

Abstract Submitted
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Study of scattering points on LIGO mirror LAMAR GLOVER, RICCARDO DESALVO, California State University, Los Angeles, BILL KELLS, Cal Tech, INNOCENZO PINTO, Universita del Sannio, LIGO COLLABORATION — Light scatterers on the surface of the dielectric mirrors of Gravitational Wave detectors are responsible for a large fraction of the stored beam light losses, and limit the sensitivity and range of detection of observations. Spatial and amplitude distribution studies of these scatterers on LIGO mirrors are attempted, in an effort to identify common characteristics of the scattering points.

Lamar Glover
California State University, Los Angeles

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