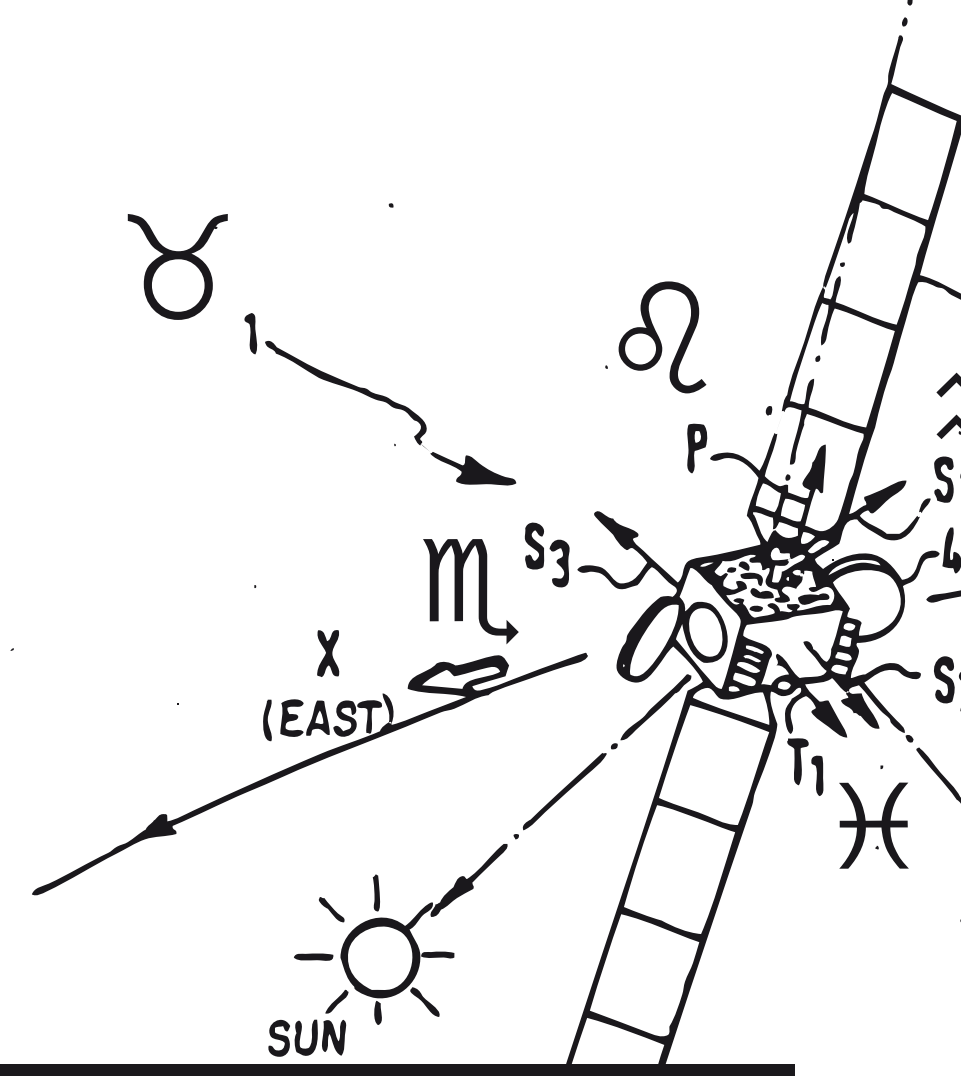


VIRTUAL SOLAR SYSTEM

3D online-platform

Luo Yu



Virtual Solar System is an innovative 3D online platform. Through this you will not only learn the structure and context of the solar system, but also a fantastic space that can be experienced through simple interactive body movements. When the user visited this platform, the hand movements of user will be recorded by the camera as commands. Once the system has found a projector connection, this platform is switched into the "astronaut mode", in this mode

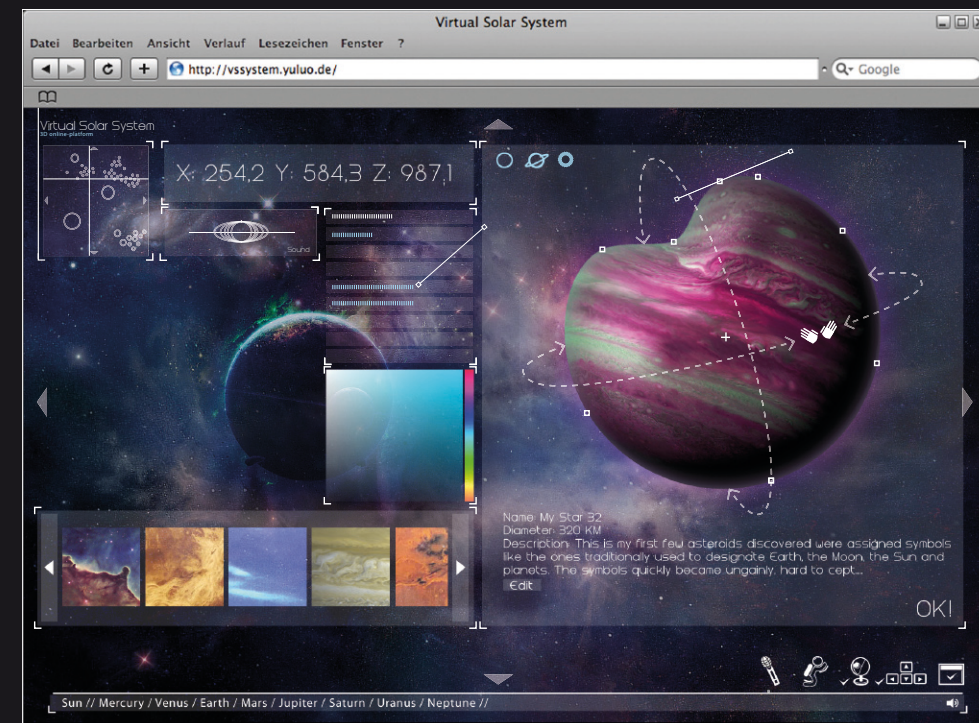
you can move in front of the screen free by own hands and feet in order to feel the spectacular of the space-walk. Each user can even set up their own celestial bodies and share online.



