

Two Russian studios produced a 360 fulldome video projection for International Camel Festival in Saudi Arabia

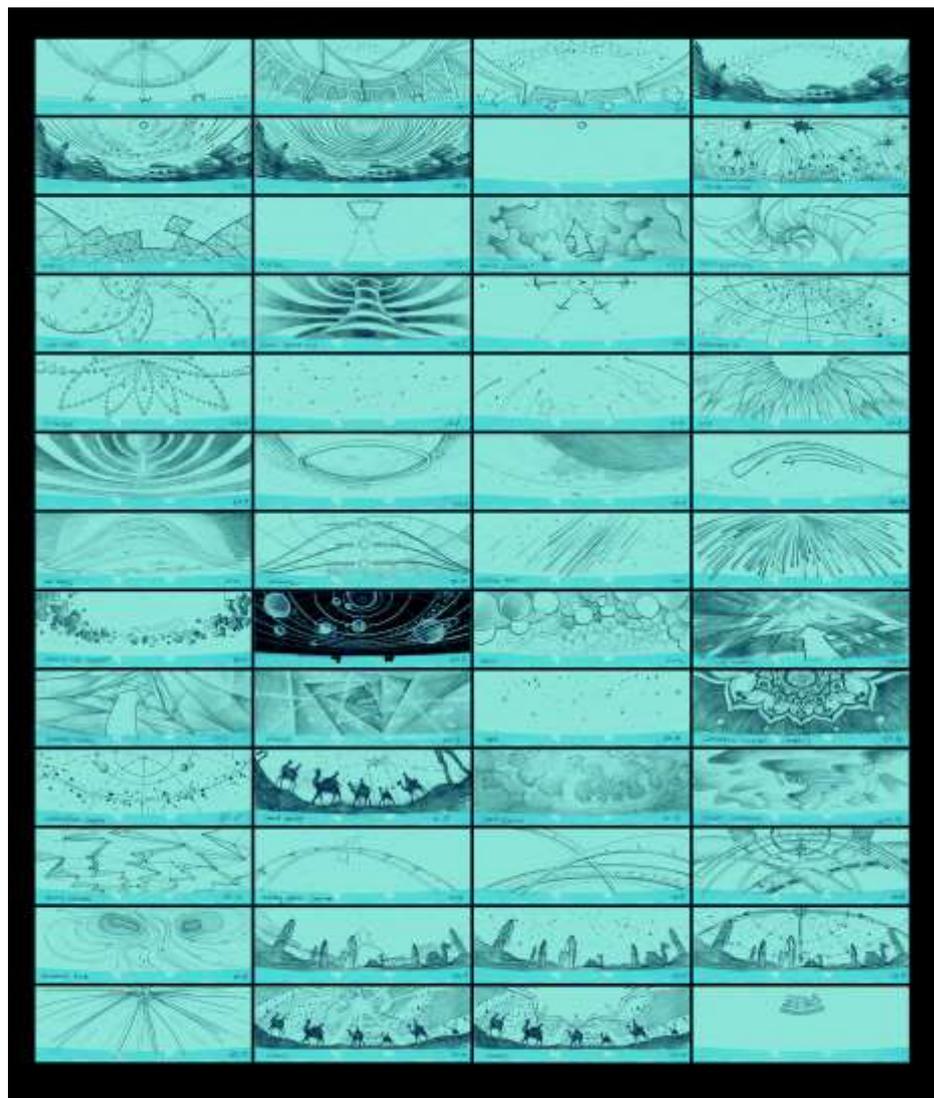
In 2018 studios Dobro and Sila Sveta have started a joint project for King Abdulaziz Camel Festival in Saudi Arabia. Here are some highlights of the show, which more than 30,000 visitors attended live over one month of the festival operation time. The dome with a diameter of 19 meters, where the fulldome film "Stars Vision" was shown regularly in Arabic and English. Spectators of the 10-minute projection became participants of a bright action: they went on a flight over space orbits, and also learnt about the structure of the universe and the history of astronomy in the Arabic world. Content for the fulldome projection was developed by Dobro Studio. Sila Sveta Studio was responsible for the development and implementation of technical setup, as well as for the overall project production.

<https://vimeo.com/255776732>

STORYBOARD

We also prefer to start the project by briefly creating a detailed storyboard, which allows us to work out the episodes and transitions before we get into the whole production process. By the end of this very first stage we can see if the story we are about to visualise is looking clear, diverse and captivating.

So once again, the whole script was built on the paper at the very beginning of the project.

