### FY24 MTW Facility Calendar

**4th Quarter**

**Revision 6 July 8, 2024**

<table>
<thead>
<tr>
<th>Week Starting</th>
<th>Mon</th>
<th>Tue</th>
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<th>Thur</th>
<th>Fri</th>
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</thead>
<tbody>
<tr>
<td>1-Jul-24</td>
<td>LWFA Holiday</td>
<td>Laser Wakefield Acceleration</td>
<td>M.V. Ambat</td>
<td>MTW SE, UDPTC (JS)</td>
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<tr>
<td>8-Jul-24</td>
<td>LWFA</td>
<td>Laser Wakefield Acceleration</td>
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<td>MTW SE, UDPTC (JS)</td>
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</tr>
<tr>
<td>15-Jul-24</td>
<td>SHG-T</td>
<td>Thin Crystal</td>
<td>I. Begishev</td>
<td>TBWP, CLARA, OPCPA, MTW GCC (MVA)</td>
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<tr>
<td>22-Jul-24</td>
<td>SHG-T</td>
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<tr>
<td>5-Aug-24</td>
<td>Maint</td>
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<td>I. Begishev</td>
<td>(IB)</td>
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</tr>
<tr>
<td>12-Aug-24</td>
<td>BC</td>
<td>Operational Joint-Baseline Campaign</td>
<td>C. Jeon</td>
<td>TBWP, CLARA, OPCPA, MTW SE</td>
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<td>19-Aug-24</td>
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<tr>
<td>16-Sep-24</td>
<td>F LBO</td>
<td>Fused LBO</td>
<td>C. Dorner</td>
<td>TBWP, CLARA</td>
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<tr>
<td>23-Sep-24</td>
<td>LWFA Prep</td>
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<td>15-Jul-24</td>
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**Sub-Systems**

- MTW GCC
- MTW SE
- UDPTC
- MVA
- JS
- LS
- IB
- OPAL GCC

**Key Vacations**

- Key Vacations: Holiday, Maint

**Additional Activities**

- (IB): IB (Intrasite Baseline)
- (LS): LS (Laser Science)
- (RC): RC (Remote Control)
- (IB,RC): IB (Intrasite Baseline) and RC (Remote Control)

**Campaigns**

- Laser Wakefield
- SHG: Second Harmonic Generation
- LWFA: Laser Wakefield Acceleration
- Holiday

**PI**

- M.V. Ambat
- I. Begishev
- S. Bucht
- C. Jeon
- M. Spilatro

**MTW OPAL**

- MTW OPAL 4th Quarter

**MTW Weeks**

- Week 1: 1-Jul-24 to 7-Jul-24
- Week 2: 8-Jul-24 to 14-Jul-24
- Week 3: 15-Jul-24 to 21-Jul-24
- Week 4: 22-Jul-24 to 28-Jul-24
- Week 5: 29-Jul-24 to 4-Aug-24
- Week 6: 5-Aug-24 to 11-Aug-24
- Week 7: 12-Aug-24 to 18-Aug-24
- Week 8: 19-Aug-24 to 25-Aug-24
- Week 9: 26-Aug-24 to 1-Sep-24
- Week 10: 2-Sep-24 to 8-Sep-24
- Week 11: 9-Sep-24 to 15-Sep-24
- Week 12: 16-Sep-24 to 22-Sep-24
- Week 13: 23-Sep-24 to 29-Sep-24

**MTW 4th Quarter**

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- 8-Jul-24
- 15-Jul-24
- 22-Jul-24
- 29-Jul-24
- 5-Aug-24
- 12-Aug-24
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**Laser Development**

- TBWP: Time Bandwidth Product Laser
- UFE: Ultra Broadband Front End
- CLARA: Crystal Large Apex Ring Amplifier
- OPCPA: Optical Parametric CPA
- DA: Disk Amplifier
- RA: Rod Amplifier
- MTW GCC: MTW Compression Chamber
- STC: Spherical Target Chamber
- UDPTC: Under Dense Plasma Target Chamber
- UDPE: Under Dense Plasma Laser
- NS Pump: Pump for NOPA 5

**Experiment Spherical Target Chamber**

- CLARA: Crystal Large Apex Ring Amplifier

**Experiment Other**

- OPAL GCC: OPAL Compression Chamber
- DCP: Diagnostic compressor package
- AVC: Auxillary Vacuum Chamber

**Baseline Campaign**

- UFE, CLARA, N4, N5 amp

**Joint Facility Efforts**

- NS- NOPA4
- N5 seed: NOPAS seed unamplified
- N5 amp- NOPAS amplified
- OPAL GCC- OPAL Compression Chamber
- PCC: Pulse Conditioning Chamber