

MTW
4th Quarter

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FY25 MTW Facility Calendar

Revision 1 May 30, 2025								
Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign (Additional Activities)	PI (Additional Support)	Sub-Systems (Key Vacations)
30-Jun-25			PLD		Holiday	Pulsed Laser Damage	K. Swanson	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, CTC
7-Jul-25			Maint			Maintenance	I. Begishev	
14-Jul-25			Maint			Maintenance	I. Begishev	
21-Jul-25			F LBO			Fused LBO	C. Dorrer	TBWP, CLARA
28-Jul-25			DLWFA prep			Dephasingless Laser Wake Field Prep	I. Begishev	
4-Aug-25			DLWFA			Dephasingless Laser Wake Field	C. Arrowsmith (IB)	TBWP, CLARA, OPCPA, RA, DA, N5 Pump, UDPTC
11-Aug-25			SHG Thin			SHG Thin	I. Begishev	TBWP, CLARA, OPCPA, RA, DA, N5 Pump
18-Aug-25			Maint			Maintenance	I. Begishev	
25-Aug-25			PLD			Pulsed Laser Damage	K. Swanson	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, CTC
1-Sep-25	Holiday		DLWFA prep			Dephasingless Laser Wake Field Prep	I. Begishev	
8-Sep-25			DLWFA			Dephasingless Laser Wake Field	C. Arrowsmith (IB)	TBWP, CLARA, OPCPA, RA, DA, N5 Pump, UDPTC
15-Sep-25			SHG Thin			SHG Thin	I. Begishev	TBWP, CLARA, OPCPA, RA, DA, N5 Pump
22-Sep-25			SMI			Spherical Multilayer Imager	C. Stoeckl (IB,CM,ND)	TBWP, CLARA, OPCPA, RA, DA, MTW 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)
30-Jun-25			PMD		Holiday	Plasma Mirror Dev.	C. Jeon	UFE, CLARA, N4, AVC
7-Jul-25			Maint					
14-Jul-25			Contrast			Contrast Post Ped	B. Webb	UFE
21-Jul-25			Contrast			Contrast Post Ped	B. Webb	UFE
28-Jul-25			DLWFA prep			Dephasingless Laser Wake Field Prep	S. Bucht	
4-Aug-25			DLWFA			Dephasingless Laser Wake Field	C. Arrowsmith (RR)	UFE, CLARA, N4, N5amp OPALGCC
11-Aug-25			SHG Thin			SHG Thin	I. Begishev	UFE, CLARA, N4, N5amp AVC
18-Aug-25			Contrast			Contrast	B. Webb	UFE, CLARA, N4, DCP
25-Aug-25			Contrast			Contrast	B. Webb	UFE, CLARA, N4, DCP
1-Sep-25	Holiday		DLWFA prep			Dephasingless Laser Wake Field Prep	S. Bucht	
8-Sep-25			DLWFA			Dephasingless Laser Wake Field	C. Arrowsmith (RR)	UFE, CLARA, N4, N5amp OPALGCC
15-Sep-25			SHG Thin			SHG Thin	I. Begishev	UFE, CLARA, N4, N5amp AVC
22-Sep-25			SPC			Spider Phase Characterization	B. Webb (SB)	UFE, CLARA, N4, DCP OPAL GCC

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