

Center for Matter at Atomic Pressures

Call for Proposal Experiments

Omega Laser Facility, Laboratory for Laser Energetics, University of Rochester

Applications Due: **March 7, 2025**
Notifications Sent: **April 2025**
Updated Summary Slides Due: **April 7, 2025**
Experiments Conducted: **FY2026: October 2025 to September 2026**

Overview

The Center for Matter at Atomic Pressures (CMAP) is issuing a call for proposal experiments on the Omega Laser Facility at the Laboratory for Laser Energetics (LLE), University of Rochester, during Fiscal Year (FY) 2026. CMAP expects to allocate about 5-6 days of facility time for this call for experiments from October 2025 to September 2026.

For information about the Omega Laser Facility and further information about the Laboratory Basic Science (LBS) program, including a User's Guide, please visit: <https://www.lle.rochester.edu/>. Questions relating to the Omega Laser Facility, the current experimental capabilities and this call for proposal should be addressed to HEDP Group Leader, Ryan Rygg: rygg@lle.rochester.edu.

Award Information

- Users' institutions are generally responsible for travel and target expenses as well as any significant consumables required by the experiment.
- Expected Number of Awards: 6 shot days
- Award Size: minimum allotment = 1 day for OMEGA EP; maximum allotment for each award will be limited to 1 day per year
- Required Acknowledgement for Successful Applications:
 - "The experiment was conducted at the Omega Laser Facility with the beam time provided under the auspices of the Center for Matter at Atomic Pressures (CMAP), a National Science Foundation (NSF) Physics Frontiers Center, under Award PHY-2020249. Any opinions, findings, conclusions or recommendations expressed in this material are those of the investigator(s) and do not necessarily reflect those of the National Science Foundation."

Application Package

- Submit: Cover (1-page template); Executive Proposal Summary (1-page template); Facility Experimental Configuration Summary (2-page template); Project Narrative (5-page limit); Bibliography and References Cited; Biographical Sketches for the PI and up to 5 additional key team members; and Funding Sources. Merge all into one single PDF file.
- Submit: 6-slide summary (see template and examples). Separate PPT file.
- Email the single PDF and PPT files (two attachments) to adriana.cabiedes@rochester.edu.