At any time you can open the 3D red/cyan view mode, in this mode, you can put on 3D glasses to experience the anaglyph environment.



Explore Functionality // Explore the solar system



Multi-User Functionality // Set up your own celestial bodies. Let other users see your planet



Zoom // View Details / Movement in Y-axis



Warp // Long-Distance Shuttle / Fast-moving in Y-axis



Spacewalk // Movement in Y- and Z-axis



Move // Movement in X-, Y- and Z-axis

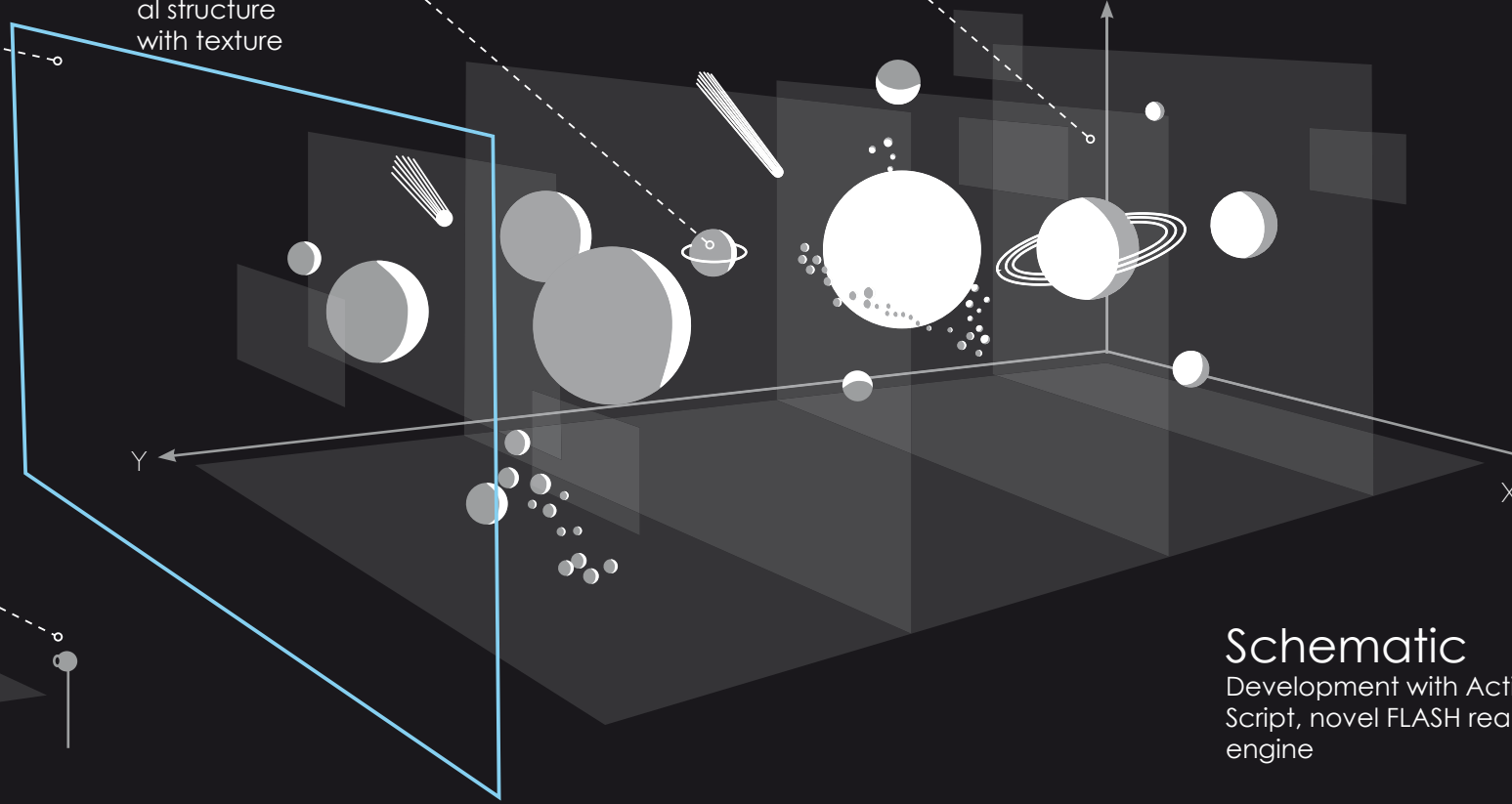
Normal Mode
Move your hands in front of the camera by a computer. Instead of the mouse to control the position in space and the platform.