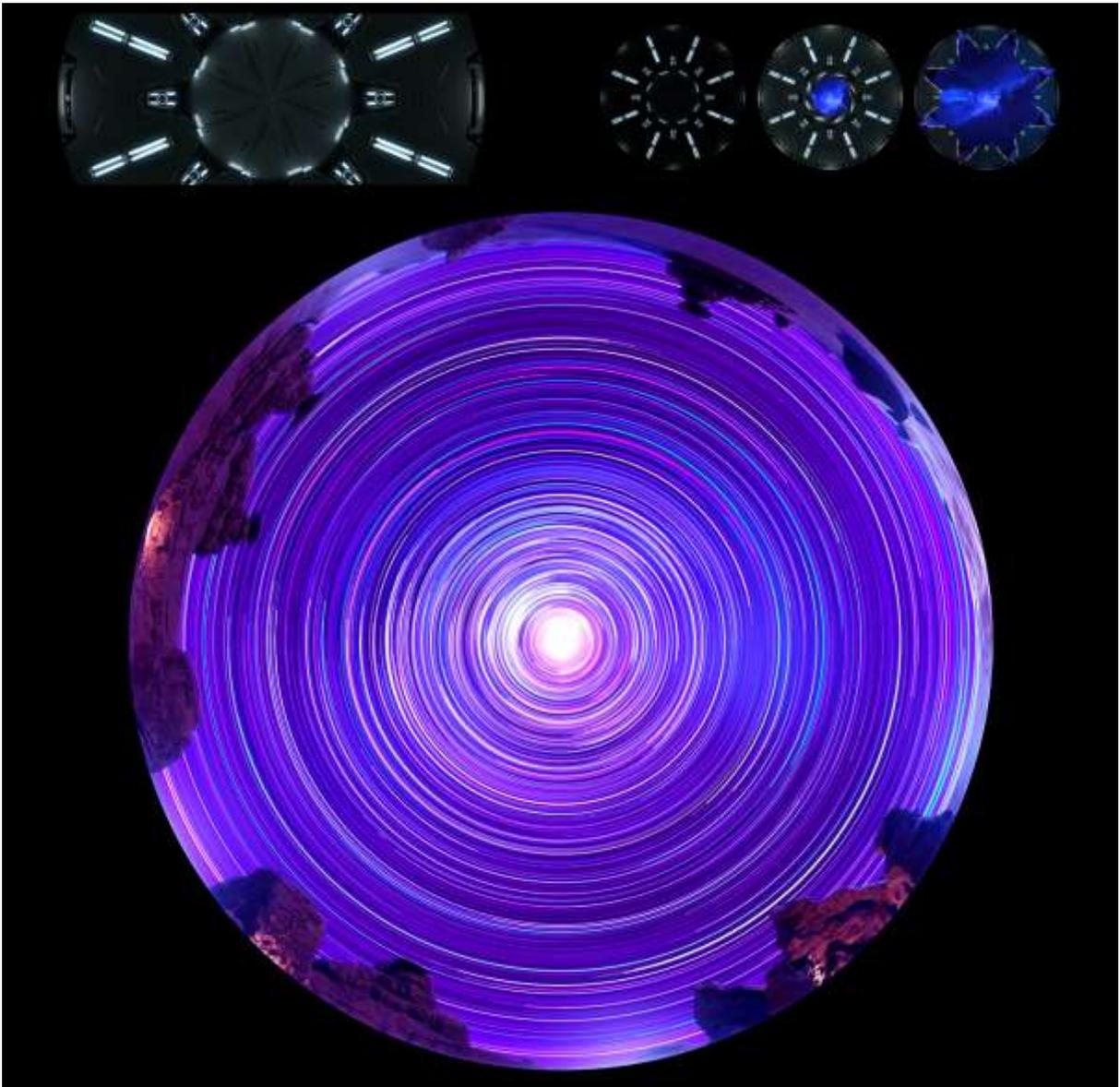


PRODUCTION

The plot of the show takes us to the journey through history of astronomy science in Arabic civilization, it tells us a story about the Space. The main goal we wanted to archive was to escape well-known Images and ideas and to come up with wondrous, remarkable, extraordinary pictures, which showed us the familiar scenes from the unusual point of view.

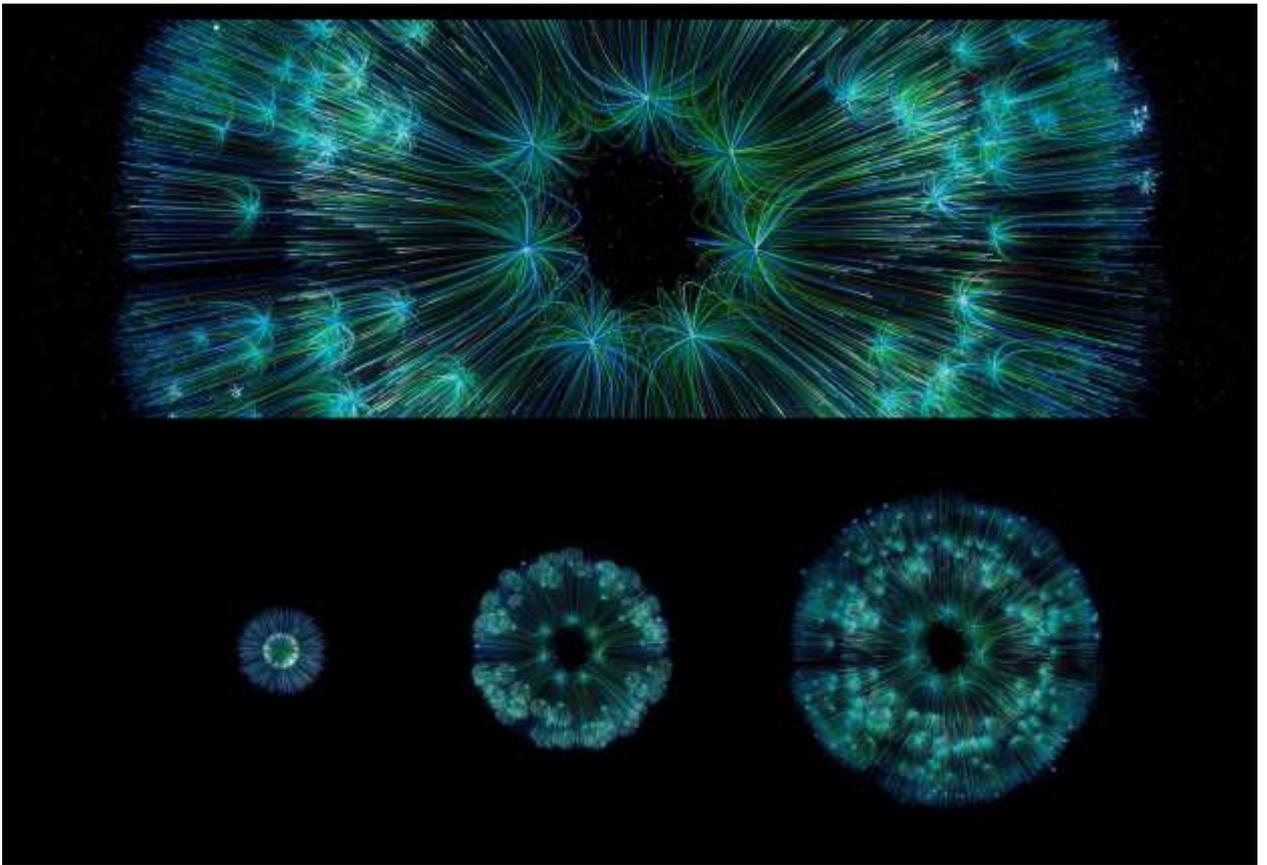
INTRO

The foretaste of something impressive, an intrigue of something groundbreaking - those were the feelings we wanted the viewer to experience when the show starts. To meet those vibes we came up with the dome which is opening slowly and stately, gently dipping the audience into the endless mind bending vastness of space.



