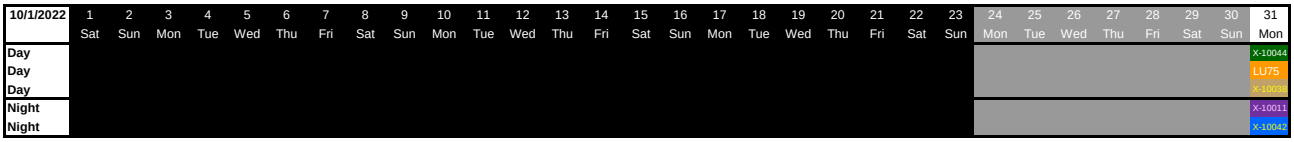
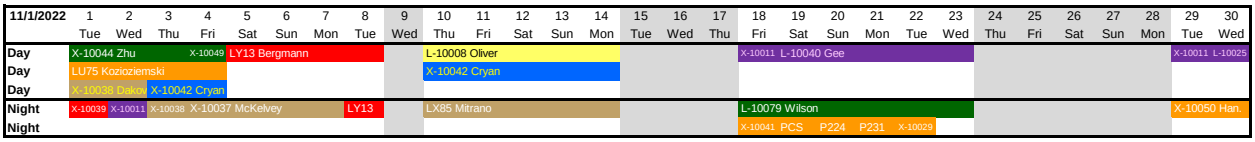
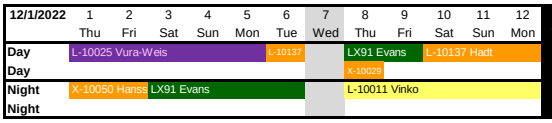
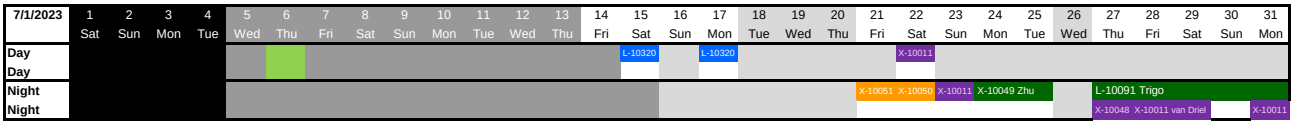
Scheduling LCLS Run 21

