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Presentation Title: “Zodiac II: Debris Disk Imaging Potential”  
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First Author: Wesley Traub  
FA Affiliation: JPL  
First Co-Author: Geoff Bryden  
First Co-Author Affiliation: JPL  
Second Co-Author: Karl Stapelfeldt  
Second Co-Author Affiliation: GSFC  
Additional Authors: Pin Chen, John Trauger, and 9 others  
Additional Author Affiliations: JPL

Abstract:  
Zodiac II is a proposed coronagraph on a balloon-borne platform, for the purpose of observing debris disks around nearby stars. Zodiac II will have a 1.2-m diameter telescope mounted in a balloon-borne gondola capable of arc-second quality pointing, and with the capability to make long-duration (several week) flights. Zodiac II will have a coronagraph able to make images of debris disks, meaning that its scattered light speckles will be at or below an average contrast level of about $10^{-7}$ in three narrow (7 percent) bands centered on the V band, and one broad (20%) one at I band. We will discuss the potential science to be done with Zodiac II.