Publications and Conference Presentations

Publications


D. Fried, R. E. Glena, J. D. B. Featherstone, and W. Seka, “Permanent and Transient Changes in the Reflectance of CO$_2$ Laser-Irradiated Dental Hard Tissues at $\lambda = 9.3, 9.6, 10.3,$ and $10.6 \mu m$ and at Fluences between 1–20 J/cm$^2$,” to be published in Lasers in Surgery and Medicine.


A. Simon, “Comparison Between SBS Theories and Experiment,” to be published in the Proceedings of the LaJolla Summer School ’95, Plasma Physics and Technology (AIP).


M. D. Wittman, R. Q. Gram, H. Kim, C. K. Immesoete, S. G. Noyes, and S. Scarantino, “Increased Retention Time for Hydrogen and Other Gases by Polymer Shells Using Opti-
cally Transparent Aluminum Layers,” to be published in the Journal of Vacuum Science and Technology.


The following presentations were made at the Twelfth Topical Meeting on Advanced Solid-State Lasers, Orlando, FL, 27–29 January 1997:


The following presentations were made at the Second International Workshop on Laser Plasma Interaction Physics, Banff, Alberta, Canada, 19–22 February 1997:


R. W. Short and A. Simon, “Collisionless Damping of Plasma Waves Propagating in Filaments and Consequences for SRS in Filaments.”


The following presentations were made at Ultrafast Electronics and Optoelectronics, Incline Village, NV, 17–21 March 1997:

K. Green, M. Lindgren, T. Y. Hsiang, R. Sobolewski, and L. Fuller, “Picosecond Photoresponse in Polycrystalline Silicon.”


The following presentations were made at the 1997 Applications of High Field and Short Wavelength Sources VII (OSA), Santa Fe, NM, 19–22 March 1997:

