

Created by



RENDERAREA

Monigotes Estudio



BEYOND THE SUN

In search of a new Earth



"Somewhere, something incredible
is waiting to be known."

Carl Sagan

SYNOPSIS

CELESTE is fighting off sleep by reading a book on astronomy when, through her bedroom window, she receives a visit from MOON and his mischievous helpers.

Moon calls his helpers to order and then turns to Celeste to ask her if she likes to look at the sky. Celeste brags that she knows all the planets. The specks of light laugh and Moon clarifies to her that she knows all the planets that orbit one star, the Sun, but that there are many, many more stars in the universe.

And those stars also have planets? asks Celeste. Exoplanets, corrects Moon, that is what we call the planets that orbit other stars. Would you like to explore them?

With the aid of his helpers, Moon leads Celeste on a journey through the universe to discover what an exoplanet is and how it can be detected. Together they observe rogue planets, oceanic worlds, and super-Earths. Moon tells her about exoplanet hunters, astrophysicists who, from different points on the planet, observe the sky in search of a planet like Earth.

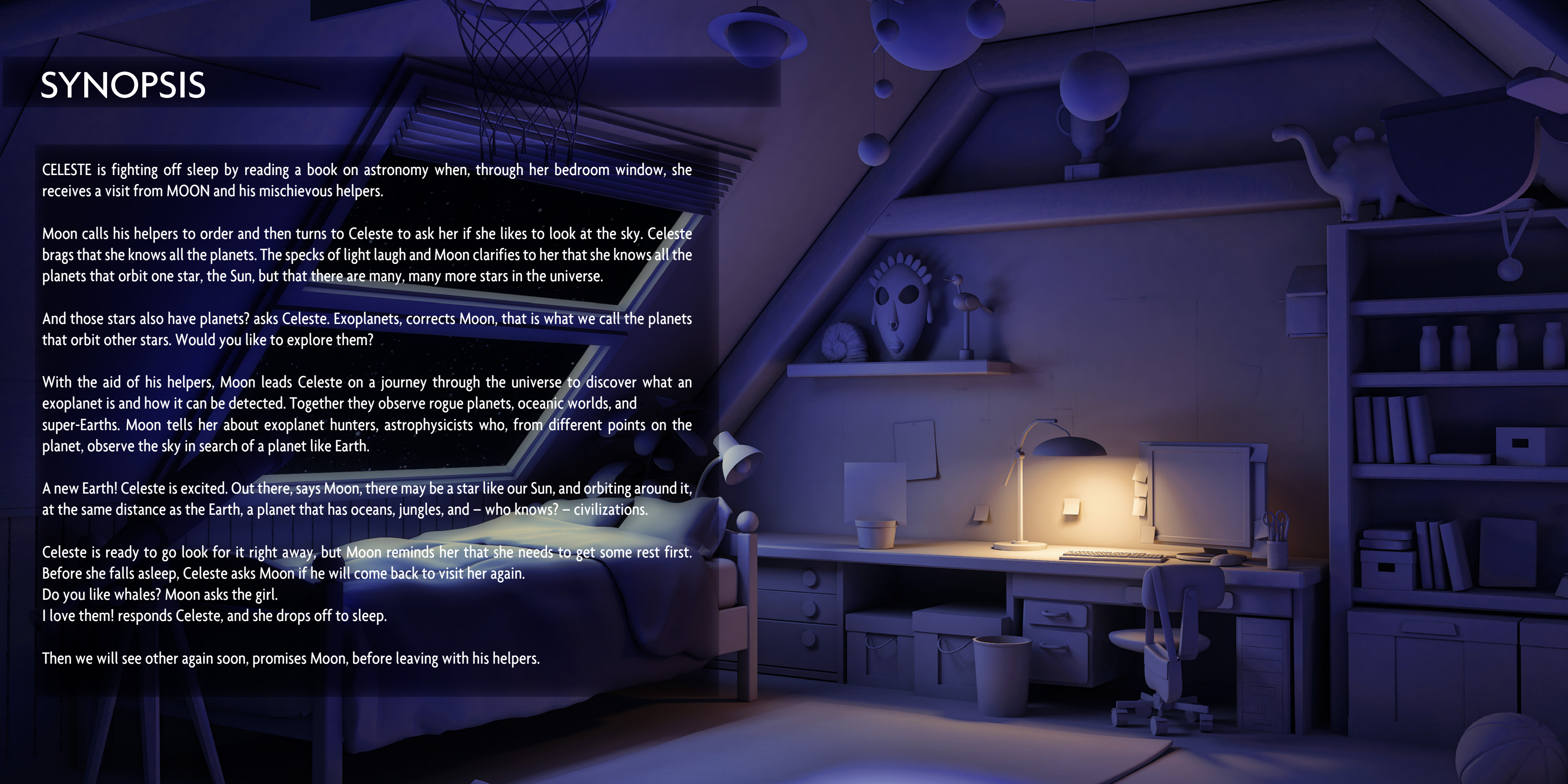
A new Earth! Celeste is excited. Out there, says Moon, there may be a star like our Sun, and orbiting around it, at the same distance as the Earth, a planet that has oceans, jungles, and – who knows? – civilizations.

