

Abstract

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Paper for presentation at The International Symposium on Optical Science and Technology, SPIE's 48th Annual Meeting on August 3-8, 2003 in San Diego, CA

Title: Scope and Objective of the Terrestrial Planet Finder Coronagraph Study

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This paper and oral presentation will describe the technology studies, the testbeds, and the architecture studies that will enhance the understanding and viability of a Terrestrial Planet Finder Coronagraph. Topics to be described are: past years studies, the High Contrast Imaging Testbed, the Technology Demonstration Mirror, investigation of masks and stops, the modeling effort, and the design development and evaluation. The interplay between these topics will be illustrated graphically to show interrelationships.