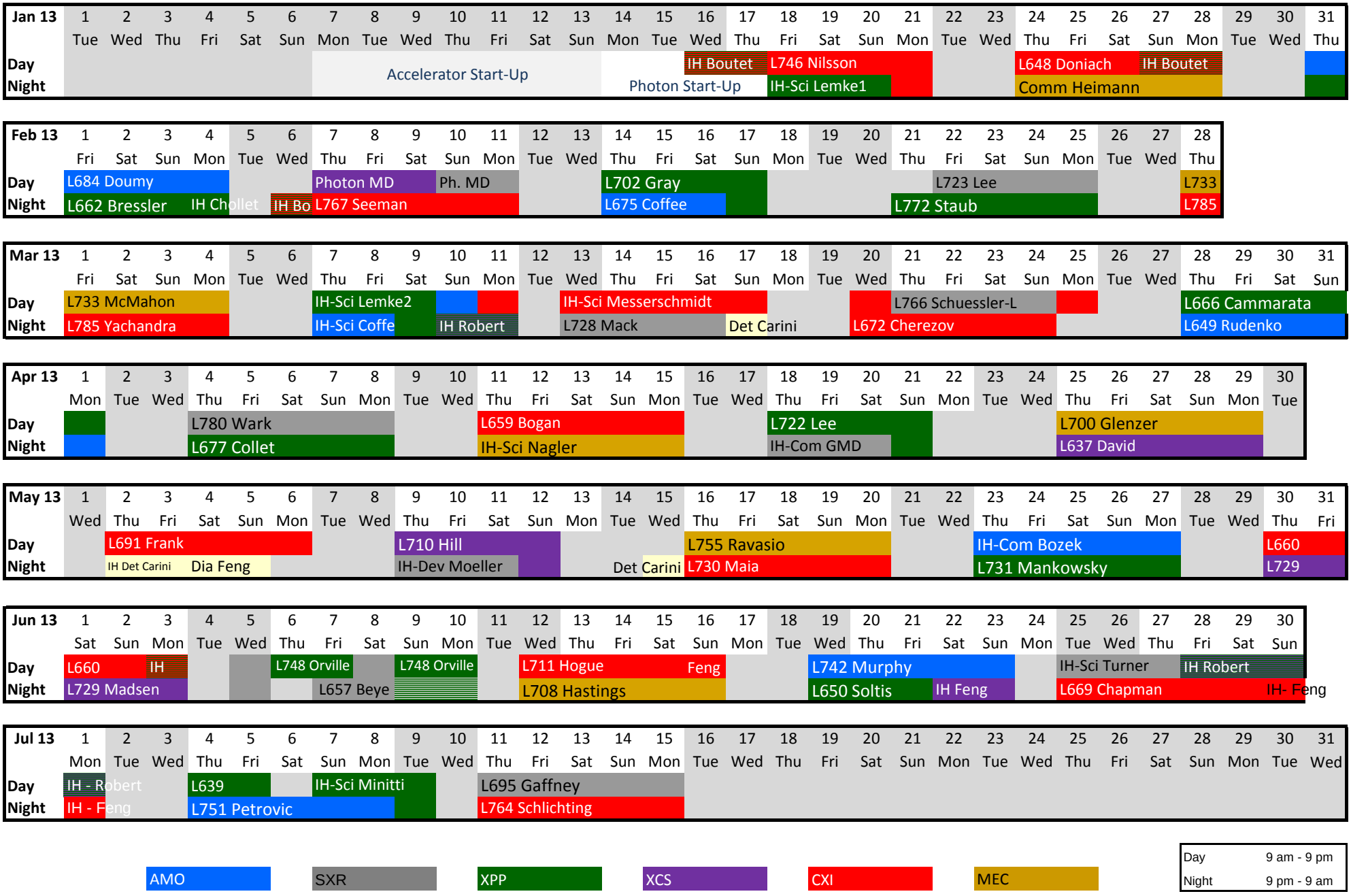
Scheduling LCLS Run 7

Ver 7: 05/07/13



Instr.	Prop #	Title	Spokes Person
XCS	L637	A grating-based delay line for x-ray pump x-ray probe experiments in the femtosecond range	DAVID, CHRISTIAN
XPP	L639	Coherent optical phonons in laser-excited Bi – once and for all!	SOKOLOWSKI-TINTEN, KLAUS
CXI	L648	Structure of ferrihydrite nanoparticles probed by correlated x-ray scattering	DONIACH, SEBASTIAN
AMO	L649	From a bound molecule to an isolated atom: internuclear-distance resolved Auger spectroscopy	RUDENKO, ARTEM
XPP	L650	Structure Determination of Metalloproteins using Femtosecond Crystallography	SOLTIS, S MICHAEL
SXR	L657	Following a complete chemical reaction in real time	BEYE, MARTIN
CXI	L659	Climate Change Aerosol Dynamics I: Single Particle Studies of Homogeneous/Heterogeneous Nucleation with the CXI Nanofocus	BOGAN, MICHAEL
CXI	L660	Exploration of the usefulness of seeded beam for serial femtosecond crystallography	BOUTET, SEBASTIEN
XPP	L662	Solvation Dynamics: The very first steps	BRESSLER, CHRISTIAN
XPP	L666	Ultrafast protein dynamics in solution	CAMMARATA, MARCO
CXI	L669	De novo phasing of diffraction of native proteins	CHAPMAN, HENRY
CXI	L672	Femtosecond nanocrystallography of G protein-coupled receptors in lipidic cubic phase	CHEREZOV, VADIM
AMO	L675	Spectrogram x-ray/optical cross-correlation: deconvolving carrier dynamics for pulse shape retrieval	COFFEE, RYAN
XPP	L677	Photoinduced phase transition molecular crystals : ultrafast, coherent and cooperative response	Collet, Eric
AMO	L684	Measuring Auger lifetime chemical sensitivity in the time domain	DOUMY, GILLES
CXI	L691	Advanced Imaging of 2-D Protein Crystals	FRANK, MATTHIAS
SXR	L695	Studying Charge Transfer Excited states in Coordination Chemistry with Atom Specific Core Hole Spectroscopy	GAFFNEY, KELLY
MEC	L700	First-principles compression measurements of Shocks using inelastic x-ray scattering at the Matter of Extreme Conditions end station	GLENZER, SIEGFRIED
XPP	L702	Electric-field-driven pure electronic-structure switching for next-generation ultrafast devices	Gray, Alexander
MEC	L708	Low frequency structural dynamics of warm dense matter	HASTINGS, JEROME
XPP	L710	Ultrafast Control of the Magnetic Hamiltonian in 5d Iridates	HILL, JOHN
