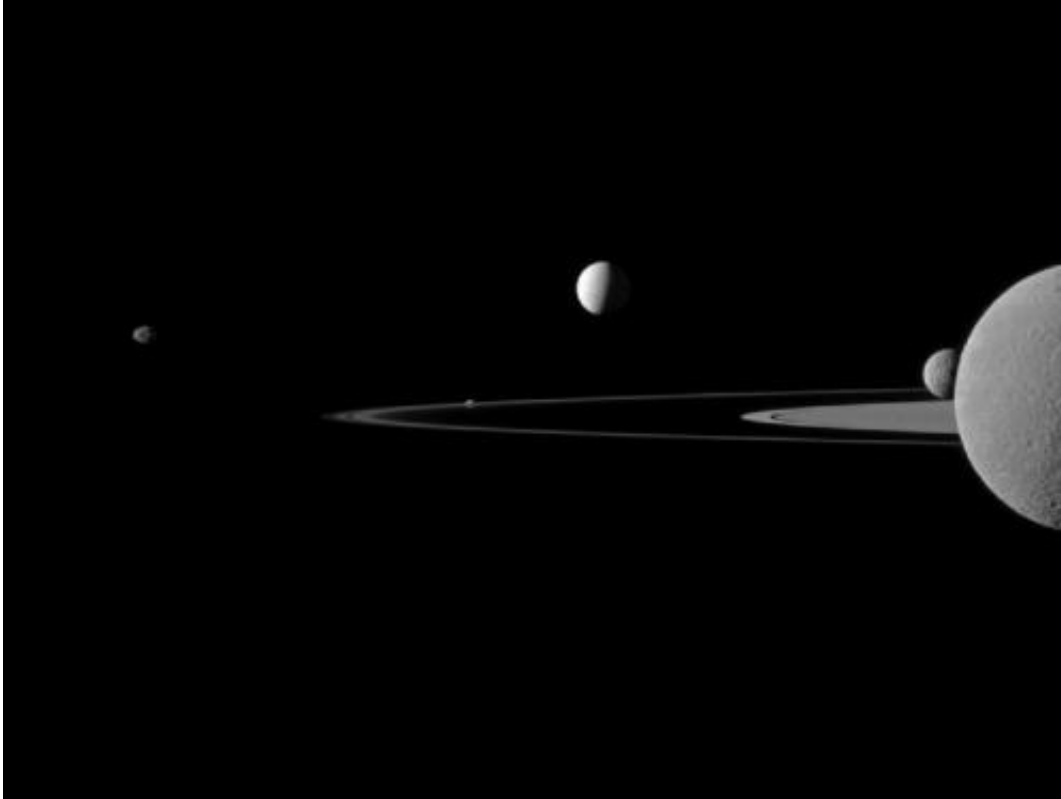


Cassini presents Saturn moon quintet

September 19 2011, By Rosemary Sullivant



A quintet of Saturn's moons come together in the Cassini spacecraft's field of view for this portrait. Credit: NASA/JPL-Caltech/Space Science Institute

(PhysOrg.com) -- With the artistry of a magazine cover shoot, NASA's Cassini spacecraft captured this portrait of five of Saturn's moons poised along the planet's rings.

From left to right are Janus, Pandora, [Enceladus](#), Mimas and finally

Rhea, bisected by the right side of the frame. The view was acquired at a distance of approximately 684,000 miles (1.1 million kilometers) from Rhea and 1.1 million miles (1.8 million kilometers) from Enceladus.

The image was taken in visible green light with the [Cassini spacecraft](#) narrow-angle camera on July 29, 2011. Image scale is about 4 miles (7 kilometers) per pixel on Rhea and 7 miles (11 kilometers) per pixel on Enceladus.

The Cassini-Huygens mission is a cooperative project of NASA, the [European Space Agency](#) and the Italian Space Agency. The Jet Propulsion Laboratory, a division of the California Institute of Technology in Pasadena, manages the mission for NASA's Science Mission Directorate, Washington. The [Cassini orbiter](#) and its two onboard cameras were designed, developed and assembled at JPL. The imaging operations center is based at the Space Science Institute in Boulder, Colo.

Provided by JPL/NASA

Citation: Cassini presents Saturn moon quintet (2011, September 19) retrieved 27 April 2024 from <https://phys.org/news/2011-09-cassini-saturn-moon-quintet.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--