Celeste is ready to go look for it right away, but Moon reminds her that she needs to get some rest first. Before she falls asleep, Celeste asks Moon if he will come back to visit her again.

Do you like whales? Moon asks the girl.

I love them! responds Celeste, and she drops off to sleep.

Then we will see other again soon, promises Moon, before leaving with his helpers.



MAIN CHARACTERS

CELESTE

This restless and curious eight-year-old girl is fascinated by anything and everything. Her room clearly displays her hobbies and interests, with its mix of science books, dinosaur models, archeological tools, and planetary systems.



It's always been hard to get Celeste to go to bed. Until now. Because since she met Moon, Celeste eagerly awaits a visit from him and his rascally helpers.

Together with them, she lives grand and amazing adventures. She wants to learn so many things!



MOON

Moon is a luminous body, perhaps a star, or maybe a being from space. But above all, Moon is light and knowledge. He has found the perfect student in Celeste. He values her curiosity and desire to learn and so he prepares fascinating journeys for her.

Moon is aided by his little helpers, although their hijinks often annoy him. Sometimes Moon gets redder and redder until something small explodes inside him.



HELPERS

Moon's helpers are mischievous and playful little specks of light. They do not speak, nor do they have Moon's wisdom, but he relies on them a lot to help him explain things.

The problem is that sometimes they get distracted. And that is because playing, nosing around, and having fun is what they like most. Apart from helping Moon and visiting Celeste, of course.





SCIENTIFIC ADVISORS

Javier Gorgas has dedicated a major part of his career to communicating and promoting knowledge of astronomy. He presided the Spanish Astronomy Society (the SEA, in Spanish) for four years. His main field of research is the evolution of galaxies, an area in which he has been directing research projects since 1993. He has directed five doctoral theses in astrophysics and is the author of more than 100 scientific articles published in international journals. He participates actively in the international “Science in Action” competition and is in charge of the SEA’s “Cervantes Star” project involving the discovery of exoplanets.

J. Gorgas is a senior tenured professor in the Astrophysics and Atmospheric Sciences Department of Complutense University of Madrid.

José Antonio Caballero is an expert in young stars, brown dwarfs, multiple systems, exoplanets, and astronomical instrumentation, having published close to 70 articles and contributed to more than 120 conferences. An innovative communicator, founder of [unitedsoundsofcosmos](#), a collaborator with Spanish National Radio’s classical music channel, and a writer for the magazine *Astronomía*, he won the Spanish Astronomy Society’s prize for best doctoral thesis in 2006-2007. He has supervised two doctoral theses and 19 master’s theses. He is the “Instrument Astronomer” for the CARMENES project, one of the world’s most advanced exoplanet detection projects.

J. A. Caballero is a tenured professor of the National Institute for Aerospace Technology (INTA) at the Madrid Astrobiology Center and an honorary professor of Complutense University of Madrid.

Together, on the one hand, they combine the teaching and communication experience necessary to “translate” today’s knowledge of exoplanets into information that is accessible for non-specialized audiences and, on the other hand, they guarantee the most up-to-date vision of this exciting moment in the history of science, thanks to their direct participation in one of the pioneering projects in the detection and study of planets outside the Solar System (the Hispano-German CARMENES project).