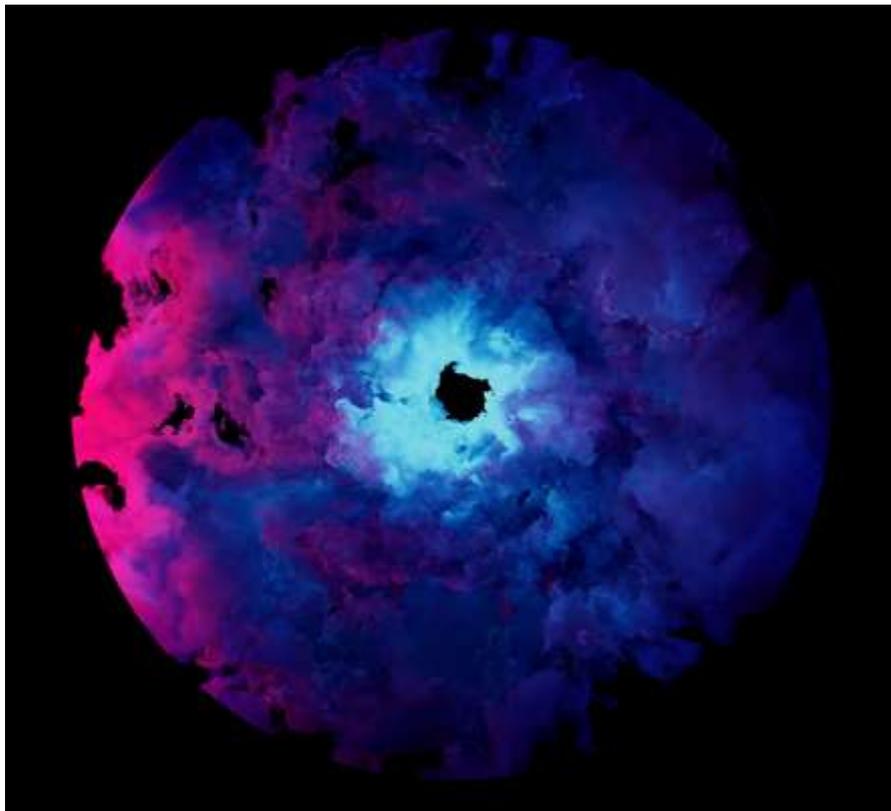
FRACTAL

Here we were challenged to illustrate the power of human's imagination, growing and evolving from a tiny little point to an exuberant structure full of colors and shades, filling up the whole dome at once. Having in mind the infinity of one's imagination, we decided to use fractal patterns in this episode.



SPACE CLOUDS

It was our intention to immerse the viewer deeper into the space, and to reach that goal we created a flight through the cloud tunnel. Factoring in all of the technical issues of the dome projection mapping, we achieved the whole feeling of flight.



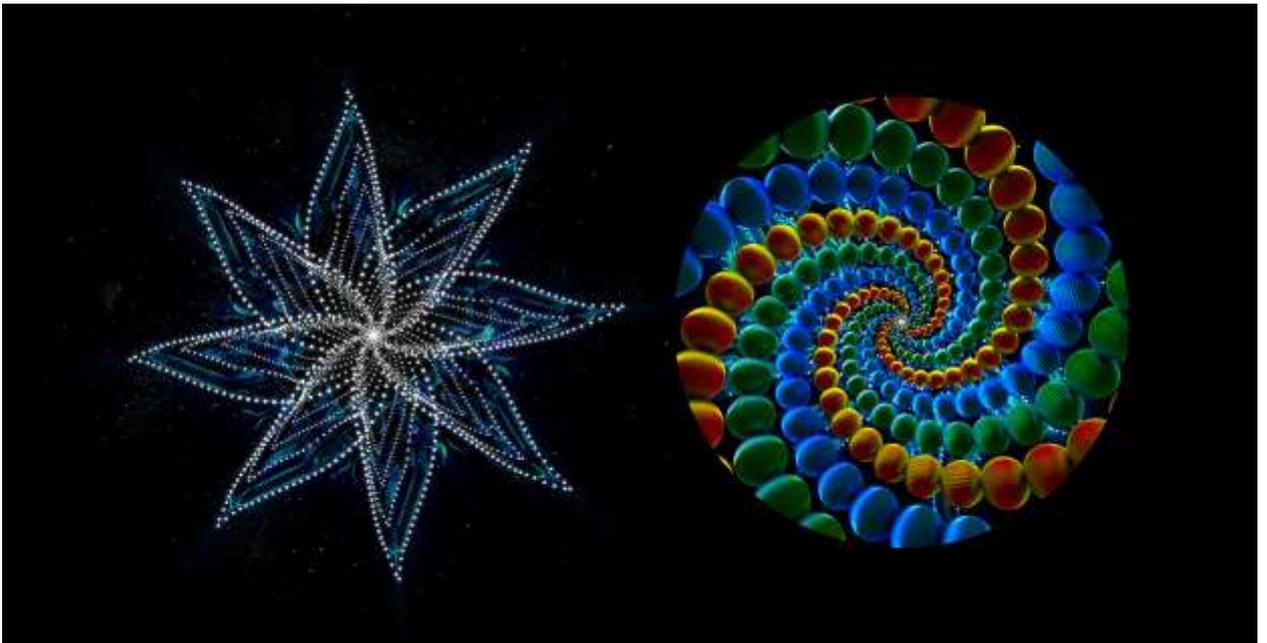
ASTRONOMY SCIENCE

This scene is about astronomy science. We aimed to avoid familiar images and well-known shapes, so we've produced an astonishing composition of dimensional metamorphosis.



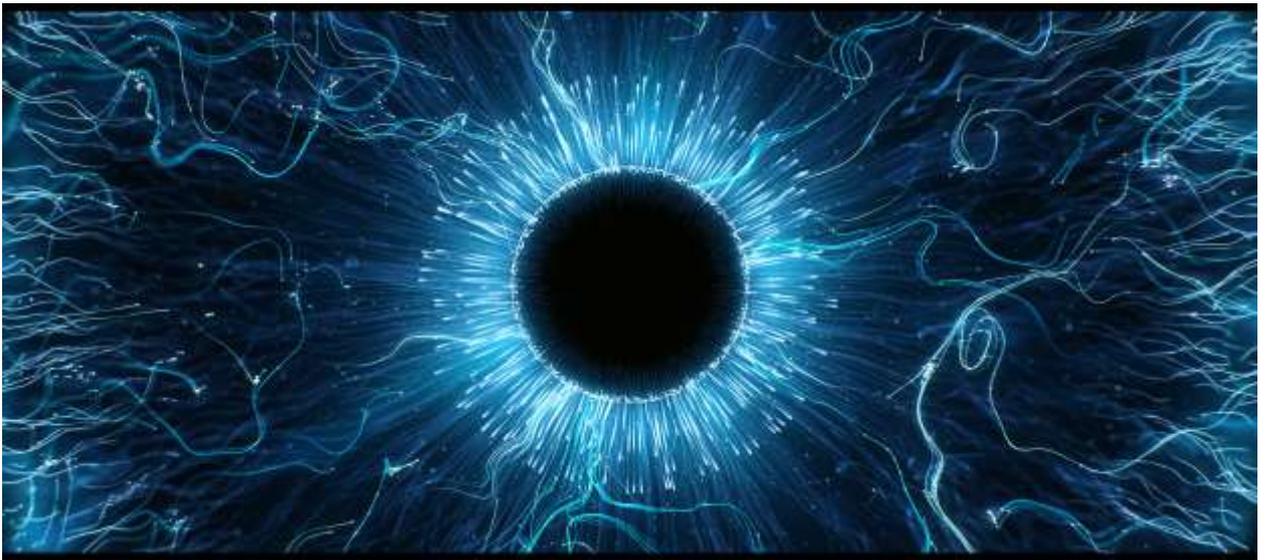
FLOWER

Since ancient times human stared at the sky visualising something more than just stars. They sought for regularities, combining stars into patterns and known shapes, they poeticised the heaven trying to solve the mystery of the dark lure space. This is our vision of the episode.



