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Shop; Join; Donate; Emily Lakdawalla â€¢ May 19, 2016. Akatsuki begins a productive science mission at Venus. This post is a little delayed, but I hope it will still be welcome because the news is good: Japan's Akatsuki Venus orbiter is well into its science mission, and has already produced surprising science results.

Akatsuki begins a productive science mission at Venus

Shop; Join; Donate; Emily Lakdawalla â€¢ October 27, 2017. Explore spinnable Saturn and Jupiter moons with Google Maps. UPDATE 29 NOV 2017: Google has updated the app to include Callisto, Tethys, and Charon!. Last week, Google Maps released several new map products that allow you to see the locations of named features on many solar system planets and non-planets.

Explore spinnable Saturn and Jupiter moons with Google

We would like to thank all of you who attended the lecture by Nobel Laureate Saul Perlmutter to celebrate the opening of our DiRAC Institute. It was a wonderful and inspiring evening that demonstrated how our understanding of the universe might change as a result of the data from a...

Department of Astronomy - University of Washington

Planetary habitability is the measure of a planet's or a natural satellite's potential to develop and maintain environments hospitable to life. Life may be generated directly on a planet or satellite endogenously or be transferred to it from another body, a hypothetical process known as panspermia. Environments do not need to contain life to be considered habitable nor are accepted habitable ...

Planetary habitability - Wikipedia

Eyes on the Solar System lets you explore the planets, their moons, asteroids, comets and the spacecraft exploring them from 1950 to 2050. Ride with the Curiosity Rover as it lands on Mars or fly by Pluto with the New Horizons spacecraft all from the comfort of your home computer.

Overview | Planets â€“ Solar System Exploration: NASA Science

Radiocarbon Variations and Dating. Geoscientists use radiocarbon, or carbon-14, to establish a chronology of Earth's processes. Because of the 5,730 \pm 40 year half-life of this isotope, carbon-14 dating is used in disciplines like geology, archaeology, geochemistry, oceanography, forensic sciences, and more.

Annual Review of Earth and Planetary Sciences | Home

New Horizons is the first mission in NASA's New Frontiers mission category, larger and more expensive than the Discovery missions but smaller than the Flagship Program. The cost of the mission (including spacecraft and instrument development, launch vehicle, mission operations, data analysis, and education/public outreach) is approximately \$700 million over 15 years (2001â€“2016).

New Horizons - Wikipedia

Stony Brook University has grown to become one of only four University Center campuses in the SUNY system with more than 25,200 students and faculty that have earned prestigious awards, including the Nobel Prize, Pulitzer Prize, Indianapolis Prize for animal conservation, Abel Prize and the inaugural Breakthrough

Prize in Mathematics.

Stony Brook University, New York | Academics

All that's especially true if we can build Hoyt's cislunar tether transport system, powered by the difference in gravitational potential between the lunar surface and the Earth (so moving materials from the Moon to Earth is actually moving it "downhill" and you can exploit that through clever use of momentum exchange tethers). I think it's a reasonable argument that the Hoyt tether system ...

Case For Moon First: Gateway to Entire Solar System - Open

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New Report on Sustainable Food Security & Agriculture. The InterAcademy Partnership â€” the global network of science, engineering, and medical academies â€” has released a new, wide-ranging report, Opportunities for future research and innovation on food and nutrition security and agriculture â€” A global perspective from the InterAcademy partnership.

Home | The National Academies of Sciences, Engineering

There are an estimated 10,000 planetary nebulae in our galaxy, of which roughly 1,500 have been cataloged. Many are extremely tiny and look identical to stars.

Hunting Giant Planetary Nebulae - Sky & Telescope

Welcome to the School of Marine and Atmospheric Sciences (SoMAS) at Stony Brook University. We are the State University of New Yorkâ€™s center for marine and atmospheric research, education, and public service.

SoMAS | The School of Marine and Atmospheric Sciences at

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