

MULTI-PETAWATT DIAGNOSTIC COMMUNITY WORKSHOP

A Workshop for Advancing Diagnostic Science at Multi-Petawatt Facilities



DATE:

MAY 21–22 2026

LOCATION:

M UNIVERSITY OF MICHIGAN

- This workshop will bring together researchers, diagnostic scientists, and engineers advancing technologies for multi-petawatt (MPW) laser facilities
- It will focus on diagnostic needs in high-energy-density, plasma, and laser science, emphasizing tools for extreme photon, particle, and field environments
- The workshop aims to identify diagnostic gaps, foster cross-facility collaborations, and define a roadmap for advancing MPW diagnostics
- The committee invites whitepapers on challenges, emerging techniques, and collaborative solutions
- Submissions will guide breakout discussions and shape the agenda
- Learn more and submit at: nsf-opal.rochester.edu



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