Astronaut Mode
Move the body in front of the projector to control the position in space. Different positions (hands and feet co-ordination) will be able to achieve different functions.
Amazing experiences with 3D glasses

Camera
Camera identify and record the location of palms and feet to control the direction

3D Objects
All planets are three-dimensional structure with texture

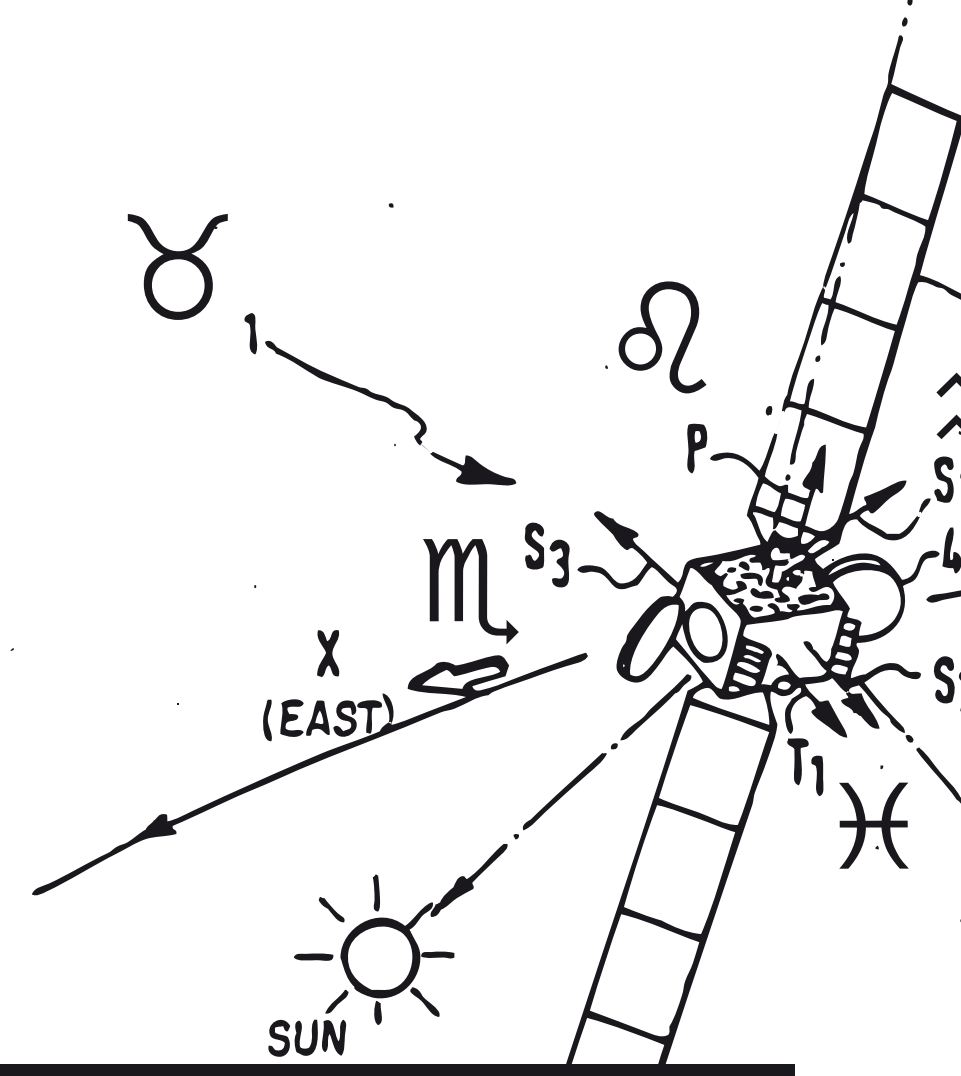
2D Objects
All nebulae, galaxies and other non-figurative objects attached to the different layers



Schematic
Development with ActionScript, novel FLASH real 3D engine

DREAMS IN INNER SPACE AND THE FRONTIER OF THE VOID

Hamish John Appleby



THAT STRUCTURE WORD The structure of the workshops have also had to have been condensed as class time is both precious and it has been quite a challenge to even organise the time that I have been given due to the all the other time constrains of both overseeing teachers, class times and students etc... Therefore, I will continue to update the progress as it happens...

IN TO IT The first assignment we have worked on in this series of workshops is exploring the idea of inner space and more succinctly the idea of boundlessness. Through meditation and then silent drawing with blindfolds, the participants have been able to explore a new type of space and one that has previously been undiscovered. The results of the drawing thus far have been both remarkable and even outstanding - as the participants spend 28 minutes of their life in this brave new world of inner space...

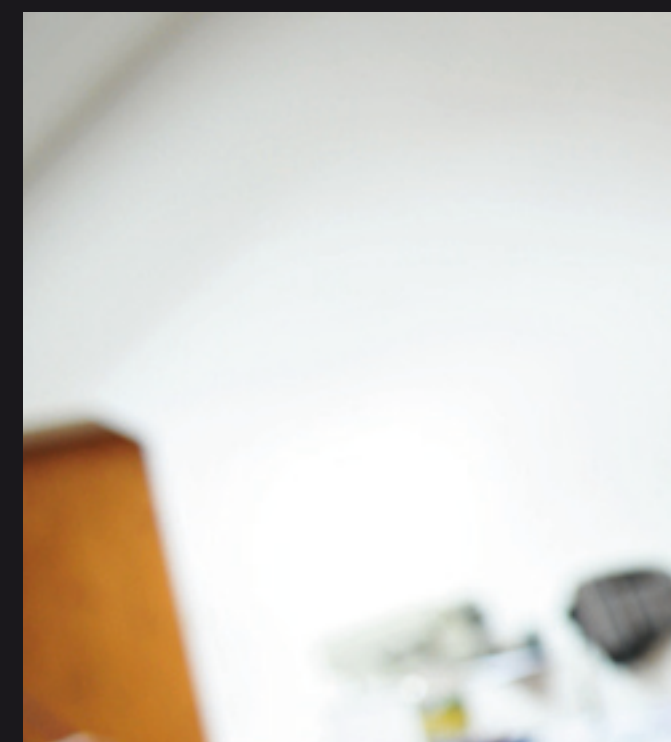
FOLLOW UP The follow-up group discussions have also been interesting, with students talking about how they felt and how their approach to this type of visual communication was altered. We have also looked at the artist - Yves Klein's idea of the void and how that relates to this pro-

cess on the idea of infinite space...