EYE

Human vision us the first tool used to explore the enchanting vastness of space. The knowledge of sky studying is an easy and interesting skill, just as the learning of the knew language. We intended to create an image of a human eye which would not be recognised from the very beginning, but as the story goes.



MOON

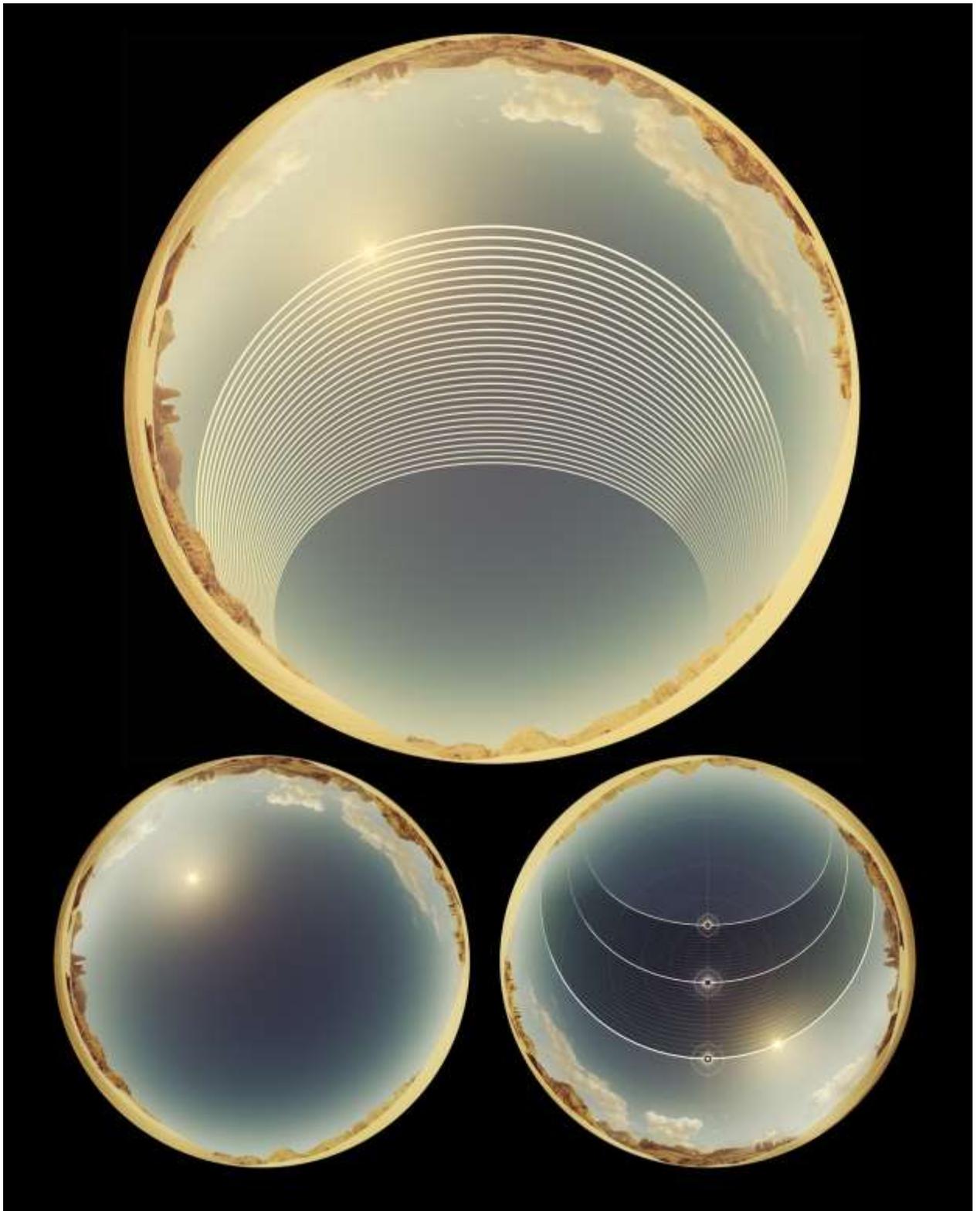
The moon is an outstanding and fascinating object itself. One can observe it forever. We decided to show all of its beauty as closely and detailed as the construction of the dome allowed us.



