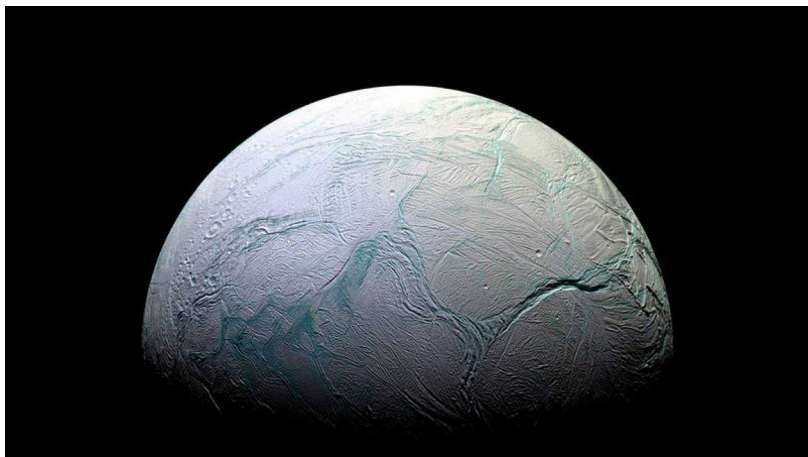


Title: Enceladus, the secret space mission

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Enceladus, the secret space misión



My fundamental gratitude to those who live all the processes of my life, my family: to my wife Eliana, who always understand and patiently respect my immersion for hours between books, leaving other pleasures for later, for example, the Sunday walk or the summer ice cream. To them my infinite thanks for your understanding and support.

To my parents and to our productive talks and useful life advice, where I often took refuge pleasantly.

To my brothers, of whom I have learned a lot, who unwittingly infected me with the passion for writing

To the work friends who trusted me to carry out the knowledge and translate them into books

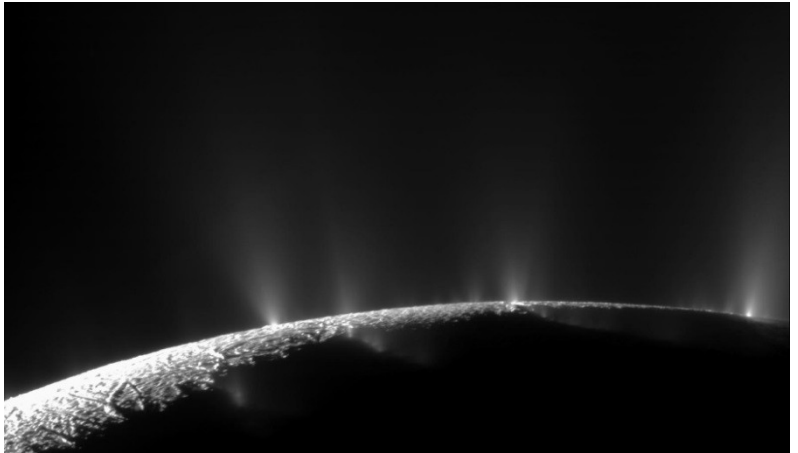
To the acquaintances, to their questions, concerns and demands, that they have taught me so much.

To all those entrepreneurs who fundamentally taught me that dreams with action are productive realities.

To my clients, who every day allow me to work in order to elaborate better products

To all of you who invest their time in reading
these ideas, thank you very much for being there,
and welcome

Enceladus, the secret space mission



The great secret that the United States kept was the study that had been done to the moons of Jupiter and Saturn. It is possible that in all the last years the human being wants to survive his own capacity for destruction and look for the technology of traveling between planets. If we were so lucky, humanity had an extension of several years during which you can seek asylum.

They have spent many years calculating how global warming and overpopulation will affect and what their implications for life will be. The habitable zone of the Solar System (that in which

temperatures allow liquid water) would be between Jupiter and Saturn.

The two gaseous giants will remain uninhabitable to us, but moons rich in icy water like Europa or Enceladus could become habitable aquatic worlds (to some extent) for the human being. The time during which the moons will remain so is short in astronomical terms (around 500 million years), but less is nothing.