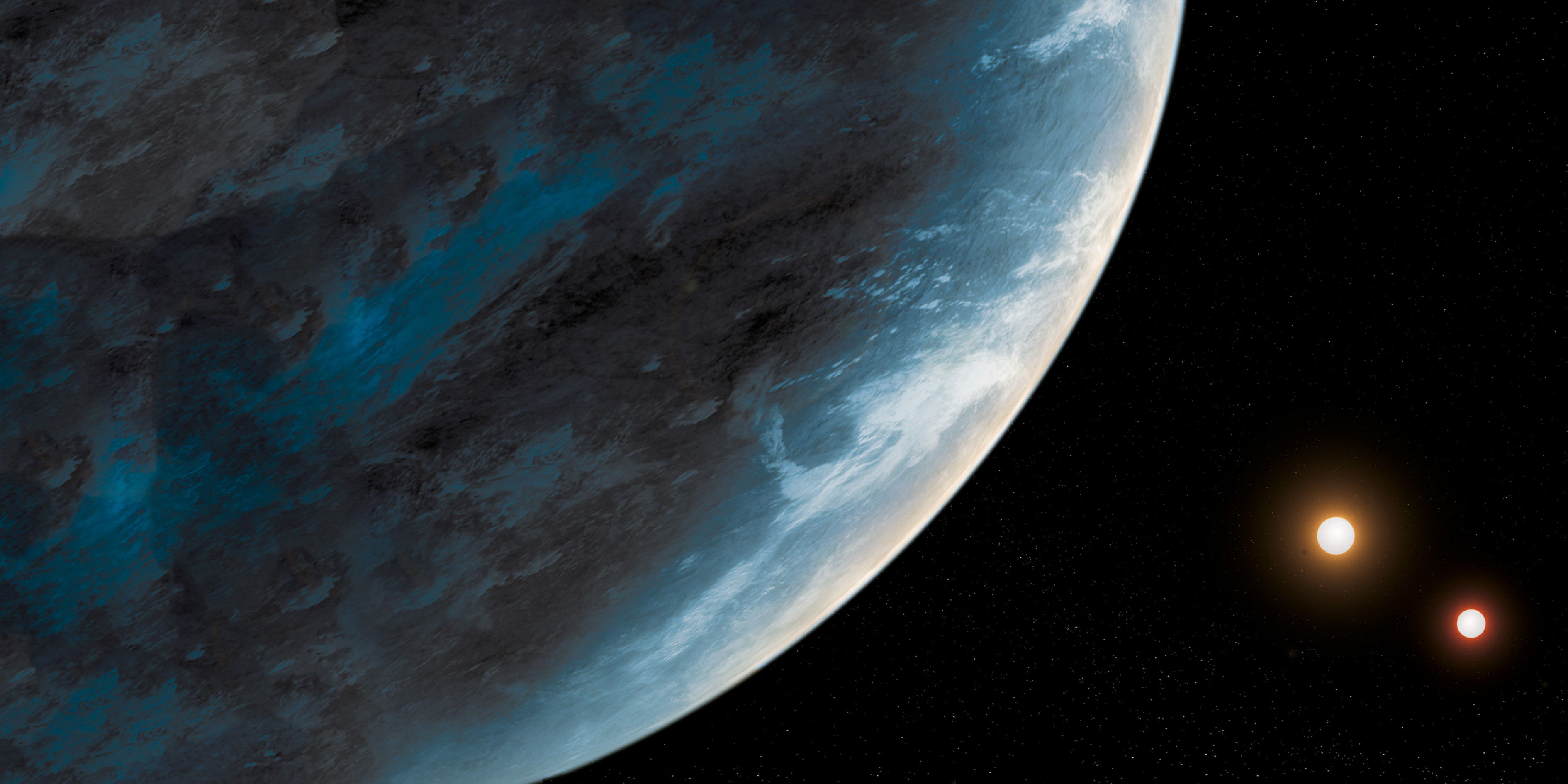


DIRECTOR

The naturalist Javier Bollaín has been passionate about science and the world of documentaries ever since he was a child and saw such iconic series as *The Undersea World of Jacques Cousteau*; *El hombre y la Tierra* by the Spanish naturalist Félix Rodríguez de la Fuente; or *Cosmos*, presented by the American astrophysicist Carl Sagan. He embarked on his journey in the world of communication and directing in the mid-1990s, when he participated for the first time in writing scripts for the exhibitions at the National Museum of Natural Sciences in Madrid and directed his first documentary short, “Stories of Planet Earth”.

In 1999, barely a month after finishing his academic training, he founded the production company Render Area and launched his professional career in the documentary world. He has participated in more than 140 projects related to the communication and spreading of scientific knowledge for national and international institutes and museums. A coproducer of 11 television documentaries, he specializes in the production of visual effects, which has allowed him to work closely with top-quality productions associated with such familiar names as National Geographic (“The Lord of Sipán” in 2008 , “Abu Dhabi” in 2011, “Mangrove Swamps of the Mayan World” in 2016), which have been broadcast in more than 40 countries. He received international recognition at the Montana CINE International Film Festival for the visual effects in the series “The Heirs of the Ark” by Explora Films. He combines this activity with the direction of scientific shorts. His education in the sciences and his experience in the audiovisual world allow him to establish a very effective communication channel between researchers and the world of mass communication, while maintaining the balance between scientific rigor and entertainment.

J. Bollaín holds a bachelor’s degree in Geological Sciences from Complutense University of Madrid and an expert’s degree in Scientific Images from Alcalá de Henares University.



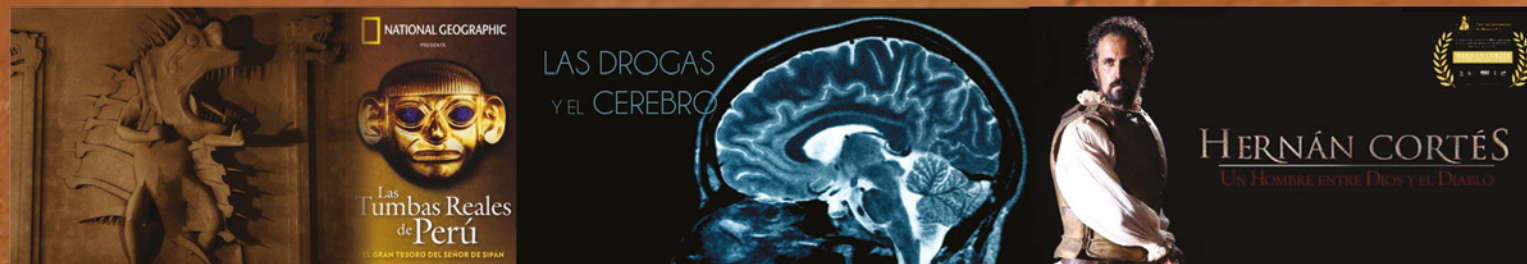
RENDER AREA

Render Area has more than 19 years of experience in the production of scientific shorts. It also participates in international documentary projects for television and the cinema through the production of 3D animations and visual effects.