SUN

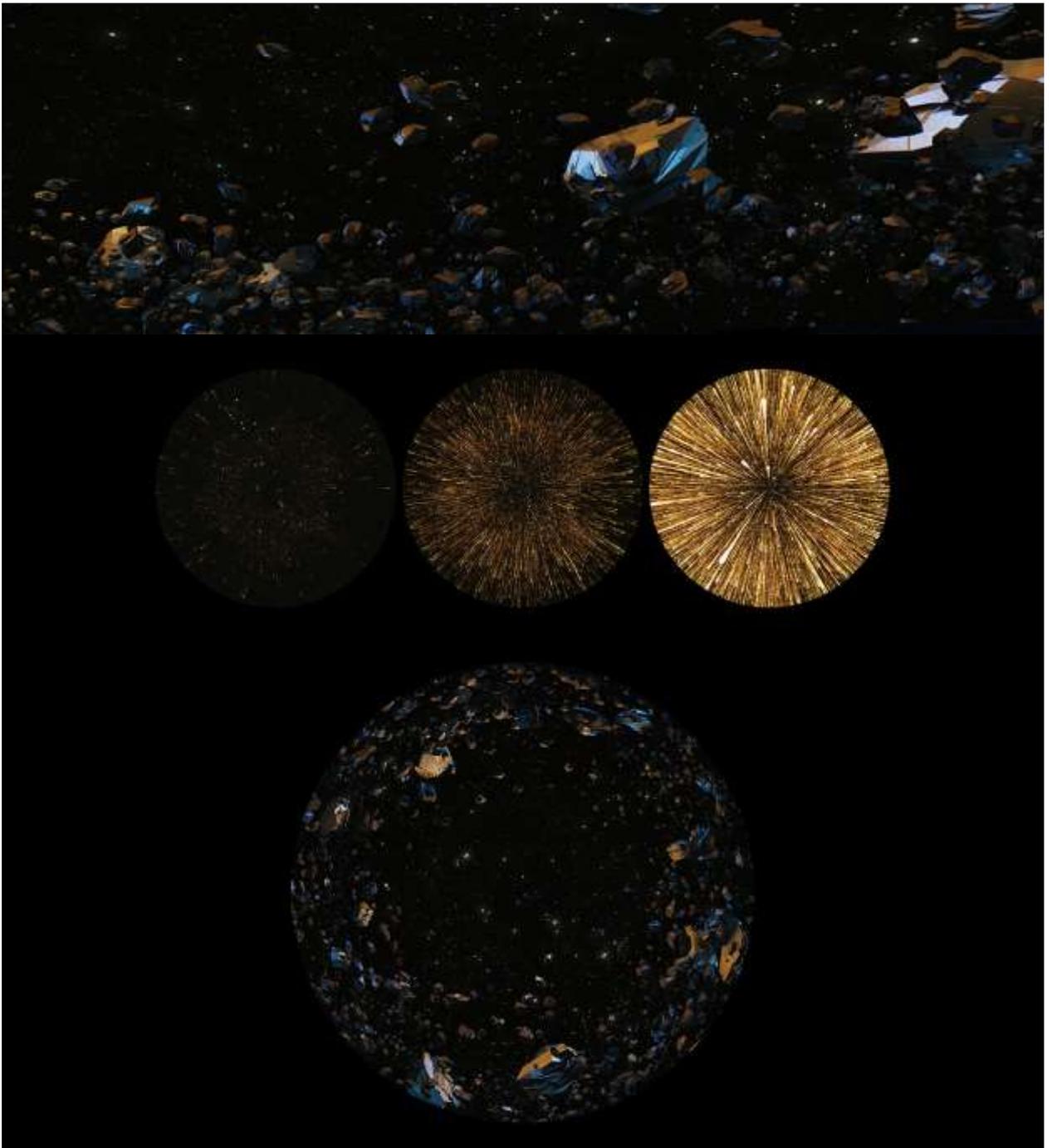
We were inspired by the reel pictures of the sky which were made using an extremely long exposure – a half of the year. If you look at those pictures, you'd see the trails that the sun left while moving around

the earth - that's how you notice the change of its trajectory through the year. Being astonished by this effect we've decided to show it in this episode about the movement of the sun.



METEOR SHOWER

Here we wanted the audience to land into a peculiar point of view which you'd never succeed to hit in real life. Our viewer appears to get into the center of the meteor shower. The sparkling stars are crashing down right into the viewer's point of view, which gives us an outstanding visual effect.



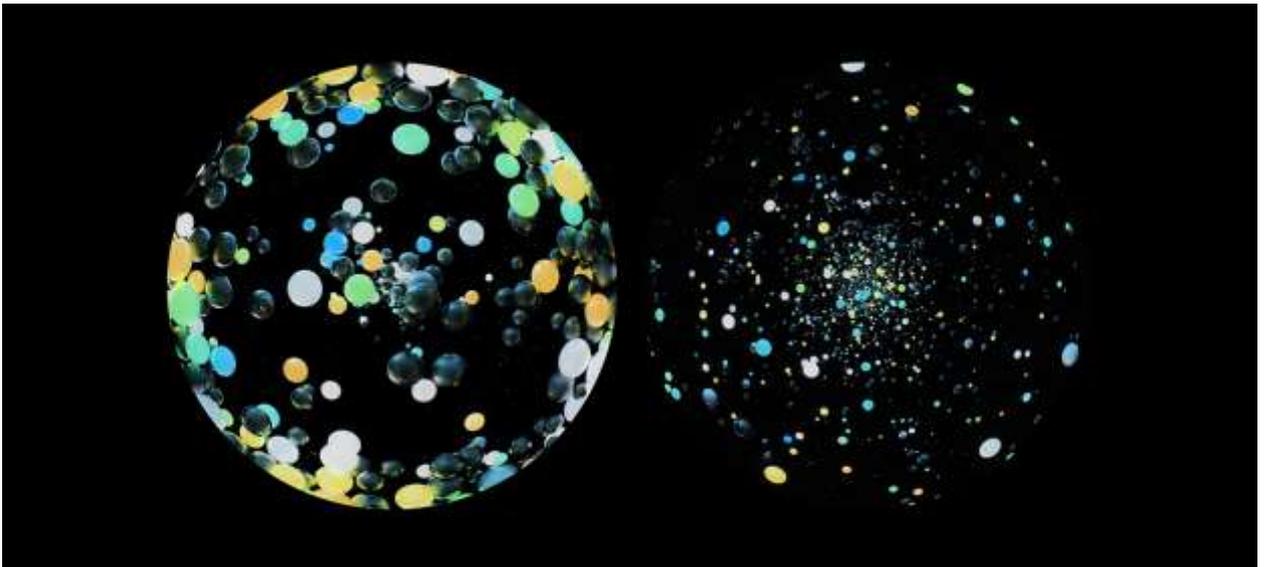
SOLAR SYSTEM

The complex organisation and construction of the solar system is a lead theme of this episode, and our intentions were to show it as abstract and uncommonly as we could imagine. At the same time we wanted to represent authentically the physics indications such as the speed of planets' rotation and etc.



