

Abstract Submitted
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Target Fabrication for OMEGA Campaigns at the University of Michigan¹ S.R. KLEIN, R.P. DRAKE, C.C. KURANZ, M.J. GROSSKOPF, D.C. MARION, C.M. HUNTINGTON, C. DI STEFANO, C.M. KRAULAND, E.J. GAMBOA, R.S. GILLESPIE, University of Michigan — The University of Michigan has been fabricating targets for OMEGA campaigns since 2003. These experiments explore supernova-relevant high-energy-density physics. Using an automated system of stages and through the ever innovated designs of University of Michigan graduate students, our targets have become increasingly sophisticated. Our systematic approach has earned us repeatability that is reflected in our successful data. A large portion of our target fabrication is accomplished by our undergrads, whose involvement has proven to be invaluable. We present improvements in our capability techniques and their results from recent campaigns.

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