The company's most recent awards are:

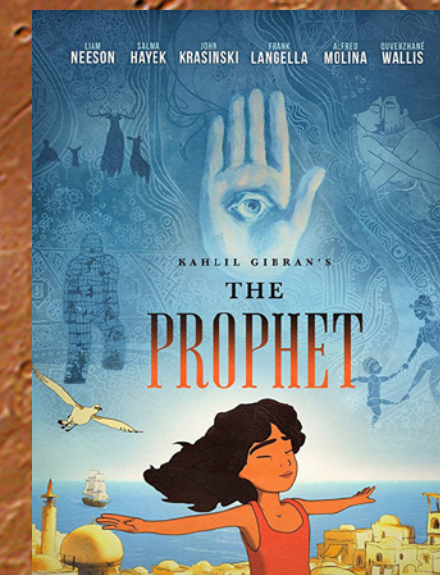
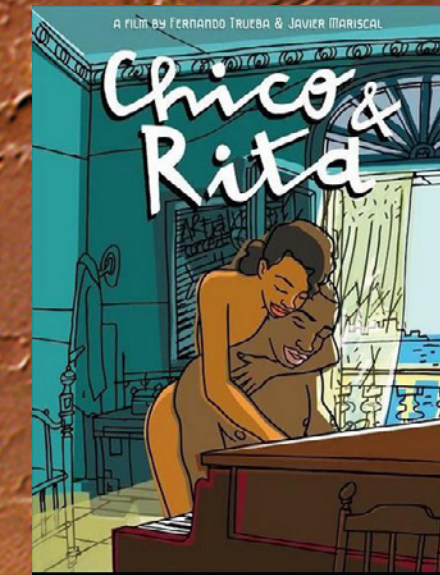
“Mangrove Swamps of the Mayan World” (National Geographic). Best Color Grading. Festival Pantalla de Cristal 2016, Mexico.

“Hernán Cortés” (TVUNAM). Best Animation. Festival Pantalla de Cristal 2016. México.



MONIGOTES ESTUDIO 2.0

Founded in 1995, Monigotes Estudio 2.0 is a company that specializes in 2D animation, with an extensive filmography and broad experience in national and international TV series and feature films.



TECHNICAL SPECIFICATIONS

GENRE: Documentary
DURATION: 26 minutes
TARGET AUDIENCE: 6-13 / 14-18 / adults
FORMAT: fulldome / flat screen
RESOLUTION: 1K / 2K / 3K / 4K
FRAME RATE: 30 fps
SOUND: 5.1 / stereo
PRODUCTION TECHNOLOGY: CG
ORIENTATION: unidirectional / concentric
LANGUAGES: English / Spanish

TECHNICAL TEAM

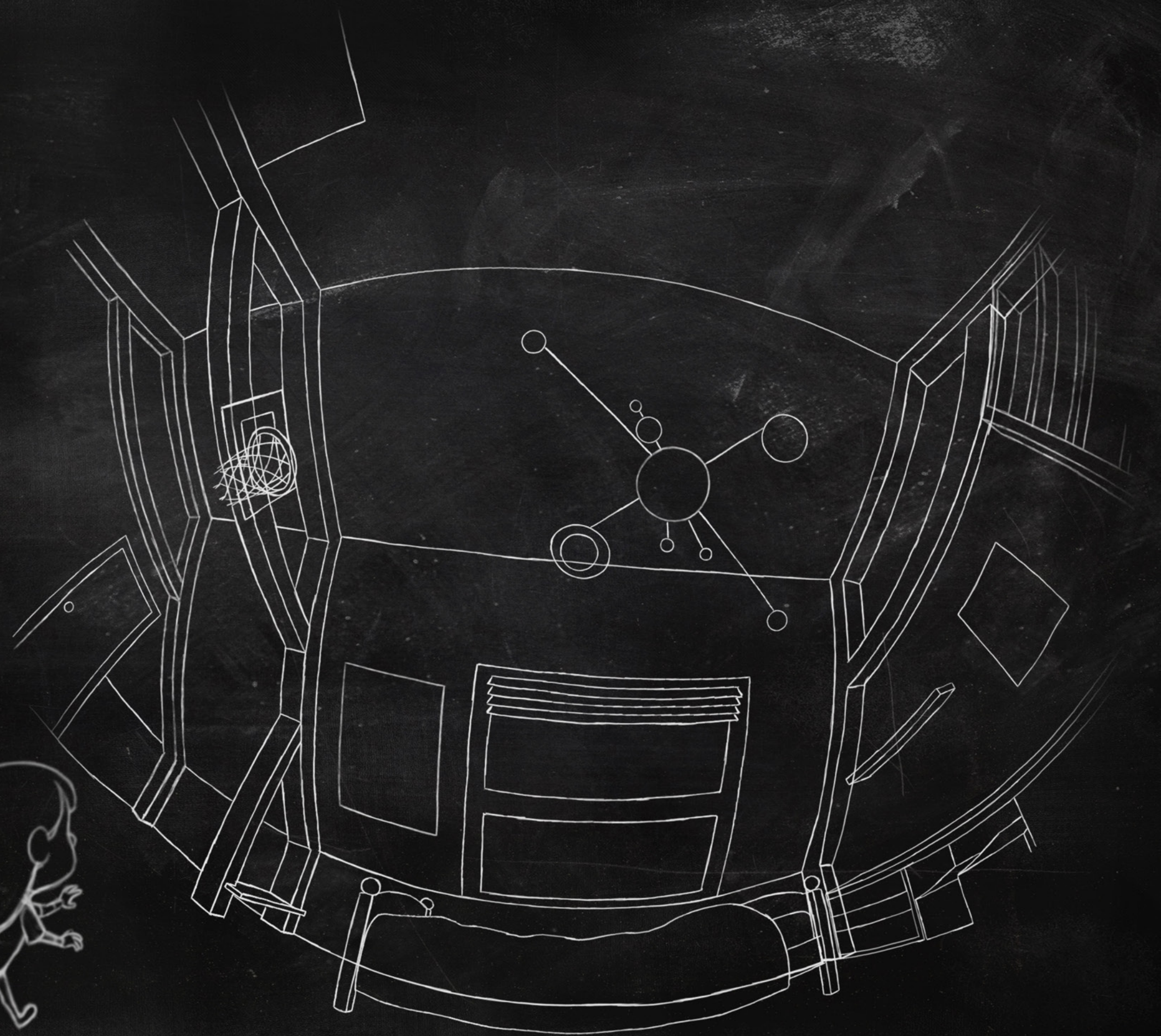
DIRECTION: Javier Bollain
PRODUCTION DESIGN: Francisco Alvarez
SCIENTIFIC SUPERVISION: José A. Caballero / Javier Gorgas
SCRIPT: Beatriz Iso / Amaia Ruíz
POSTPRODUCTION DIRECTION: Laura Casamayor
MUSIC: Sergio de la Puente
SOUND POSTPRODUCTION: Rubén Carregal
3D ANIMATION DIRECTION: Guillermo Bollain
CGI FULL DOME SUPERVISION: Carlos Gallego