YVES KLEIN SAID... As I lay stretched upon the beach of Nice, I began to feel hatred for birds which flew back and forth across my blue sky, cloudless sky, because they tried to bore holes in my greatest and most beautiful work.

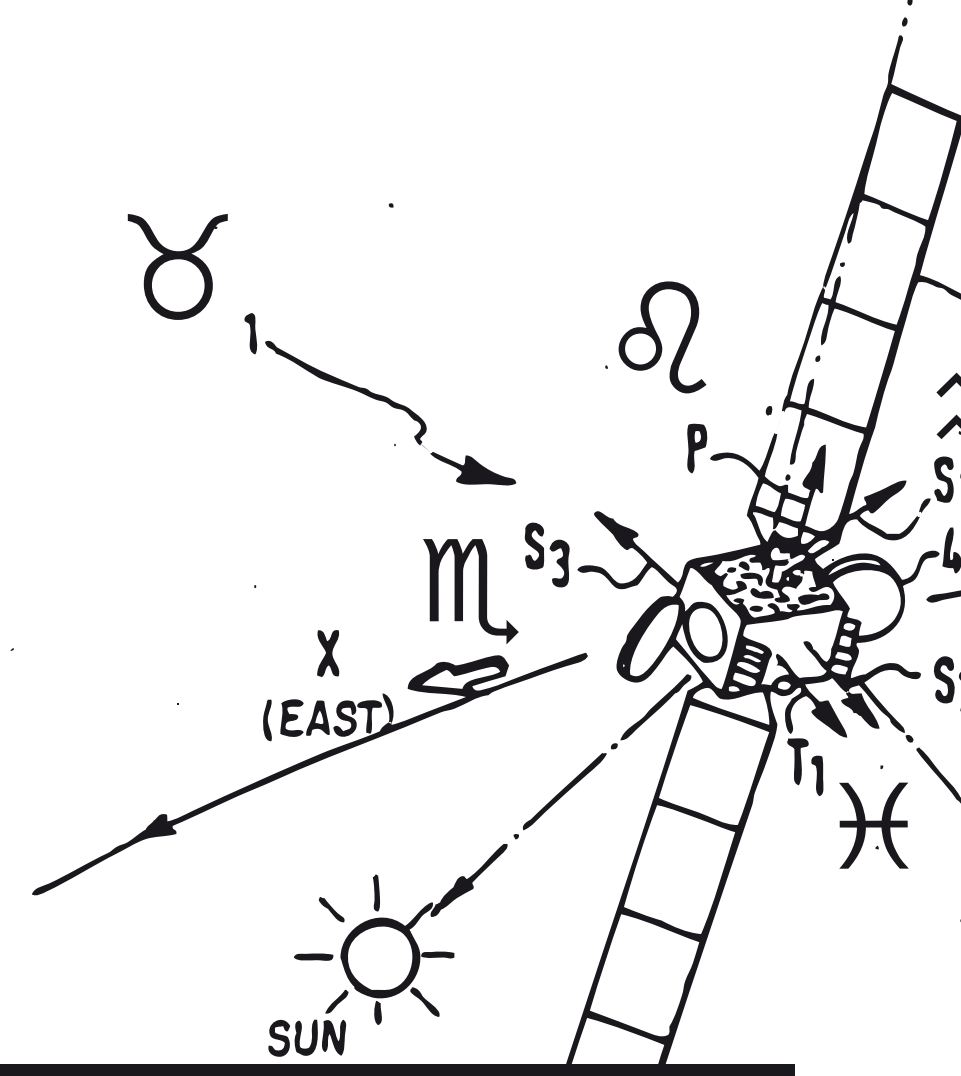
FINE PRINT For reasons of privacy, I have only been able to upload images that focus on the work, avoiding showing people's faces, but I am hoping to get permission to include more images soon...

CHECK OUT THE FIRST IMAGES!