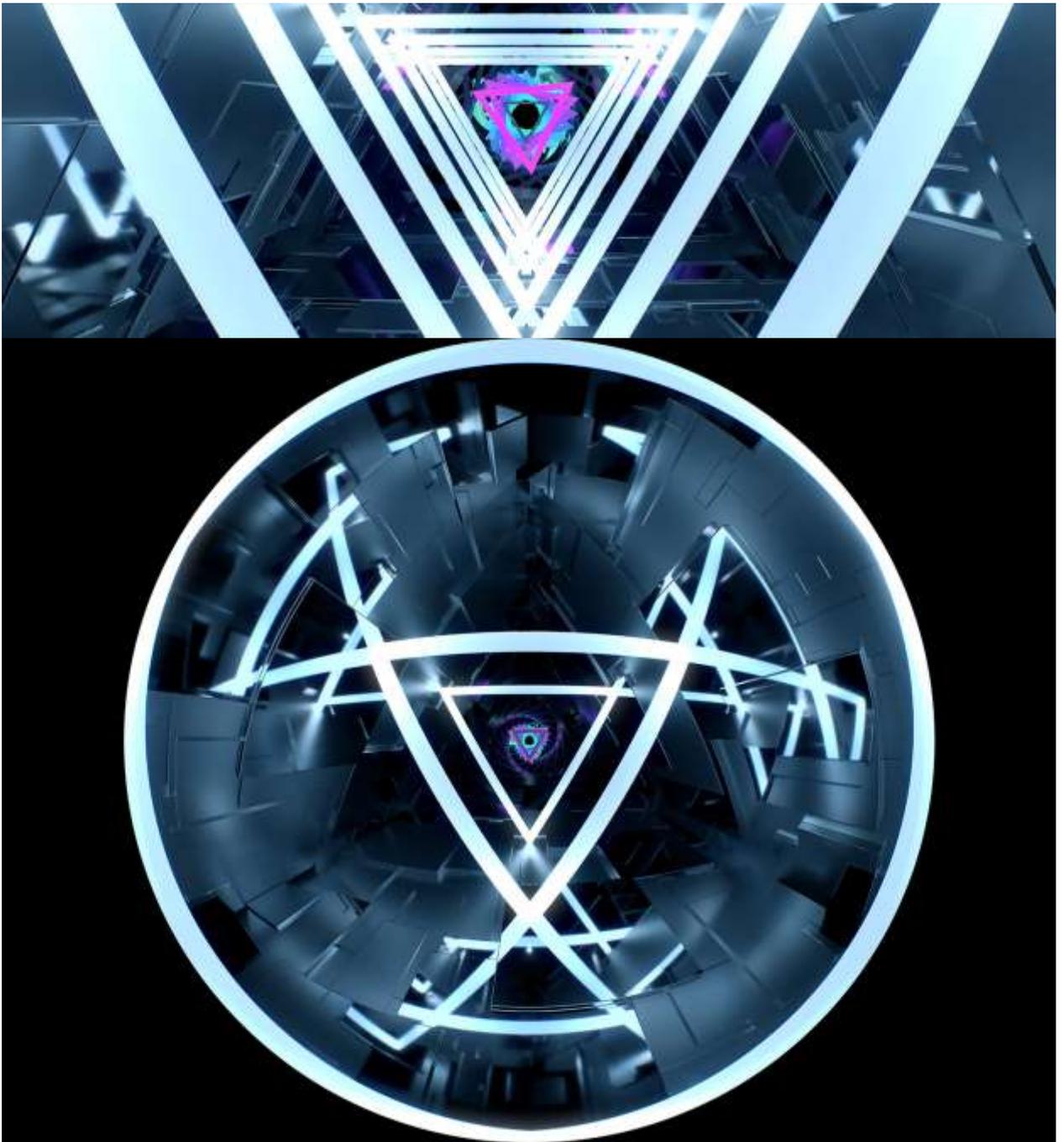
CELESTIAL BODIES

The plot of the show leads us to the story of different celestial bodies, which the space consists of. To visualise it we came up with a bunch of different colorful balls filling up the whole dome. The shining balls stand up for the stars and comets, the dark ones are the planets, satellites and asteroids.



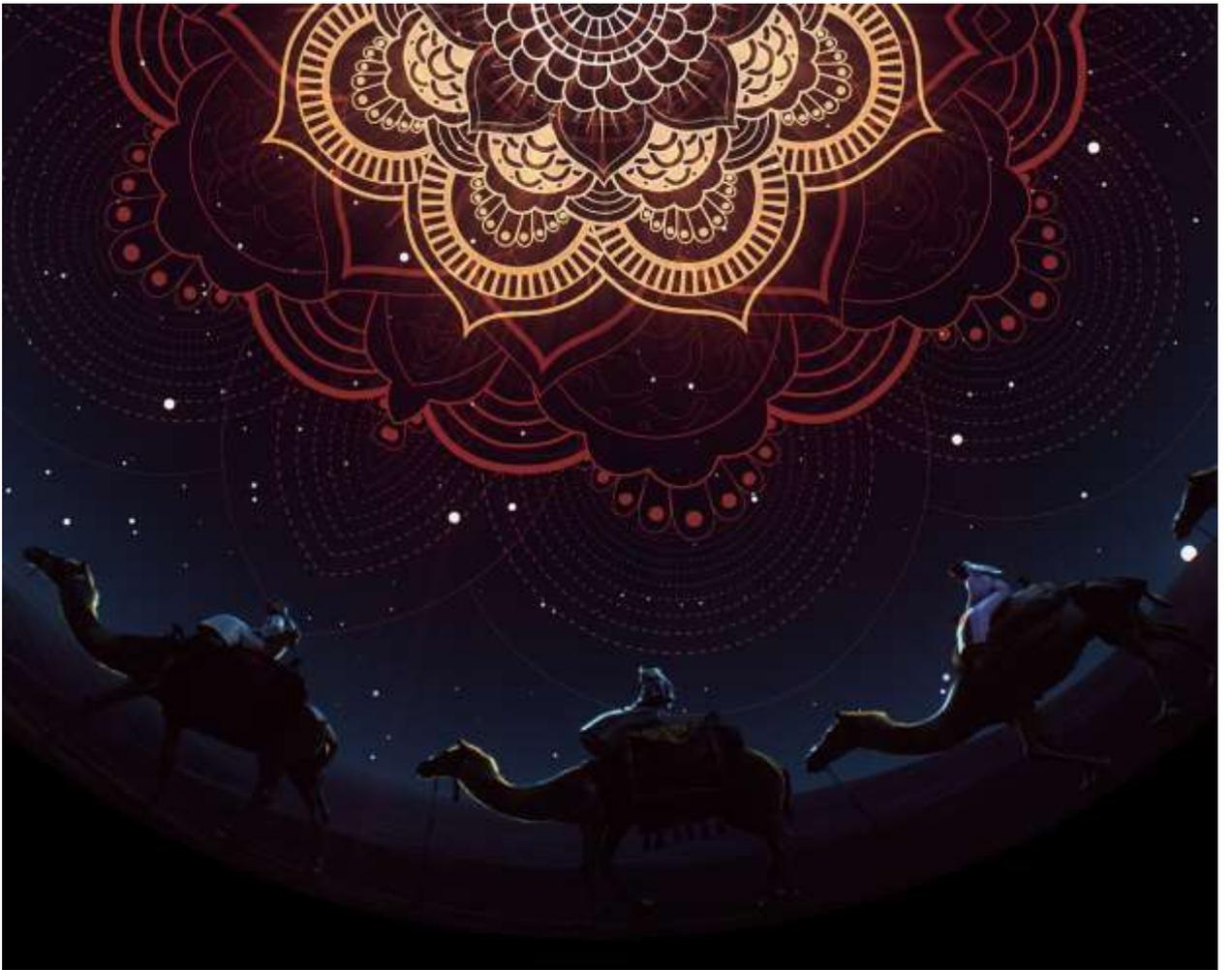
TONNEL

Human fell in love with the stars. How do they shine and reflect the light? To become the beauty of the night and its silence surrounding us, and to help finding the ways and directions.



