

MTW
4th Quarter

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FY24 MTW Facility Calendar

Revision 10 Sep 16, 2024

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign (Additional Activities)	PI (Additional Support)	Sub-Systems (Key Vacations)
1-Jul-24			LWFA	Holiday		Laser Wakefield Acceleration	M.V. Ambat	MTW SE, UDPTC (JS)
8-Jul-24			LWFA			Laser Wakefield Acceleration	M.V. Ambat	MTW SE, UDPTC (JS)
15-Jul-24			SHG-T			SHG Thin Crystal	I. Begishev	TBWP, CLARA, OPCPA, MTW GCC
22-Jul-24			SHG-T			SHG Thin Crystal	I. Begishev	TBWP, CLARA, OPCPA, MTW GCC (MVA)
29-Jul-24			SHG-T			SHG Thin Crystal	I. Begishev	TBWP, CLARA, OPCPA, MTW GCC
5-Aug-24			Maint			Maintenance	I. Begishev	(IB)
12-Aug-24			SHG-T		BC	SHG Thin Wrap Up Operational Joint-Baseline Campaign	C. Jeon (IB)	TBWP, CLARA, OPCPA, MTW SE
19-Aug-24			LWFA			Laser Wakefield Acceleration	M.V. Ambat	MTW SE, UDPTC
26-Aug-24			LWFA			Laser Wakefield Acceleration	M.V. Ambat	MTW SE, UDPTC
2-Sep-24	Holiday		CML			CML	S. Bucht (IB,SQ)	TBWP, CLARA, OPCPA,
9-Sep-24			CML			CML	S. Bucht (IB,SQ)	TBWP, CLARA, OPCPA,
16-Sep-24			Maint			Maintenance	C. Mileham	Laser Signage
23-Sep-24			PLD Prep			Pulsed Laser Damage Prep	I. Begishev	GCC, STC

	Maint & Reconfiguration
	Laser Development
	Experiment Spherical Target Chamber
	Experiment UDP Target Chamber
	Experiment Other
	Baseline Campaign
	Joint Facility Efforts

Standard LDL Sub-systems
TBWP- Time Bandwidth Product Laser
CLARA- Crystal Large Aperture Ring Amplifier
OPCPA- Optical Parametric CPA
RA- Rod Amplifier
DA- Disk Amplifier
MTWGCC-MTW Compression Chamber
STC- Spherical Target Chamber
UDPTC- Under Dense Plasma Target Chamber
UDPE- Under Dense Plasma Laser
N5 Pump- Pump for NOPA 5

MTW OPAL
4th Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign (Additional Activities)	PI (Additional Support)	Sub-Systems (Key Vacations)
1-Jul-24			Maint	Holiday		Maintenance (UFE - Fiber Amplifiers)	R. Roides (SB)	UFE
8-Jul-24			BC			Baseline Campaign	S. Bucht (RR)	UFE, CLARA, N4,
15-Jul-24			PCC			PCC Install	M. Spilatro	LASERS OFF
22-Jul-24			PCC			PCC Install	M. Spilatro	LASERS OFF (MVA)
29-Jul-24			PCC			PCC Install	M. Spilatro	LASERS OFF (MS)
5-Aug-24			BC			Operational Baseline Campaign	C. Jeon (RR)	UFE, CLARA, N4, OPAL GCC (IB)
12-Aug-24			BC			Operational Joint-Baseline Campaign	C. Jeon (RR)	UFE, CLARA, N4, OPAL GCC
19-Aug-24			LWFA			Laser Wakefield Acceleration	M.V. Ambat	UFE, CLARA, N4, OPAL GCC
26-Aug-24			LWFA			Laser Wakefield Acceleration	M.V. Ambat	UFE, CLARA, N4, OPAL GCC
2-Sep-24	Holiday		Maint			PCC Tracking	M. Spilatro	LASERS OFF
9-Sep-24			Maint			Environmentals	C. Mileham	LASERS OFF
16-Sep-24			Training			UFE training	R. Roides (ND)	UFE, CLARA, N4
23-Sep-24			Spider			Spider Optimization	B. Webb	UFE, CLARA, N4,

Standard LDL Annex Sub-systems
UFE- Ultra Broadband Front End
CLARA- Crystal Large Aperture Ring Amplifier
N4- NOPA4
N5 seed- NOPA5 seed unamplified
N5 amp- NOPA5 amplified
OPAL GCC- OPAL Compression Chamber
DCP- Diagnostic compressor package
PCC- Pulse Conditioning Chamber
AVC- Auxillary Vacuum Chamber