REISEN DUCH ZEIT UND RAUM

Fan Yu

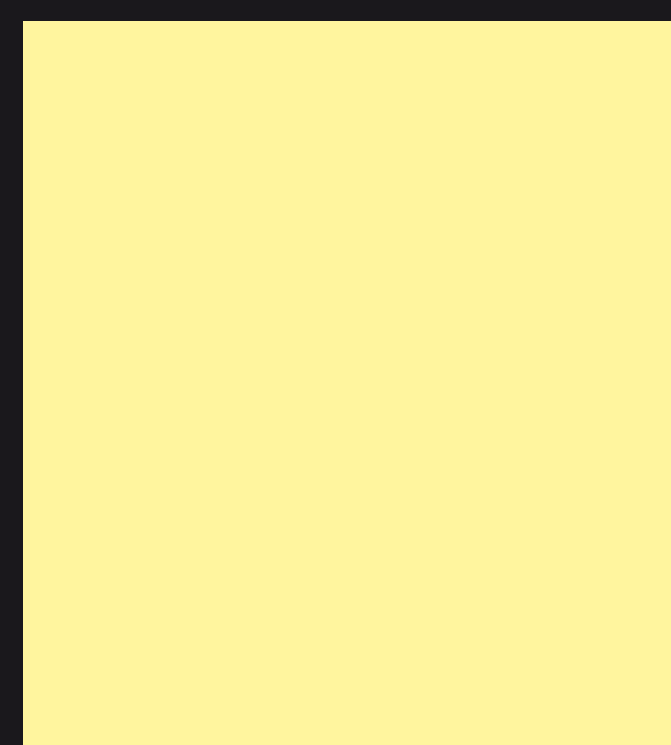
