

**PIENAAR ENERGY (PTY) LTD**

# Medium solar system



## Overview

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The interplanetary medium (IPM) or interplanetary space consists of the mass and energy which fills the Solar System, and through which all the larger Solar System bodies, such as planets, dwarf planets, asteroids, and comets, move. The heliospheric current sheet results from the influence of the Sun 's rotating magnetic field on the plasma in the interplanetary medium., magnetic and electric) that pervade this region of space. The material components of the interplanetary medium consist of neutral hydrogen, plasma gas. Upon completion of this chapter, you will be able to classify objects within the solar system, state their distances of in terms of light-time, describe the Sun as a typical star, relate its share of the mass within the solar system, and compare the terrestrial and Jovian planets.

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### Chapter 1: The Solar System

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## Solar System Review

The Sun contains 99.85% of all the matter in the Solar System. The planets, which condensed out of the same disk of material that formed the Sun, contain only 0.135% of the mass of the solar system.



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### Interplanetary medium , Solar System, Astronomy & Physics , Britannica

Interplanetary medium, thinly scattered matter that exists between the planets and other bodies of the solar system, as well as the forces (e.g., magnetic and electric) that pervade this region of space. ...

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## Solar System

The Solar System currently moves through a cloud of interstellar medium called the Local Cloud. The closest star to the Solar System, Proxima Centauri, is 269,000 AU (4.25 ly) away. Both are within the ...

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## Scientists Say That Jupiter--the Solar System's Largest ...

The updated measurements won't take away Jupiter's status as the solar system's biggest planet. NASA / JPL-Caltech / SwRI / MSSS Scientists may have been overestimating the ...

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## The Solar System. A Glimpse into Its Mysterious Formation

One striking feature that pervades our solar system is the astonishing regularity of its orbits. The planets dutifully encircle the Sun in the same direction that our star rotates, and the

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## Interplanetary medium

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Solar System bodies, such as planets, dwarf planets, ...

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## Solar System - Definition, Facts, Planets

What Is the Solar System? (Formal Definition) The Solar System is the gravitationally bound system comprising the Sun and all natural objects that orbit it either directly or indirectly. This ...

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## Interplanetary medium , Solar System, Astronomy

Interplanetary medium, thinly scattered matter that exists between the planets ...

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