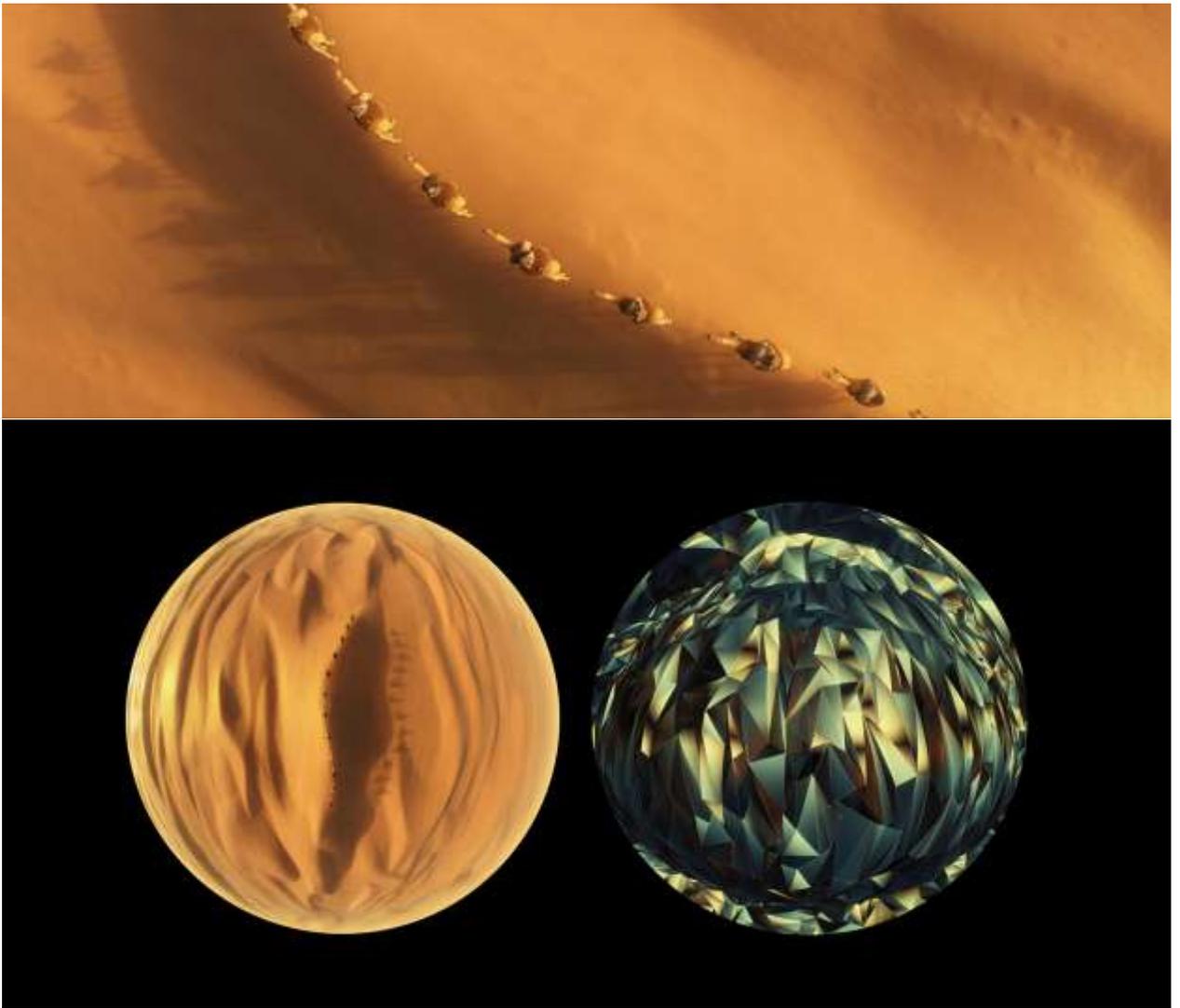
CARAVAN

Since ancient times a man identified stars as familiar objects from his real life such as animals and plants. He saw the sky as a patch full of shapes, pictures and signs, so he gave them names like Scorpio, Libra and Pisces.



