


**Forthcoming Publications**


J. Delettrez and E. Epperlein, "Comments on 'Modified Nonlocal Heat-Transport Formula for Steep Temperature Gradients'," to be published in *Physics Review A*.

J. Delettrez, R. Epstein, D. K. Bradley, P. A. Jaanimagi, R. C. Mancini, and C. F. Hooper, "Hydrodynamic Simulations, with Non-LTE Atomic Physics,


Conference Presentations


The following presentations were made at the SPIE CAN-AM Eastern '90; Session IV: Components and Systems: Design, Manufacturing & Testing, Rochester, NY, 4–5 October 1990:

D. Golini and S. D. Jacobs, “Brittle and Ductile Mode Loose Abrasive Grinding: An Examination of Surface Stresses in ULE.”


The following presentations were made at the International Workshop on Radiative Properties of Hot Dense Matter, Sarasota, FL, 22–26 October 1990:


The following presentations were made at the OSA Annual Meeting, Boston, MA, 4–9 November 1990:


The following presentations were made at the Thirty-Second Annual Meeting, Division of Plasma Physics (APS), Cincinnati, OH, 12–16 November 1990:


R. S. Craxton and W. Seka, “The Production of Long-Scale-Length Plasmas on OMEGA.”


J. Delettrez, “Modeling the Burnthrough Experiments with an Interactive Mix Model in LILAC.”


P. A. Jaanimagi, J. Kelly, R. Keck, and W. Seka, “Pulse Shape and Power Balance Measurements on OMEGA.”


S. Letzring, S. Skupsky, R. Short, R. Epstein, J. P. Knauer, and F. J. Marshall, “Implementation and Initial Experimental Results of 9 GHz SSD on OMEGA.”

G. G. Luther, C. J. McKinstrie, and M. V. Goldman, “Two-Dimensional Instabilities of Counterpropagating Light Waves.”


C. J. McKinstrie, M. V. Goldman, and G. G. Luther, “Two-Dimensional Instabilities of Counterpropagating Light Waves.”


R. W. Short, “The Effect of Refraction on Filamentation.”

A. Simon, “Analysis of 90° Brillouin Scattering Experiments.”


The following presentations were made at the Materials Research Society 1990 Fall Meeting, Boston, MA, 26 November – 1 December 1990:


ACKNOWLEDGMENT

The work described in this volume includes current research at the Laboratory for Laser Energetics, which is supported by Empire State Electric Energy Research Corporation, New York State Energy Research and Development Authority, Ontario Hydro, the University of Rochester, and the U.S. Department of Energy Division of Inertial Fusion under agreement No. DE-FC03-85DP40200.