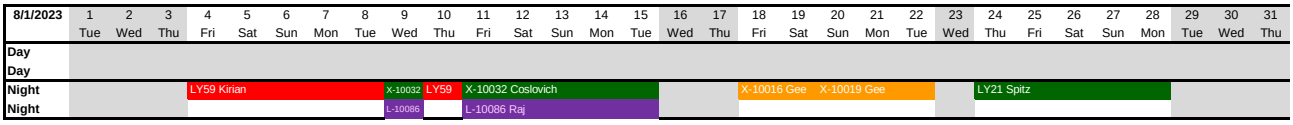
Ver 12: 10/19/2023

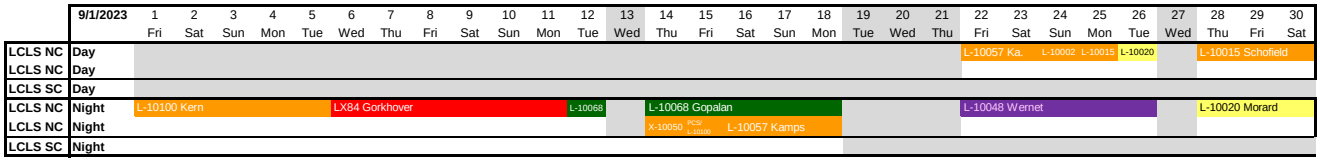


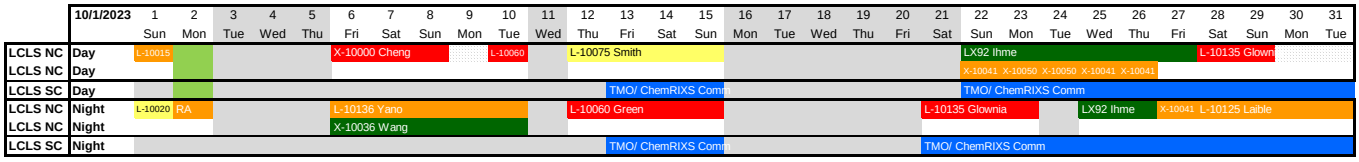


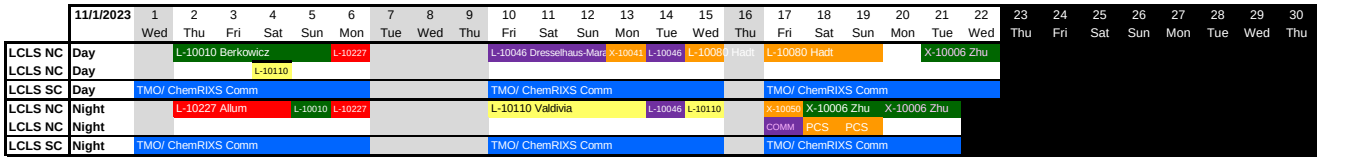












Prop No	Spokesperson	Title	Inst
L-10002	Schofield, Christopher	Rapid Access: Monitoring high-valent iron species in the iron dependant oxygenases IPNS, AlkB, Phd2 and AspH using tr-SFX and XES	MFX
L-10008	Oliver, Matthew	Experimental Measurements of Thermal Conductivity in Warm Dense Matter.	MEC
L-10010	Berkowicz, Sharon	Developing Split-pulse X-ray Speckle Visibility Spectroscopy for Resolving Atomic-Scale Dynamics in Aqueous Solutions	XPP
L-10011	Vinko, Sam	Direct measurements of non-thermal electron relaxation in solid-density plasmas	MEC
L-10015	Schofield, Christopher	Time-resolved SFX and XES studies on human 2OG dependent enzymes Phd2, AsphH and AlkB and the structurally related enzyme IPNS	MFX
L-10020	Morard, Guillaume	Did the Basal Magma Ocean exist in the Early Earth?	MEC
L-10025	Vura-Weis, Joshua	Understanding Electronic and Structural Dynamics in Iron-Porphyrin Photocatalysts	XCS
L-10040	Gee, Leland	Photomechanistic insights into NO- and HNO-evolving redox non-innocent nonheme iron-nitrosyl complexes.	XCS
L-10046	Dresselhaus-Marais, Leor	Resolving the Nanoscopic Formation of Defects in Metal Additive Manufacturing	XCS
L-10057	Kamps, Johannes	Time resolved SFX and XES studies of the heme containing enzyme systems, Cld and DyPs	MFX
L-10060	Green, Alice	Structural Insight into Norrish Type-I Reactions of Cyclic Ketones	CXI
L-10075	Smith, Raymond	Anisotropic Phase Transition Pathways in Zirconium	MEC
L-10079	Wilson, Stephen	Controlling 3D Charge Density Waves in Topological Kagome Materials with Light	XPP
L-10082	Shen, Lingjia	Picosecond Anomalous Acoustic Phonon Reconstruction close to the Long Wavelength Limit	XCS
L-10110	Valdivia Leiva, Maria Pia	High-resolution Talbot Phase-Contrast Imaging of Laser-driven Foams: Shock Dynamics Studies at the MEC instrument	MEC
L-10135	James Glownia	Ultrafast X-ray scattering beyond the Independent atom model	CXI
LU75	Kozioziemski, Bernard	Measuring liquid-liquid interdiffusion using optical interference coatings	MFX
LX84	Taisia Gorkhover	ATTOSECOND ELEMENT SPECIFIC X-RAY FLUORESCENCE IMAGING OF NANOGRATINGS	CXI
LX85	Matteo Mitrano	Light control of electronic interactions in the one-dimensional cuprate Sr2CuO3	ChemRIXS
LX91	Paul Evans	Magnon gap and dispersion in gadolinium iron garnet: towards ultrafast tools for spincaloritronics	XPP
LX92	Matthias Ihme	Ordinary Water? Examining the Effects of Hydrogen Bonds on the Structural Heterogeneities in Water at Supercritical Conditions	XPP
LY13	Uwe Bergmann	An X-ray Laser Oscillator at the Copper Kα1 line	CXI
LY21	Leonie Spitz	THz-driven manipulation of magnetoelastic dynamics in a spin-Peierls system	XPP
