	Capturing sub-picosecond motions in photosynthetic reaction centers by TR-SFX
LL94	AMO	PFEIFER, THOMAS	X-ray imaging of laser-induced coherent dynamics in C ₆₀ fullerenes
LM01	XPP	REIS, DAVID	Atomic-scale view of strong-field processes in bulk crystals
LM04	XPP	ROBINSON, IAN	"Relaxor" Ferroelectric Behavior in Barium Titanate Nanoparticles by Pump-Probe Bragg Coherent Diffraction Imaging
LM09	CXI	Rousseau, Denis	Capturing Biology in Action: Reactive States of Cytochrome c Oxidase
LM11	XPP	Sacchi, Maurizio	Photo-induced magneto-structural phase transition in epitaxial MnAs/GaAs layers
LM14	CXI	SAUTER, NICHOLAS	Metalloprotein Oxidation States Probed by Crystallographic Anomalous Fine Structure
LM16	CXI	Schertler, Gebhard	Structural Dynamic Studies on the G Protein-Coupled Receptor Rhodopsin
LM18	CXI	SCHLICHTING, ILME	On FEL-induced pressure jumps
LM20	SXR	SCHRECK, SIMON	Selective driving of surface chemistry by femtosecond soft X-ray pulses
LM23	SXR	Seaberg, Matthew	Stabilization of Skyrmions through thermal fluctuations
LM27	CXI	Seuring, Carolin	A new era of fiber diffraction? Using serial fiber diffraction on graphene substrates to improve fiber alignment and background dramatically
LM38	CXI	Takacs, Christopher	Quantifying polymorphs and grain boundaries in organic semiconductors with nanobeam diffraction
LL04	XPP	Ulvestad, Andrew	Elucidating the role of strain in the anomalously low thermal conductivity of roughened nanowires
LM47	CXI	WEIK, Martin	Visualization of excited states in light-switchable fluorescent proteins by femtosecond time-resolved SFX

LM48	MFX	Weis, William	Crystal structure of an epithelial polarity protein
LM51	MFX	Yachandra, Vittal	Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using Simultaneous X-ray Emission Spectroscopy and Crystallography
LM52	MFX	YANO, JUNKO	XFEL Stochastic Spectroscopy of Biological and Biomimetic Systems