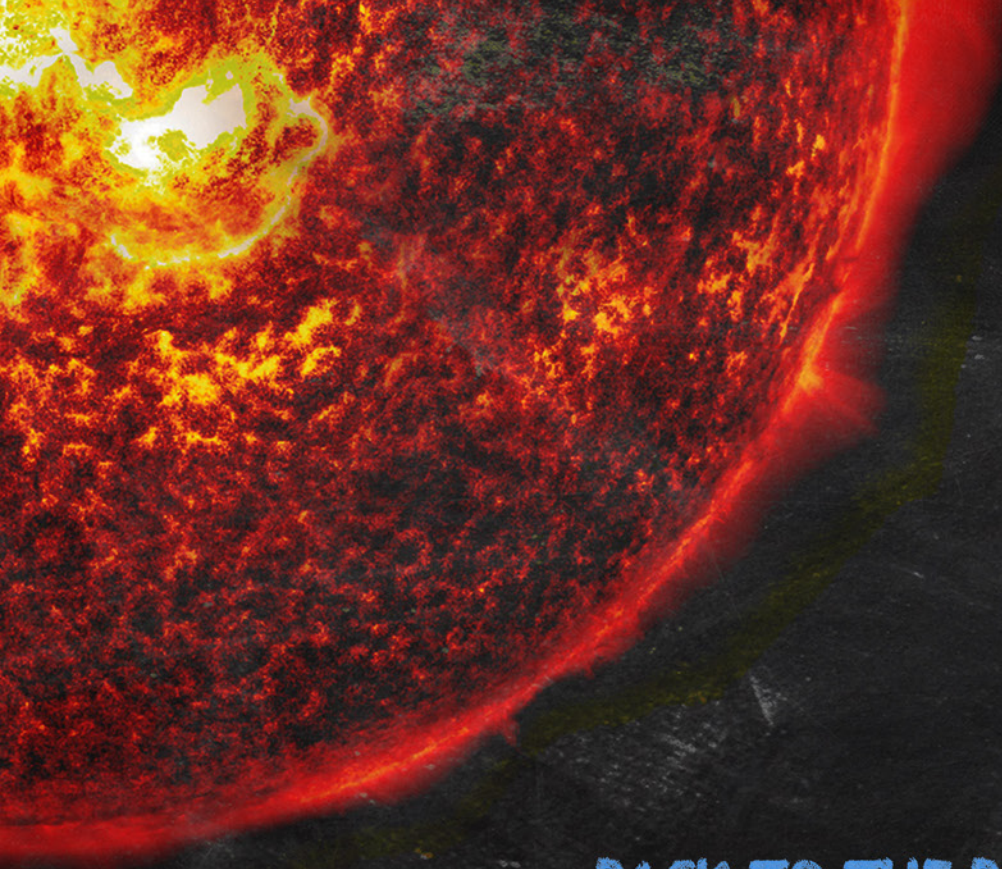
THE SERIES

“Little Stories... of Science” is a series of programs for planetariums conceived for family audiences.

In “Little Stories... of Science”, entertainment and science go hand in hand. Its narrative approach, based on adventure and humor, supports scientific content that is adapted for the general public without sacrificing one iota of scientific rigor. The aim is to make science more accessible for families, and in a way that is tons of fun.

From the moment of the script’s conception, “Little Stories... of Science” takes into account the distinctive characteristics unique to full dome projections, respecting their requirements and taking full advantage of their potential. Combining photorealistic CG images with 3D animated characters, and backed by a well-crafted original soundtrack, the story draws us in and the viewer is immersed in an experience full of fun, amazement, and discovery.





