

Hi, I'm Alejandra Cenicerros, good afternoon

Do you know that most of the photos you see about space are actually artificial?

Mostly illustrations or photographs of telescopes hardly captured, but extremely edited. Our best images are just lights, and this raises many questions about what we really know about the solar system.

We really don't know if the surfaces are solid, liquid, gas, or even plasma. What we know about space is purely based on studies and calculations at a distance.

This is why NASA announced that within 2 weeks it will send Lucy into space, the first spacecraft to study Trojan asteroids, which are basically a population of small bodies that move balanced with Jupiter in its orbit, and at the same time it is believed that they allow their formation. planetary of our Solar System.

and why specifically study these asteroids? These two groups of asteroids are known to move perfectly balanced in the same orbit as Jupiter, and their relevance is that it is believed that perhaps they are the ones that guide Jupiter or on the other hand that perhaps Jupiter guides them on their way around the Sun.

Lucy will study the diversity of asteroids, this will tell us about their origin and give us a better picture of the surface details, what they are made of and what they look like.

With current technology from a soil photograph it is possible to collect scientific data, it is known as photointerpretation. In short, examine photographic images in order to identify objects and judge their importance.

The name of the ship is inspired by a fossil "lucy" which currently helps us to know more about our origin as a species, the lucy mission will give us knowledge of our planetary origins.

1st steps 2 Lucy is a purely informative and dynamic mobile app that seeks to communicate, inform and inspire others about asteroid exploration.

In 1st steps 2 Lucy you can take part of this mission in the “experience” section in three ways:

"Virtual experience" section of augmented reality of the asteroids, in which you can observe in a clearer way the Trojan asteroids that accompany Jupiter in its orbit. for this section we develop a 3d modeling of the asteroids orbiting with Jupiter;

This offers the option of hologram experience following the steps indicated for a holographic pyramid as seen in the video,

"Video explanation", in a video of approximately one minute, the mission and what it can become is explained in broad strokes; "Lucy Soundscape" a public collection of original music inspired by exploration and discoveries at the NASA mission.

Also within the app you can access more informative content such as a list of real-time news about Lucy, history of the mission, resources and a countdown of the mission. And of course a general view on the profile.

We are 1st steps 2 Lucy, miliani, stefi frank and her servant and we are students who are passionate about technology and exploration.

Would you dare to explore the unexplored?

In fact, during the development of the mission a group of students were part of the team. Lucy's trip will last 12 years, therefore said students by then will even be doctors and they will be the ones who will give continuity to the exploration.

What kind of discoveries do you think Lucy could reach?

Lucy is the first step to exploration and further investigation will follow. So 1st steps 2 lucy will continue to grow together with Lucy

Would you like to take part in planetary exploration? You can, but you must act! Go against the flow, be part of the change, motivate yourself and act, we are on time!