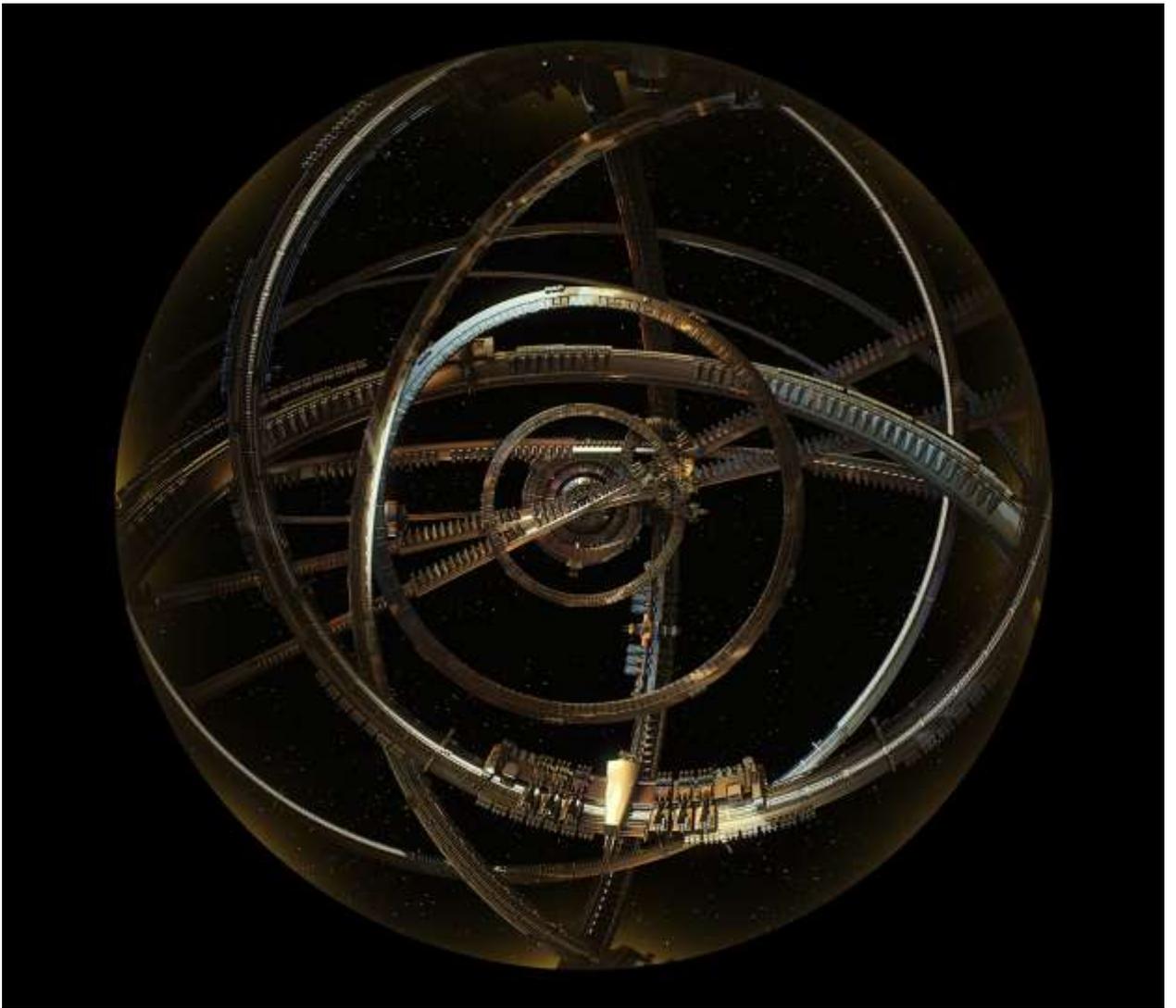
DESERT

This scene stands for the Importance of the astronomy science in the life of ancient Arab nation and how it helped them to navigate their convoys through the endless desert of the sea.



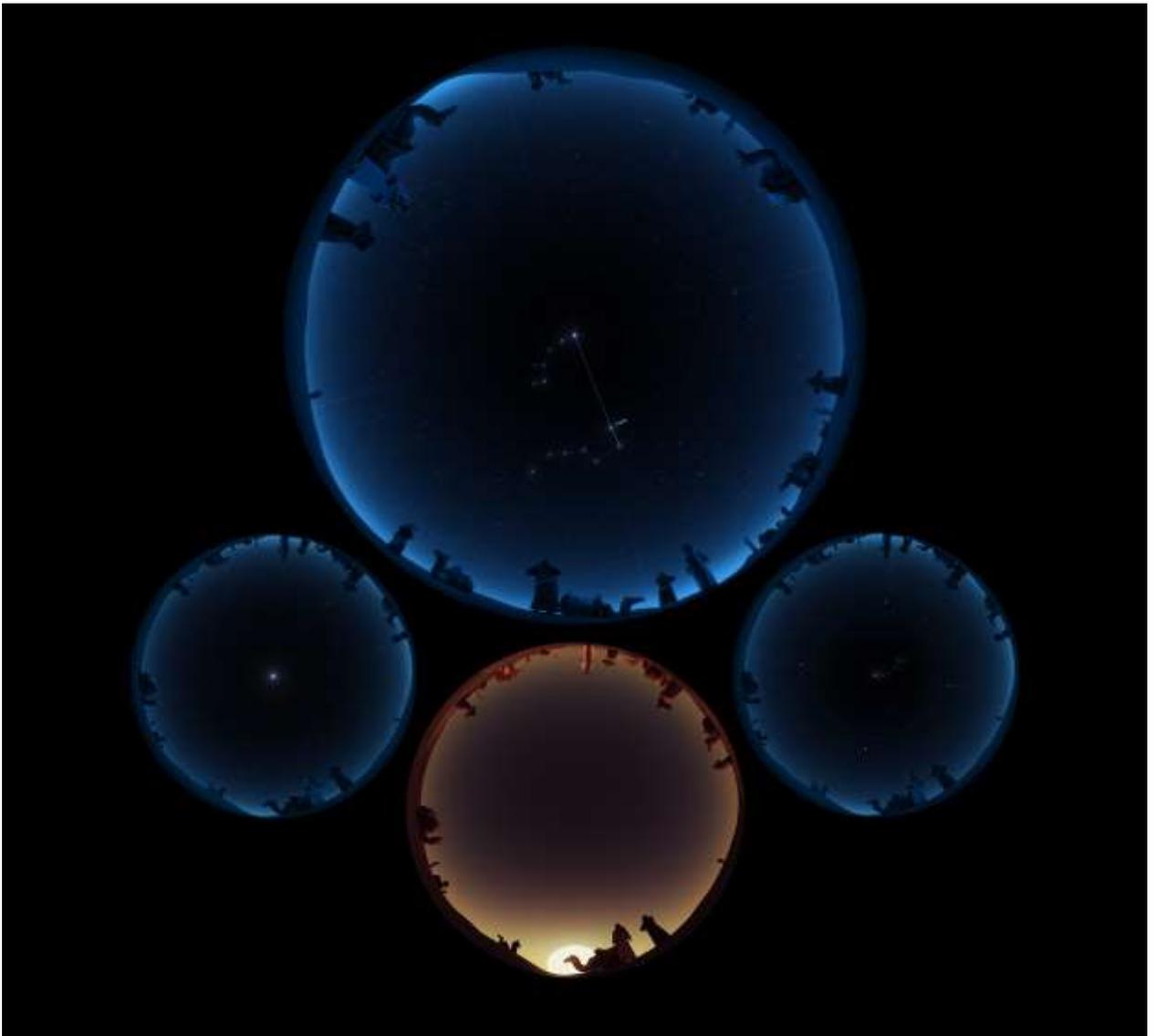
ARMILLARY SPHERE

We go on with a story about a role of astronomy science in the Arab nation history. Our Idea was to out the audience inside the gigantic armillary sphere. We wanted to stay closer to the traditional visual look of those sphere but at the same time we decided to light this scene up with some technology details, so we came up with an original gold sci-fi look here.



NOTHERN STAR

Here goes an episode which narrates the viewer of the ways to find directions through the example of well-known constellations - the Big and the Small Dipper. We also explain how to find the Northern star.



To and the show we created a tremendously powerful scene, which serves to provide a mind-heading effect on the audience. A milky way, gracefully whirling above the observers' heads is closing up the show in the most eye-catching way.

360° FULL VERSION

<https://vimeo.com/255018323>

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