LY59	Richard Kirian	Nanodrop Fluctuation X-Ray Scattering for Imaging Molecules in Solution	CXI
L-10048	Wernet, Philippe	**CHEMISTRY SCIENCE CAMPAIGN**: Covalency campaign	XCS
L-10068	Venkatraman Gopalan	**MATERIALS SCIENCE CAMPAIGN**: Fluctuations, Emergence and Dynamics of Complex Topological Superstructures by Design	XPP
L-10080	Hadt, Ryan	**BIOLOGICAL SCIENCE CAMPAIGN**: Structural and Dynamic Basis for Quantum Effects in Enzyme Catalysis ñ ongoing campaign	MFX
L-10091	Trigo, Mariano	**MATERIALS SCIENCE CAMPAIGN**: Nonlinear couplings among collective modes in quantum materials	XPP
L-10100	Kern, Jan	**BIOLOGICAL SCIENCE CAMPAIGN**: Structural dynamics of metalloenzymes that catalyze reactions of small molecules relevant for the energy economy ongoing campaign	MFX
L-10136	Yano, Junko	**BIOLOGICAL SCIENCE CAMPAIGN**: Structural and Chemical Dynamics of Photosystem II During Light-Induced Water-Oxidation and Energy Conversion	MFX
L-10137	Hadt, Ryan	**BIOLOGICAL SCIENCE CAMPAIGN**: Structural and Dynamic Basis for Quantum Effects in Enzyme Catalysis ñ ongoing campaign	MFX
P224	Vadim Cherezov (SP)	**PROTEIN CRYSTAL SCREENING**: Fixed Target SFX of G protein-Coupled Receptors in Lipidic Cubic Phase	MFX
P231	Tonya Kuhl (SP)	**PROTEIN CRYSTAL SCREENING**: Characterization of a polymorphic membrane protein from chlamydia trachomatis in polymer-based fixed target chips for low-background, hydrated fixed target SFX	MFX
P-10002	Ilme Schlichting	**PROTEIN CRYSTAL SCREENING**: Oxygen activation in flavoproteins	MFX
P-10011	Brewster, Aaron	Small Molecule Studies of Metal Organic Framework Materials	MFX
X-10000	Cheng, Xinxin (SP)	Gas phase X-ray scattering at 20-24 keV photon energies	CXI
X-10001	Hunter, Mark (SP)	Data Set Collection for Exascale Computing Project	CXI
X-10006	Zhu, Diling (SP)	Nanometer-Nanoradian Stabilization of an Energy Tunable X-ray Bragg Optical System	XPP
X-10011	Van Driel, Tim (SP)	XCS Liquid standard configuration – Preparation and Optimization	XCS
X-10016	Gee, Leland (SP)	"Warm up" of the MFX Droplet-On-Tape Sample Delivery System	MFX
X-10019	Gee, Leland (SP)	Commissioning of the 6-element von Hamos Spectrometer Dedicated for MFX	MFX
X-10029	Hunter, Mark (SP)	A companion's guide for SFX experiments and data collection for training and outreach purposes	MFX
X-10036	Wang, Nan (SP)	An X-ray Pump X-ray Probe Survey of Ultrafast Material Structural Responses to Hard X-ray Excitations	XPP
X-10037	Mckelvey, Mark (SP)	ePixHR/UHR High-Rate Detector Beamline Testing	ChemRIXS
X-10038	Georgi Dakovski	ChemRIXS Commissioning	ChemRIXS
X-10039	Meng Liang	CXI Commissioning	CXI
X-10041	Alex Batyuk	MFX Commissioning	MFX
X-10042	James Cryan	TMO Commissioning	TMO
X-10044	Diling Zhu	XPP Commissioning	XPP
X-10048	Matthieu Chollet	XCS Training Camp	XCS
X-10049	Diling Zhu	XPP Training Camp	XPP
X-10050	Hansson, Conny	MFX Detector Testing	MFX
X-10051	Hansson, Conny	XCS Detector Testing	XCS