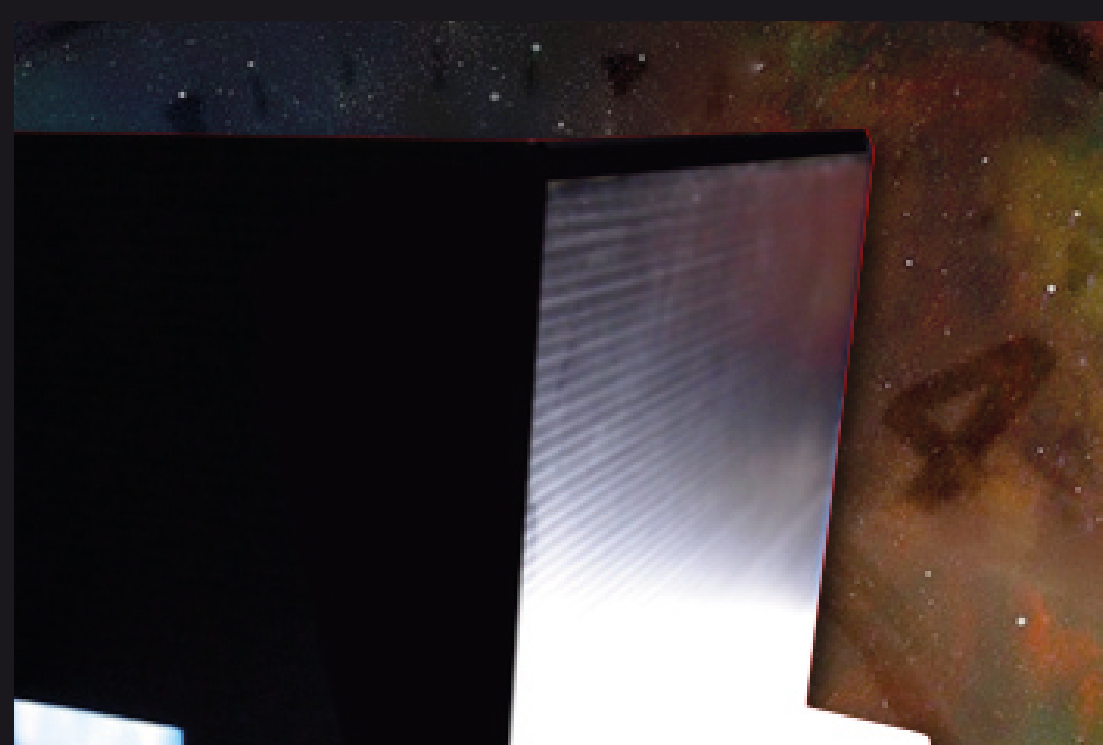
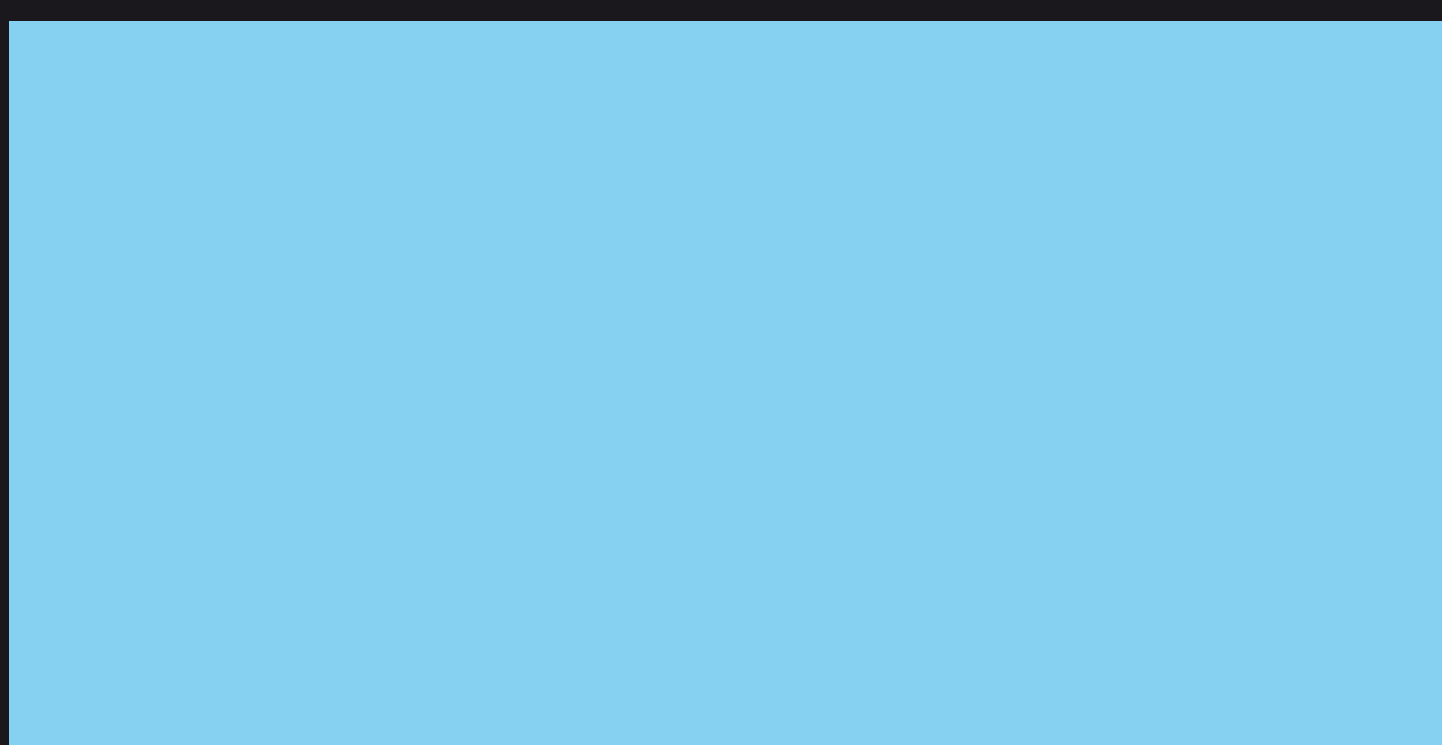
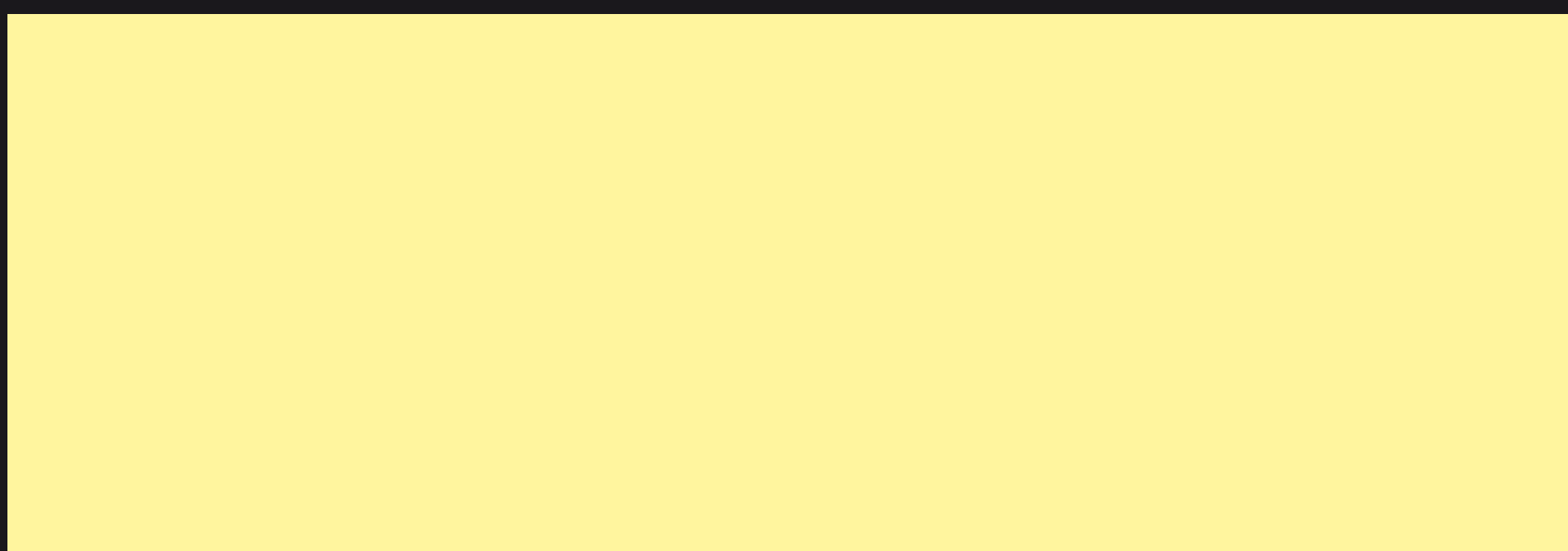
