



# My Place in Space



United States of America



Earth



The Solar System



The Milky Way Galaxy



Heliosphere

## HELIOSPHERE

The interstellar boundary is created as the Sun's solar wind collides with the interstellar medium. The solar wind blows out into space, carving a protective bubble around the Solar System called the **HELIOSPHERE**. The place where the solar wind stops is called the **HELIOPAUSE**, which is the boundary of the Solar System.

The IBEX spacecraft will orbit the Earth and collect very small particles. These particles will provide information about the Solar System's boundary, allowing scientists to map the boundary.

# Greetings from space!

Please write about your pretend journey past the boundary of our Solar System below. Describe the real and imaginary boundaries you crossed on your journey.



**Name:**

**Street:**

**City, State:**

**Country:**

**Planet:**

**System:**

**Boundary of System:**

**Galaxy:**