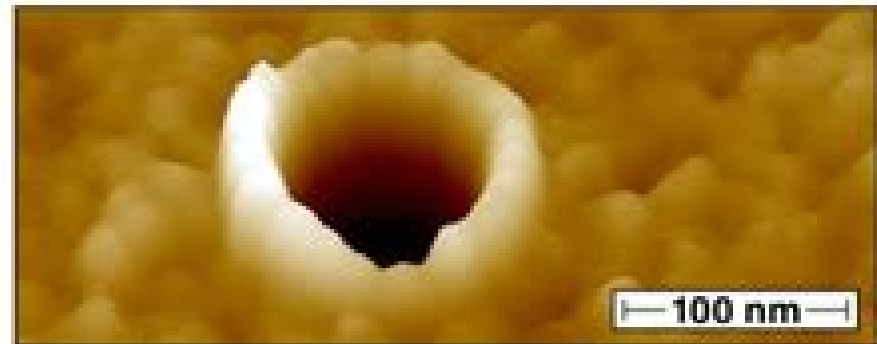
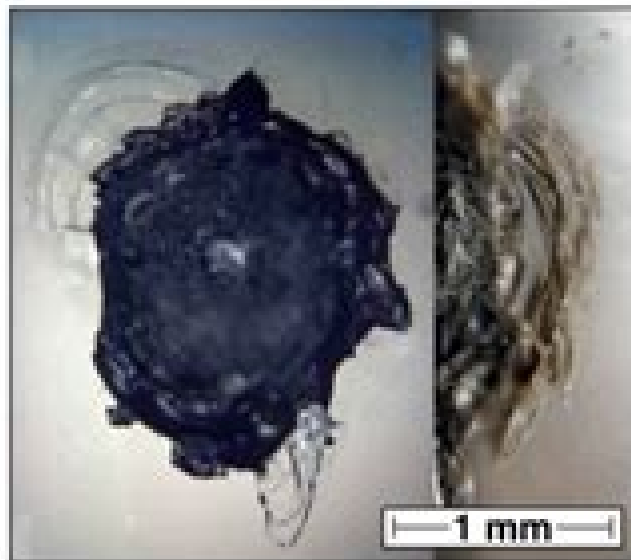


# Laser-Induced Surface Damage of Optical Materials: Absorption Sources, Initiation, Growth, and Mitigation



S. Papernov and A. W. Schmid  
University of Rochester  
Laboratory for Laser Energetics

Boulder Damage Symposium  
Boulder, CO  
22 September 2008

# Laser Induced Damage In Optical Material

**Patrick Vollmar**



## **Laser Induced Damage In Optical Material:**

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Emphasizes a morphological and phenomenological approach to the study of laser induced damage Presents a pictorial record of many of the different phenomena observed as well as a discussion of scaling laws cumulative damage and measurement techniques Helpful appendices provide typical damage thresholds for numerous optical materials over a wide range of wavelengths Useful for optical and laser physicists optical system designers and engineers laser and optical coating manufacturers and students taking courses in optoelectronics lasers and electro optics      **Laser Induced Damage in Optical material: 1985** ,      **Laser Induced Damage in Optical Materials, 1977** Alexander J. Glass,Arthur Henry Guenther,1978      **Laser Induced Damage in Optical Materials, 1975** Alexander J. Glass,Arthur Henry Guenther,1976  
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