

Interstellar dust studies with in-situ measurements from spacecraft and observations from Earth

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The existence of interstellar dust in the solar system opens an exciting opportunity to study these particles. A unique fleet of spacecraft explores the inner heliosphere for years to come and will allow us to investigate the interstellar dust there. I will discuss these missions and possible interstellar dust observations. In addition, interstellar meteors have been searched ever since the Ulysses discoveries of interstellar dust in the solar system. New opportunities come up to search for interstellar meteors by using advanced radar and advanced analysis tools. I intend to combine space and meteor observations to investigate interstellar dust and my presentations will address the link between these different observations.