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# Exoplanetary System Reconnaissance with LBTI: Warm Dust and Giant Planets

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## Abstract

Emission from zodiacal dust disks in other planetary systems, is both a noise source for future exoplanet imaging missions and a signpost of rocky material in, or near, the habitable zone. The LBT Interferometer has been designed to discover and characterize faint exozodiacal dust around nearby stars. I will summarize what we currently know about this dust and what we aim to learn with the LBTI's survey, the Hunt for Observable Signatures of Terrestrial Planets (HOSTS), along with its companion survey, LEECH, designed to identify wide-orbit giant planets a similar sample of stars. As an example of this, I will discuss the characterization the beta Leo system with both HOSTS and LEECH.

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