PUBLICATIONS AND CONFERENCE PRESENTATIONS

Publications


**Forthcoming Publications**


W. Watson, "Vacuum-Assisted Contaminated Particulate Removal," to be published in the *Journal of Vacuum Science and Technology*.


P. Maine and G. Mourou, "Amplification of 1 ns Pulses in Nd:Glass Followed by Compression to 1 ps," to be published in *Optics Letters*.


Conference Presentations

The following presentations were made at the 4th Topical Meeting on Optical Interference Coatings, Tucson, AZ, 12-15 April 1988:

C. J. Hayden and E. Spiller, “Large Area Coatings with Uniform Thickness Fabricated in a Small Vacuum Chamber.”


The following presentations were made at the Conference on Superconductivity and Applications, Buffalo, NY, 18-21 April 1988:

G. Mourou, D. Dykaar, J. Chwalek, and J. Whitaker, “Superconducting Interconnects.”

The following presentations were made at CLEO '88, Anaheim, CA, 25–29 April 1988:

S. Williamson, “Millimeter Depth Resolution, Streak-Camera-Based Lidar.”

P. Maine and G. Mourou, “Amplification of 1-ns Pulses in Nd:Glass Followed by Compression to 1 ps.”


J. Nees, “>100-GHz Velocity-Matched Traveling Wave Modulator.”


The following presentations were made at the 6th Target Fabrication Specialists’ Meeting, Los Alamos, NM, 20–24 June 1988:


The following presentations were made at the Upstate New York Chapter of the American Vacuum Society, Rochester, NY, 22–24 June 1988:


C. J. Hayden and E. Spiller, “Large Area Coatings with Uniform Thickness Fabricated in a Small Vacuum Chamber.”


The following presentations were made at the 18th Annual Anomalous Absorption Conference, l’Estere1, Quebec, 26 June–14 July 1988:


R. S. Craxton, “Two-Dimensional Hydrodynamics and Refraction in X-Ray Laser Experiments.”

E. M. Epperlein, "Non-Local Thermal Smoothing Effects in Laser-Produced Plasmas."


R. W. Short, "The Effect of Self-Focusing on Hot Spots in Multiple-Beam Illumination Geometries."


D. D. Meyerhofer, R. S. Craxton, and J. Delettrez, "Calculations of Collisional Energy Deposition in Short-Scale-Length Plasmas."


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 Office of Inertial Fusion under agreement No. DE-FC08-85DP40200.