

Planetary Scientists Companion



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This unique NASA resource on the web, in print, and with companion videos introduces electromagnetic waves, their behaviors, and how scientists visualize these data. Each region of the electromagnetic spectrum (EMS) is described and illustrated with engaging examples of NASA science. Come and explore the amazing world beyond the visible!

The Electromagnetic Spectrum Video Series & Companion Book ...

A planetary system is a set of gravitationally bound non-stellar objects in or out of orbit around a star or star system. Generally speaking, systems with one or more planets constitute a planetary system, although such systems may also consist of bodies such as dwarf planets, asteroids, natural satellites, meteoroids, comets, planetesimals and circumstellar disks.

Planetary system - Wikipedia

The planetary core consists of the innermost layer(s) of a planet. Cores of specific planets may be entirely solid or entirely liquid, or may be a mixture of solid and liquid layers as is the case in the Earth. In the Solar System, core size can range from about 20% to 85% of a planet's radius (). Gas giants also have cores, though the composition of these are still a matter of debate and ...

Planetary core - Wikipedia

NASA's real-time science encyclopedia of deep space exploration. Our scientists and hardworking robots are exploring the wild frontiers of our solar system.

Do-It-Yourself | Kids - NASA Solar System Exploration

Exoplanet Exploration Program NASA's science, technology and mission management office for the exploration of exoplanets. The program's primary goals, as described in the 2014 NASA Science Plan, are to discover planets around other stars, to characterize their properties and to identify planets that could harbor life.

Exoplanet Exploration: Planets Beyond our Solar System

For the next one, I used a different lapetus image, because it's adjacent to the Uranian moons Oberon and Ariel for which we don't have good lower-phase (fuller) global views; putting in the higher-phase one I used above made it look too big.

Scale comparisons of the solar system's major moons | The ...

A consideration for this: If warfare is about causing the maximum destruction, these space siege scenarios make sense. If warfare is about achieving political objectives by other means, you need to either leave someone to negotiate the surrender with, or leave something worth occupying.

Orbital Planetary Attack - Atomic Rockets

My first asteroid-related project was as a college sophomore, 30 years ago, measuring the motion of Ceres across the sky. I have written I-don't-know-how-many papers and given even more talks about asteroids. But through the vagaries and twists and turns of my career, all of the data I've worked ...

Asteroids have been hitting the Earth for ... - planetary.org

The ocean has proved to be an exceptionally selfless and dependable planetary companion. With no benefit to itself, Earth's vast sea has gulped up around 30 percent of the carbon dioxide humans ...

The ocean keeps gulping massive amounts of carbon dioxide ...

Classical Period; Nicolaus Copernicus: 1473-1543 Polish developed a simple heliocentric model of the solar system that explained planetary retrograde motion and overturned Greek astronomy

Famous Astronomers and Astrophysicists - Kent

The Royal Astronomical Society, encourages and promotes the study of astronomy, solar-system

science, geophysics and closely related branches of science.

The Royal Astronomical Society

So far, no evidence has been found of dust-free space, but that's partly because it would be difficult to detect from Earth. No matter how scientists look from Earth, all the dust in between us ...

What scientists found after sifting through dust in the ...

On behalf of the Board of Directors of the Hypervelocity Impact Society, the planning committee is pleased to announce the 15th Hypervelocity Impact Symposium to be held April 14-19, 2019 in Destin, Florida, USA.

The 2019 Hypervelocity Impact Symposium - HVIS

1. The shrinking-sun argument contains two errors. The worst, by far, is the assumption that if the sun is shrinking today, then it has always been shrinking!. That's a little like watching the tide go out and concluding that the water level must have fallen at that rate since the earth began.

How Good are those Young-Earth Arguments: Hovind's 'Proofs'

For the vast majority of science fiction worldbuilding, the major alteration to the laws of physics is allowing some species of faster-than-light propulsion for their starships. Others will add things like psionics/psychic abilities. But besides those, the rest of the laws of physics operate exactly as in real life.

Worldbuilding - Atomic Rockets

New Mars discoveries are advancing the case for possible life on the red planet, past or even present. Scientists reported Thursday that NASA's Curiosity rover has found potential building blocks ...

NASA reveals new discoveries strengthening case of a once ...

PALO ALTO, Calif. — The first detection of intelligent extraterrestrial life will likely come within the next quarter-century, a prominent alien hunter predicts. By 2040 or so, astronomers will ...

Bold Prediction: Intelligent Alien Life Could Be Found by ...

Michael Brown doesn't care how much you love Pluto. He loves it too, but that didn't stop him from leading the charge in 2006 to strip it of its "planet" designation and bust it down to a ...

Planet 9: Meet Our Solar System's 'New Pluto' | Time

NASA.gov brings you the latest images, videos and news from America's space agency. Get the latest updates on NASA missions, watch NASA TV live, and learn about our quest to reveal the unknown and benefit all humankind.

Kepler and K2 Missions | NASA

100 most influential people in the world. This is a list chosen by Michael H. Hart, from the book '100 most influential people in the world'. He chose people on a ranking of who had done the most to influence the world.

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