

Interplanetary Dust: Observations and Modeling from Earth to the Kuiper Belt

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Dust can often obscure astronomical observations especially in the optical and infrared portions of the spectrum. This often leads to the unfair stigmatization of interplanetary and interstellar dust as being a nuisance. However, dust also serves as an important information carrier. Dust acts like breadcrumbs left over from planetary formation and evolutionary processes such as collisions and outgassing. I will present up-to-date measurements from the Student Dust Counter aboard the New Horizons spacecraft as well as current models used to describe the interplanetary dust population in the inner and outer solar system.