BEYOND THE SUN

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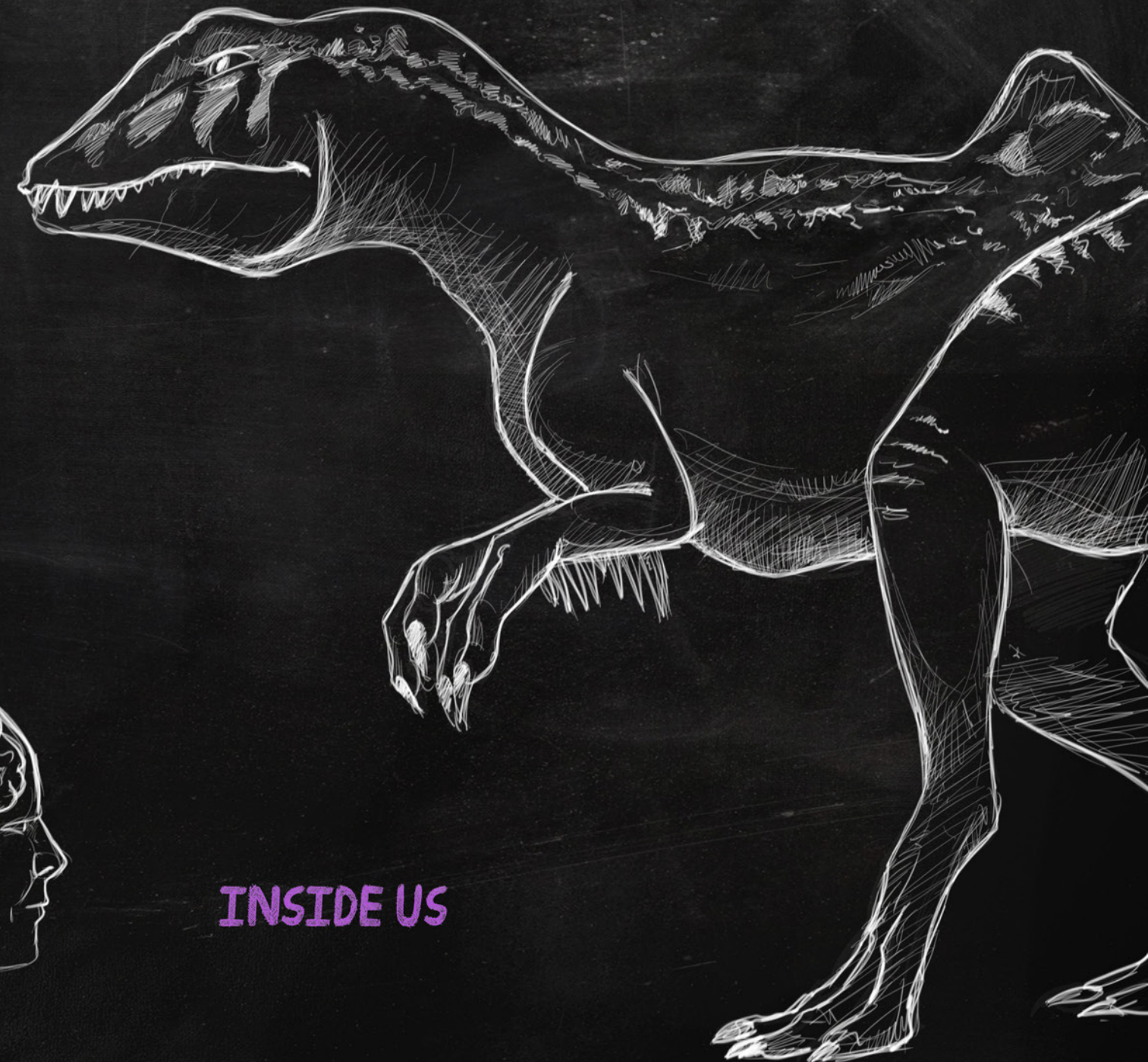
BACK TO THE BIG BLUE

