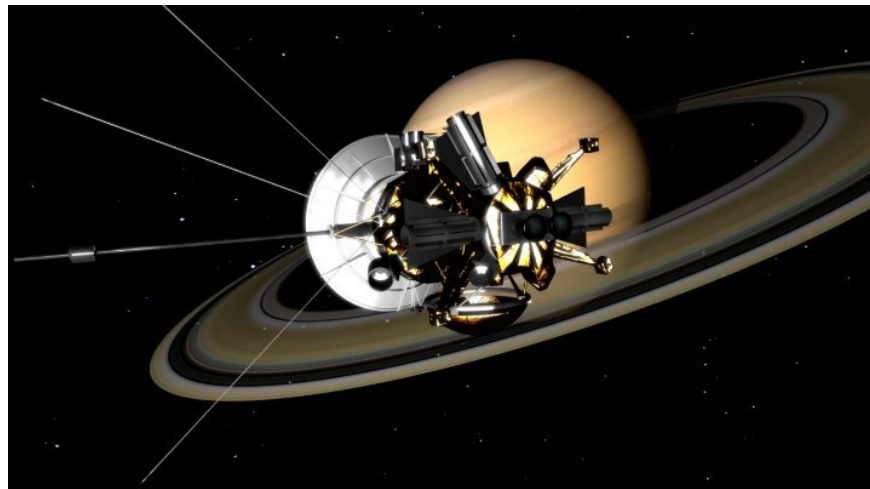


# Cassini spacecraft, \$ 3.26 billion machine 'bombaraded' Saturn, ending its 20-year mission

NASA's Cassini probe is coming closer to the unimaginable goal of approaching Saturn's Moon, fulfilling its 20-year mission before crashing into the planet on September 15.

According to NASA, at 2h08 'EDT on April 22, 2017, Cassini spacecraft has passed the height of about 979 km compared to Saturn's Titan moon surface, performing 127th task with the purpose of Reach this planet for the last time. During this mission, Cassini spacecraft will approach, study the surface and collect the final images of hydrocarbon lakes spread across Titan's northernmost region.

1. Video: Cassini spacecraft successfully performs the journey around Saturn
2. NASA announces a place that can survive life right in our solar system



Cassini spacecraft is about to fall to Saturn after 20 years.(Photo: NASA)

From the data that Cassini will send to Earth, the researchers will learn more about the depth and composition, characteristics of small lakes on Saturn's Titan and satellites around the planet.

Cassini spacecraft will perform 22 dive shots between Saturn and the belts before falling to the planet and lose signals on September 15, 2017. Ending the 20-year journey on Saturn, one of the "promised lands" in the Solar System.

# Cassini - The \$ 3.26 billion spacecraft is about to crash into Saturn after a two-decade mission

**Cassini spacecraft - Huygens** designed and built by NASA. The name of this expensive spacecraft is assembled from the names of Italian-French astronomers, Giovanni Domenico Cassini and Christiaan Huygens, the names of mathematicians, astronomers and Dutch physics. This is one of NASA's most luxurious space research projects, at a cost of \$ 3.26 billion.

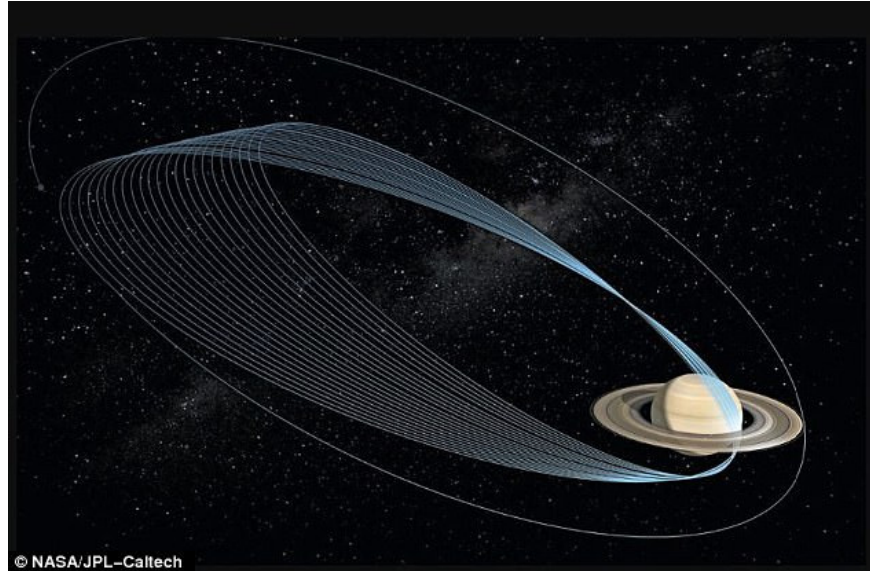


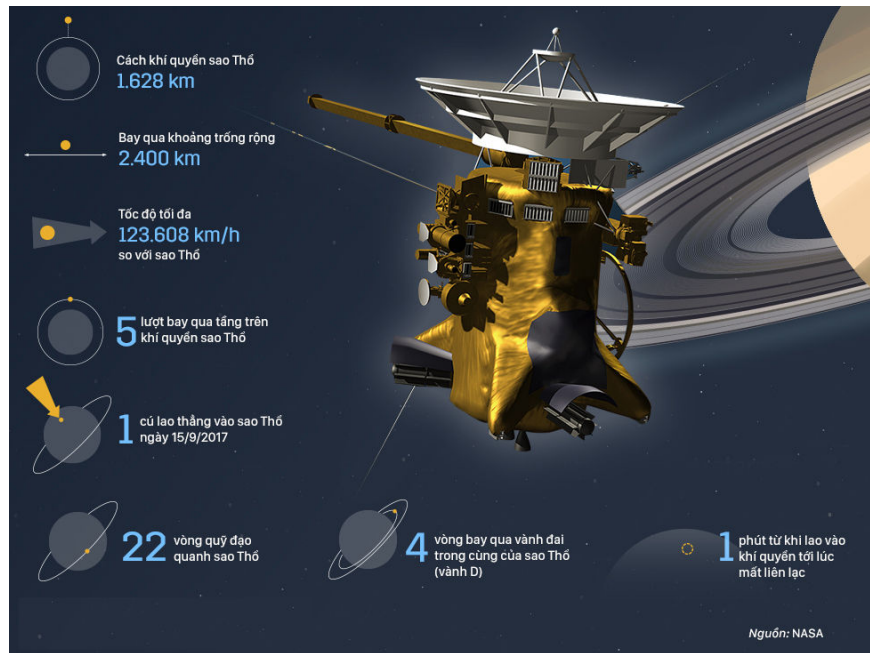
Photo: NASA

On October 15, 1997, Cassini – Huygens was launched into space and reached orbit around Saturn on July 1, 2004. During the past 13 years, Cassini has flown around Saturn and discovered many unexpected discoveries about the planet and the surrounding satellites.

On September 15, 2017, Cassini spacecraft is expected to fall to Saturn due to its nearly exhausting fuel, successfully completing its 20-year mission to explore the planet.

Cassini is the first spacecraft to fly around Saturn and is also the fourth to visit the planet. This success, marking important turning points in the search for human life in outer space.

**Journey before the Cassini spacecraft "suicide".**



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