

**Abstract for 11th Low Cost Planetary Missions Conference
June 9-11, 2015, Berlin, Germany**

Space-based Solar System Surveys

Lee, R., Jet Propulsion Laboratory; Alcock, C., Smithsonian Astrophysical Observatory; Mainzer, A., Jet Propulsion Laboratory

Space-based telescopes provide the opportunity to perform solar system surveys that cannot be done from the ground. This presentation describes two mission concepts which were recently submitted to the NASA Discovery call: NEOCam, a IR telescope to survey Near Earth Objects, asteroids, and comets, and Whipple, an optical telescope which uses blind occultation to detect objects in the Kuiper Belt and Oort Cloud.