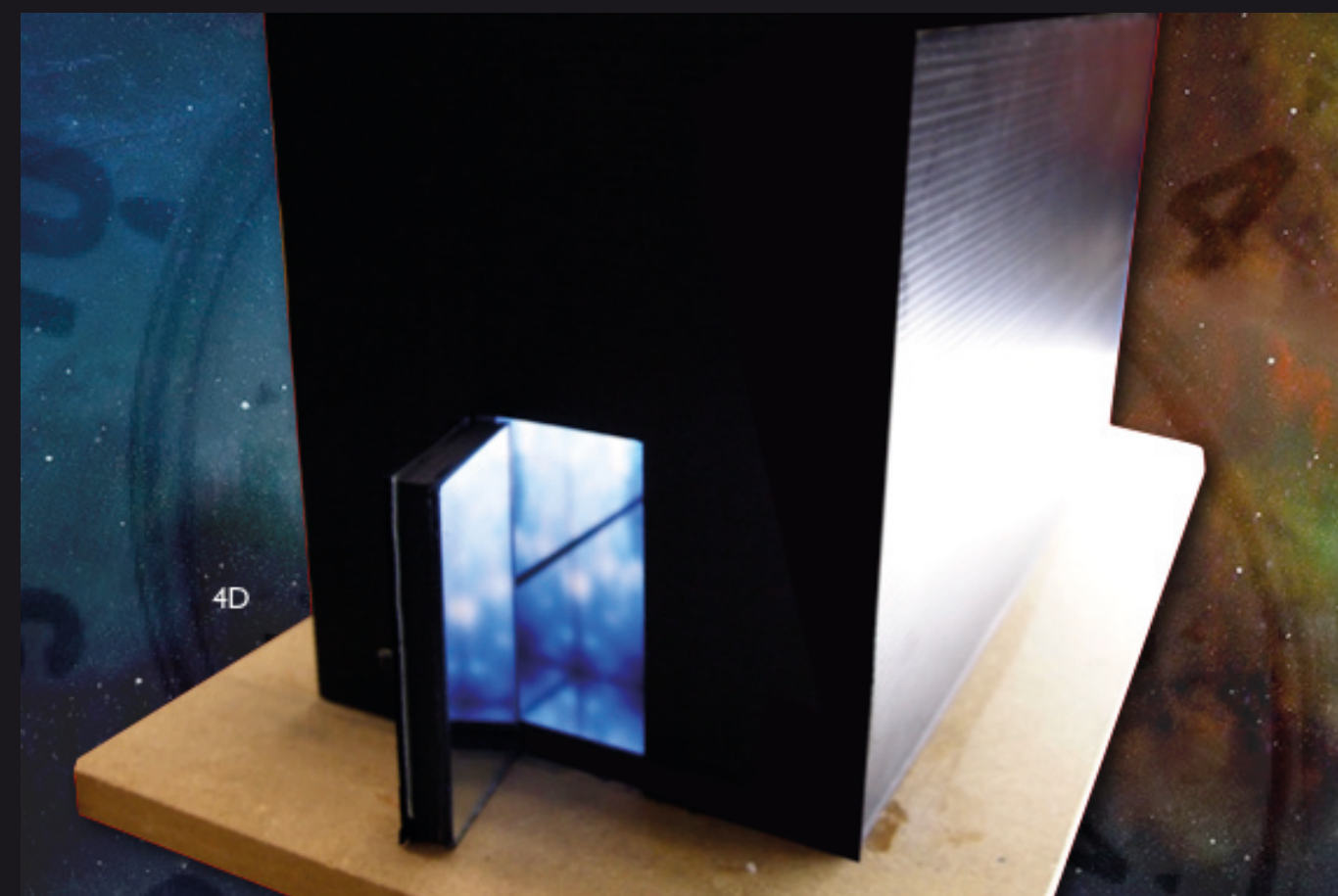
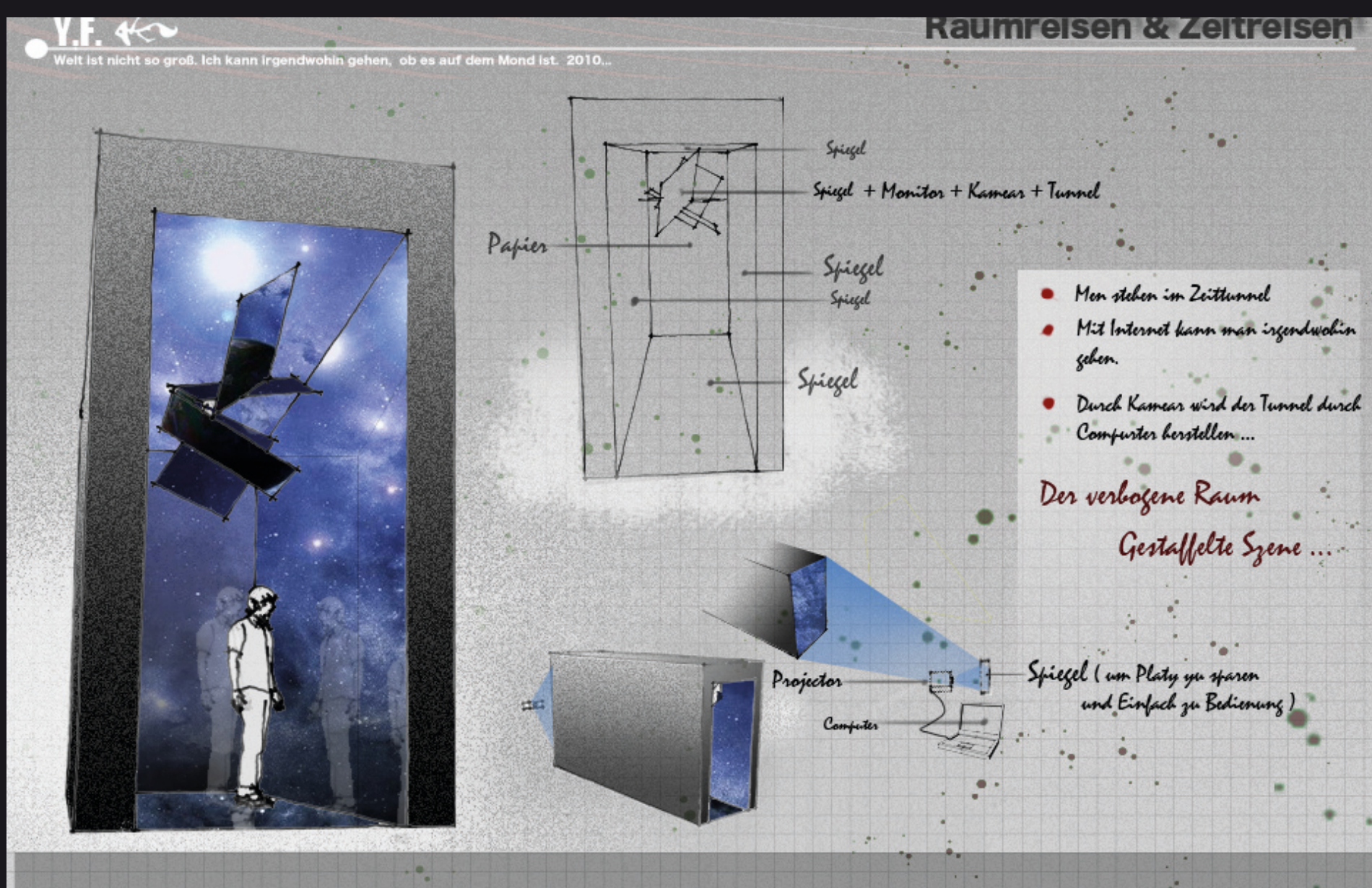