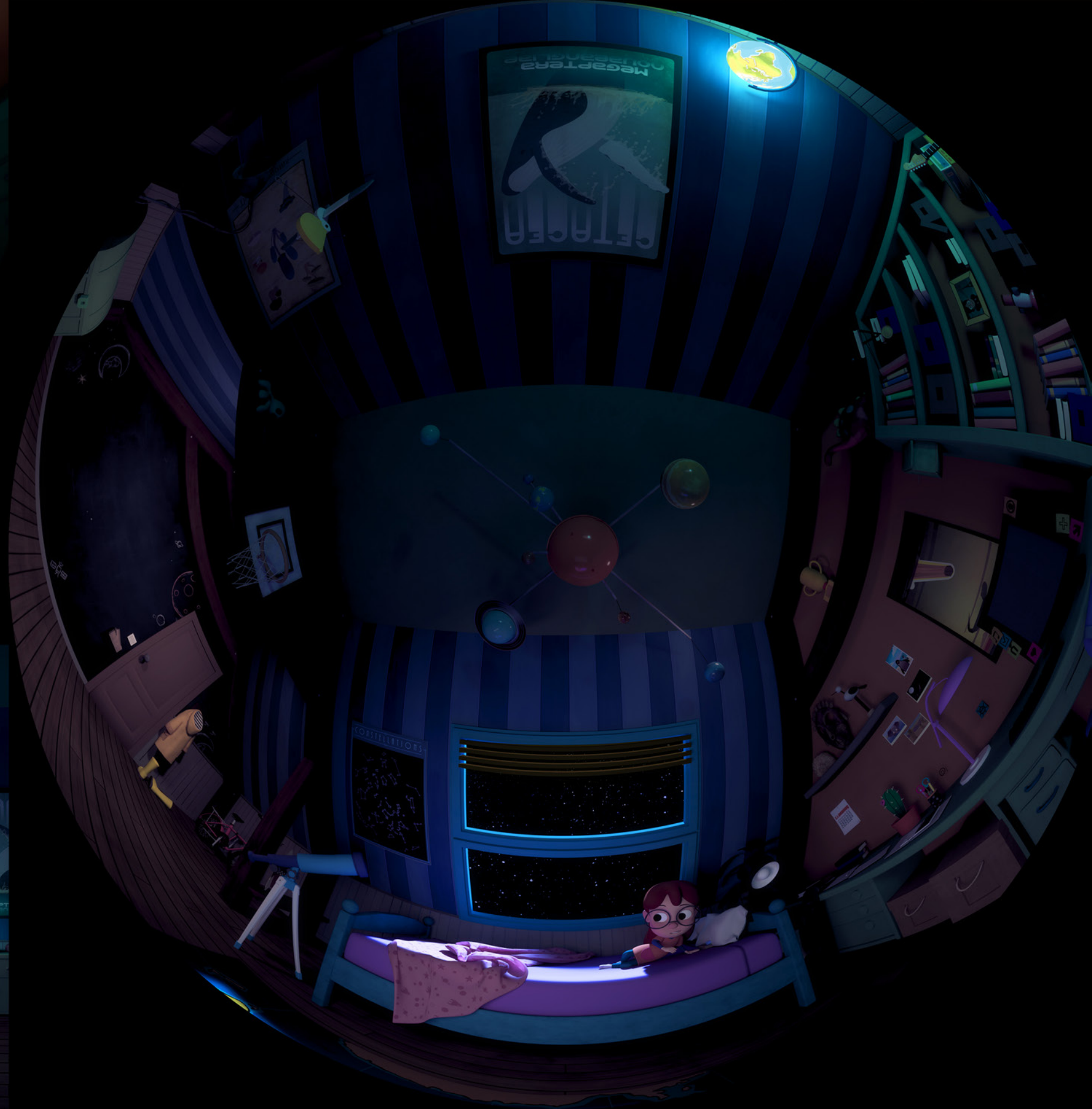
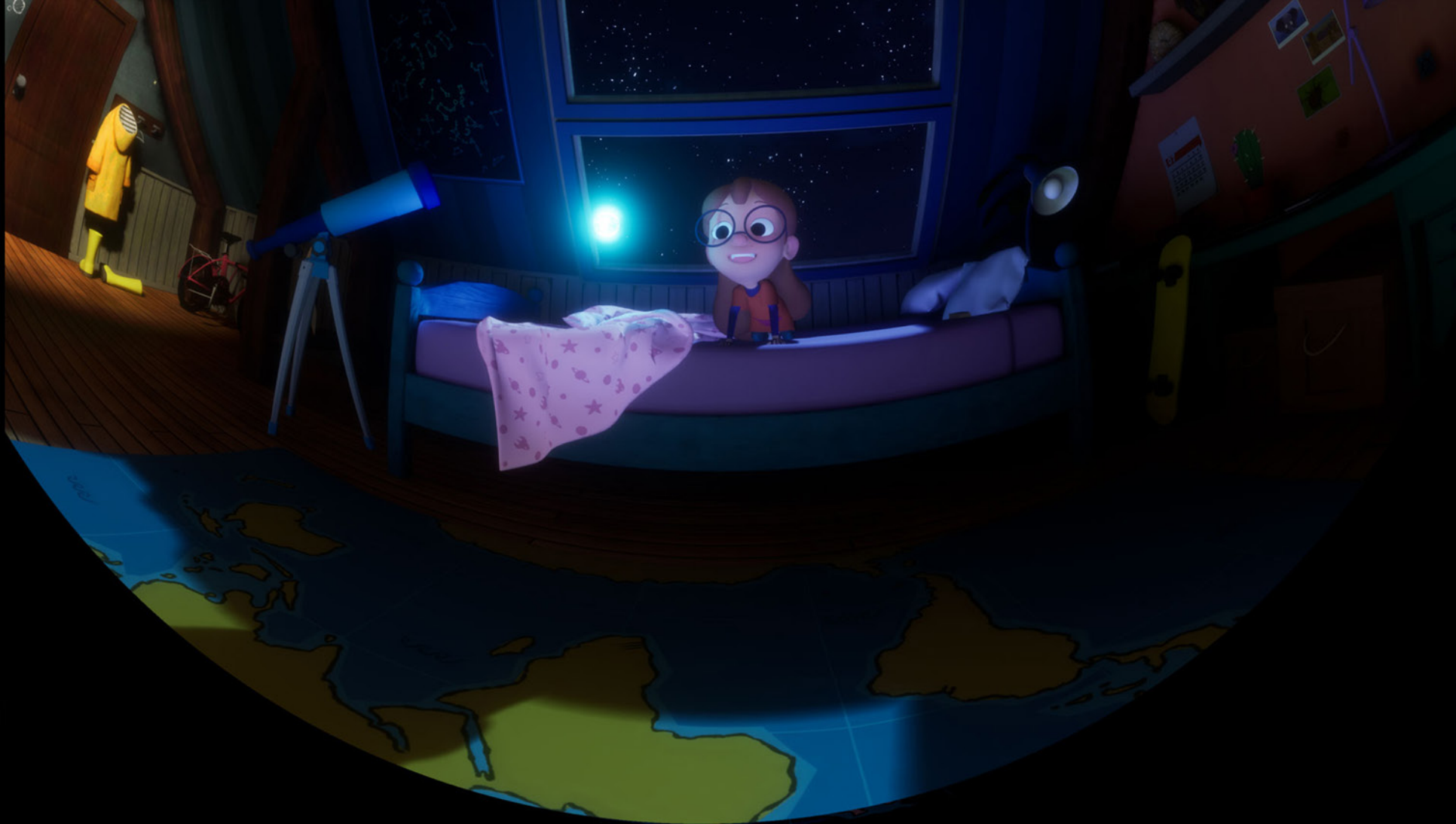