CXI	L711	Molecular Structures from Correlated Fluctuations in Fast Solution Scattering	HOGUE, BRENDA

Instr.	Prop #	Title	Spokes Person
XPP	L722	Interplay between Antiferromagnetic and Structural Phase Transitions in Photo-excited Iron Pnictide BaFe2As2	LEE, WEI-SHENG
SXR	L723	Lattice-Driven Stripe Dynamics via Mode-selective Mid-IR Pump and Resonant X-ray Diffraction Probe	LEE, WEI-SHENG
SXR	L728	'Orbital' electronics in 2D materials	Mack, Stephanie
XCS	L729	Using a seeded FEL beam to access atomic-scale dynamics and the local structure of glasses	Madsen, Anders
CXI	L730	COHERENT DIFFRACTIVE IMAGING OF SINGLE RNA POLYMERASE II MOLECULES AND COMPLEXES AT THE LCLS	MAIA, FILIPE
XPP	L731	Nonlinear lattice dynamics during light induced superconductivity	Mankowsky, Roman
MEC	L733	Ultrafast Diffraction Studies of Phase Transformation Kinetics in Dynamically-Compressed Bismuth	McMahon, Malcolm
AMO	L742	Time-Resolved Dissociation Dynamics of Endohedral Ho3N@C80 Fullerenes Following Ho(3d) Photoionization Using a Novel X-Ray Split and Delay Instrument	Murphy, Brendan
CXI	L746	Concurrent Study of Water's Structure and Ice Nucleation in "No Man's Land"	NILSSON, ANDERS
XPP	L748	An acoustic droplet injector for serial femtosecond crystallography experiments	ORVILLE, ALLEN
AMO	L751	Initiating New Chemistry with Short X-ray Pulses: Multi-configuration Wavepackets	Petrovic, Vladimir
MEC	L755	Investigation of phase transitions of iron and iron alloys under extreme dynamic compression with XANES measurements	Ravasio, Alessandra
CXI	L764	Radiation damage in serial femtosecond macromolecular crystallography	SCHLICHTING, ILME
SXR	L766	Impact of the structural dynamics on the ultrafast demagnetization of the antiferromagnetic semiconductor EuTe	SCHUESSLER-L, CHRISTIAN
CXI	L767	Femtosecond nanocrystallography of designed DNA lattices	Seeman, Nadrian
XPP	L772	Resolving the Jahn-Teller and charge localization dynamics of charge- and orbital-order melting in a manganite	STAUB, URS
SXR	L780	Continuum Lowering in X-FEL Driven Solid Density Plasmas	WARK, JUSTIN
CXI	L785	Program Proposal: Taking Snapshots of O-O Bond Formation in Photosynthetic Water-Splitting Using Simultaneous X-ray Emission Spectroscopy and Crystallography	YACHANDRA, VITTAL