Enceladus, Saturn's moon is the one that hides a huge ocean of water

Evidence had been discovered that beneath the soil of Saturn's moon Enceladus, just in its southern hemisphere, was a "great subterranean ocean of liquid water." If there was water, they said, it was very likely that microscopic life could also exist.

The theory of the possible existence of water in Enceladus had been shuffling since 2005, when the Cassini probe discovered in its South Pole geysers that expel water vapor and ice through

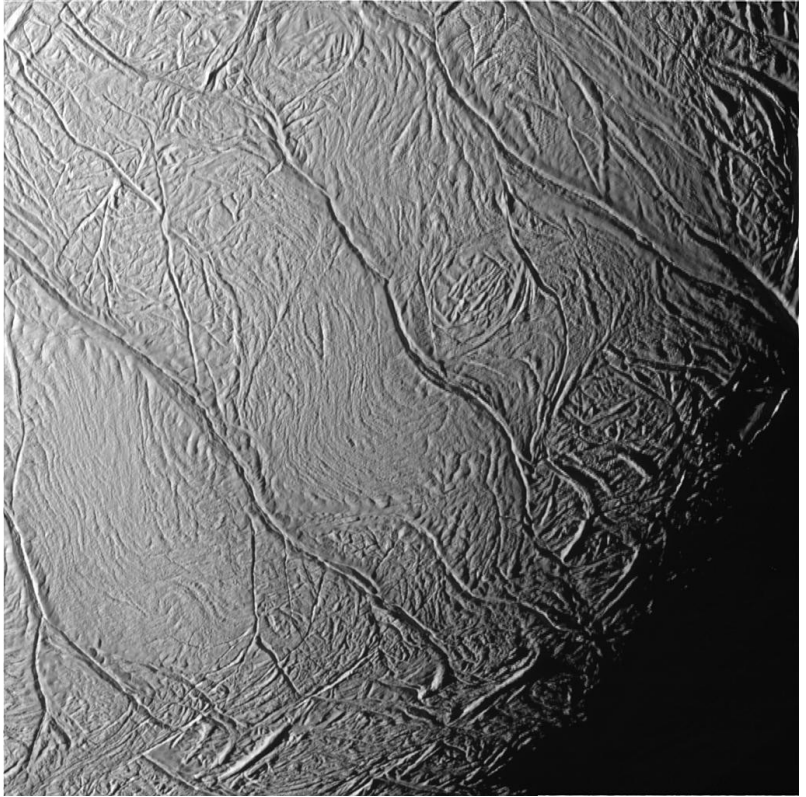
cracks in the surface. Now, Cassini, with support from an international network of terrestrial radio antennas, obtained measurements of the internal structure of Enceladus, confirming that the satellite housed a large ocean of liquid water in its depths.

The scientists had reached this conclusion by measuring the variations in severity in Enceladus. "The Cassini measurements showed a negative gravity anomaly at the South Pole, which, however, is not as large as expected given the large depression detected by the probe camera, so the conclusion is that there should be a denser material in the depths that compensate for the absent mass: most likely liquid water, which is 7% denser than ice, the magnitude of the anomaly had given us the size of the reserve."

And the size was large, very large: it was an ocean of underground water 10 kilometers deep, just below a layer of ice between 30 and 40 kilometers thick. The discovery placed Enceladus, next to Titan and Europe, as one of the places in the Solar

System where extraterrestrial microscopic life was most likely to exist.

The interesting thing about the study was not so much that it demonstrated an opportunity for the future of humanity. The calculations were also a very useful tool to determine the habitable zone of other red giants. Until now, researchers looking for life on other planets had ruled out solar systems based on these types of stars, but the study showed that they also had the capacity to house life, only at different distances.



A strange world, isolated from the earth, had universal wisdom; facing death at all times, I had the secret of life

Sometime later a nuclear missile was sent that would detonate in Enceladus and cause a huge outflow of water and melting of the ice which would produce suitable conditions for clouds to exist and a propitious atmosphere to house life.

And eventually a spacecraft was sent that would serve as a lunar station and would house a hundred people who could plant crops in the lands of Enceladus and use its waters and take advantage of the new climate that had been created.



But as time went by, the signs of this community that were living on the Enceladus moon were losing, communication was becoming scarcer and they stopped sending reports to the earth, which worried the United States and that is why a new mission to review everything that was happening