FUTURE ENERGY



INSIDE US





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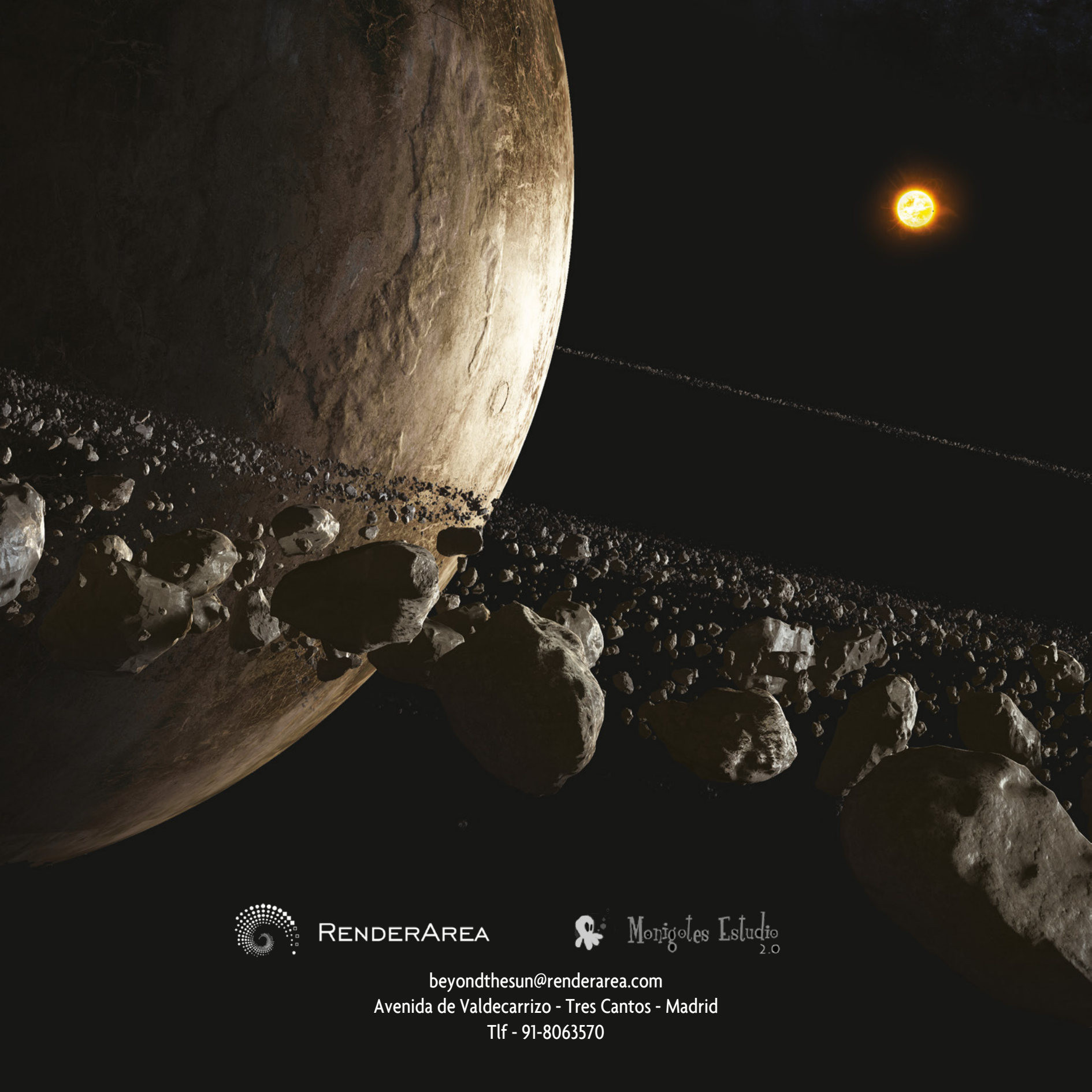
PRODUCED BY:



RENDERAREA



Monigotes Estudio
2.0



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