Wenn man über den 4D Begriff erinnern kann, versteht man schon darüber, dass wir in einer Raum-Zeit-vier-dimensionalen (3 räumliche Achse und einer Zeitleiste) leben. Nach dem Konzept Einsteins als die vier bekannten dreidimensionalen Raum besteht unser Universum aus Zeit und Raum, und dies ist eine virtuelle Timeline Wertachse. 'Das Internet ist ein weltweites Netzwerk bestehend aus vielen Rechnernetzwerken, durch das Daten ausgetauscht werden.' (von wikipedia).

Das Internet spielt heutzutage eine sehr große und wichtige Rolle. Man kann durchs Internet alles mögliche machen, Freunde kennenlernen, Informationen über alles finden...nachrichten... Alles können Sie hier kriegen. Es gibt sonst nichts auf dieser Welt. Internetbesucher kann nicht nur die Information über Vergangenheit und Gegenwart finden, sondern auch über den Ausblick in der Zukunft... Zeit, die ein wichtiger Bestandteil der vier-dimensionalen Raum ist, wird durch Internet gut gezeigt.

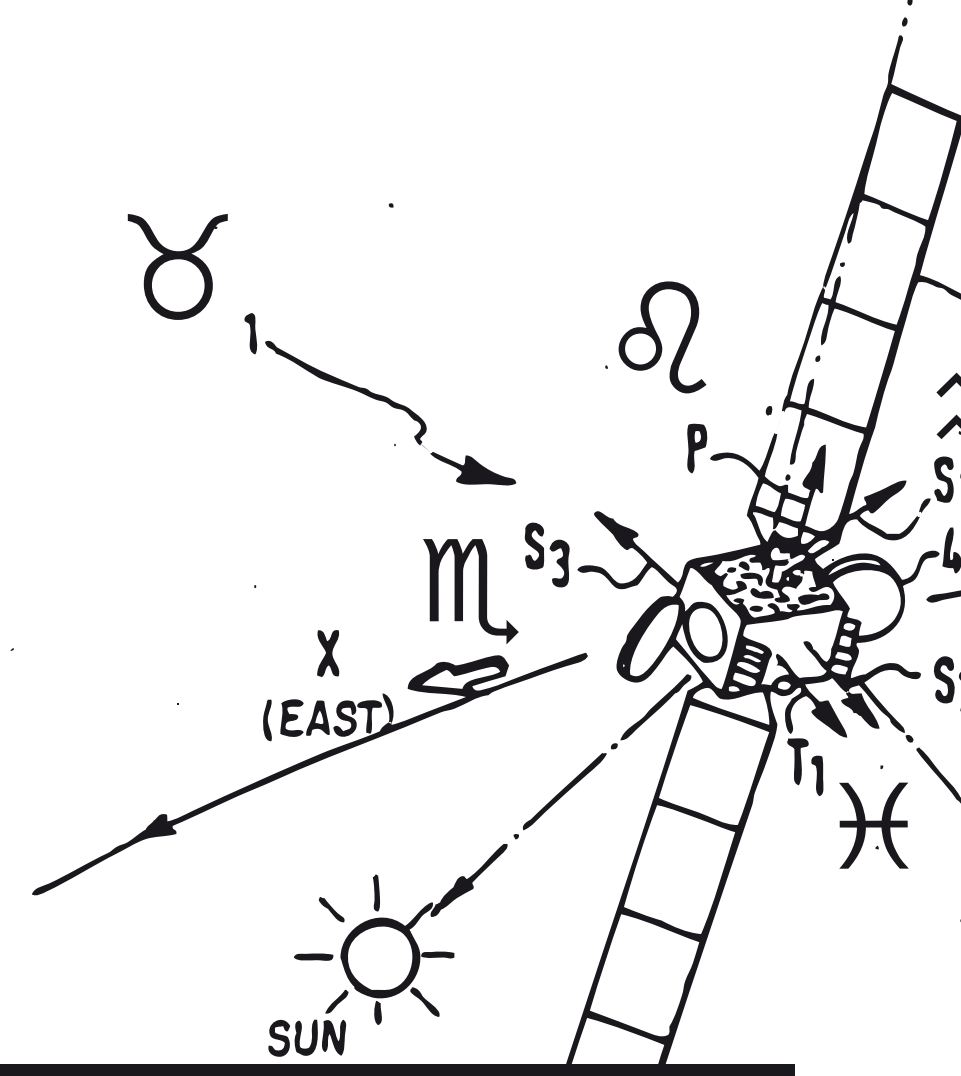
Zaubereien, meist handelt es sich um Analogiezauber, bei dem symbolische Handlungen einen abbildhaften Erfolg in der Wirklichkeit herbeiführen sollen. Mit der Hilfe von Herr Albert Einstein und die Attraktivität

von Zaubereien baue ich das schwarze Kästchen.... Um meine Idee besser darzustellen, stelle ich meine Arbeit mit die zwei aus 'Raum' und 'Zeit' kommenden Grundstoffen her, die 'Spiegel' und 'Internet' sind. Für mich ist Spiegel eine magische Sache. Nach Reflexionsprinzip kann man einen 3D-Raum bauen, ist ohne Anfang und Ende.



VOYAGEO

André Wünsch, Anica Huck, Hannes Wagner, Michael Schlund, Michaela Honauer, Thomas Fritzsche



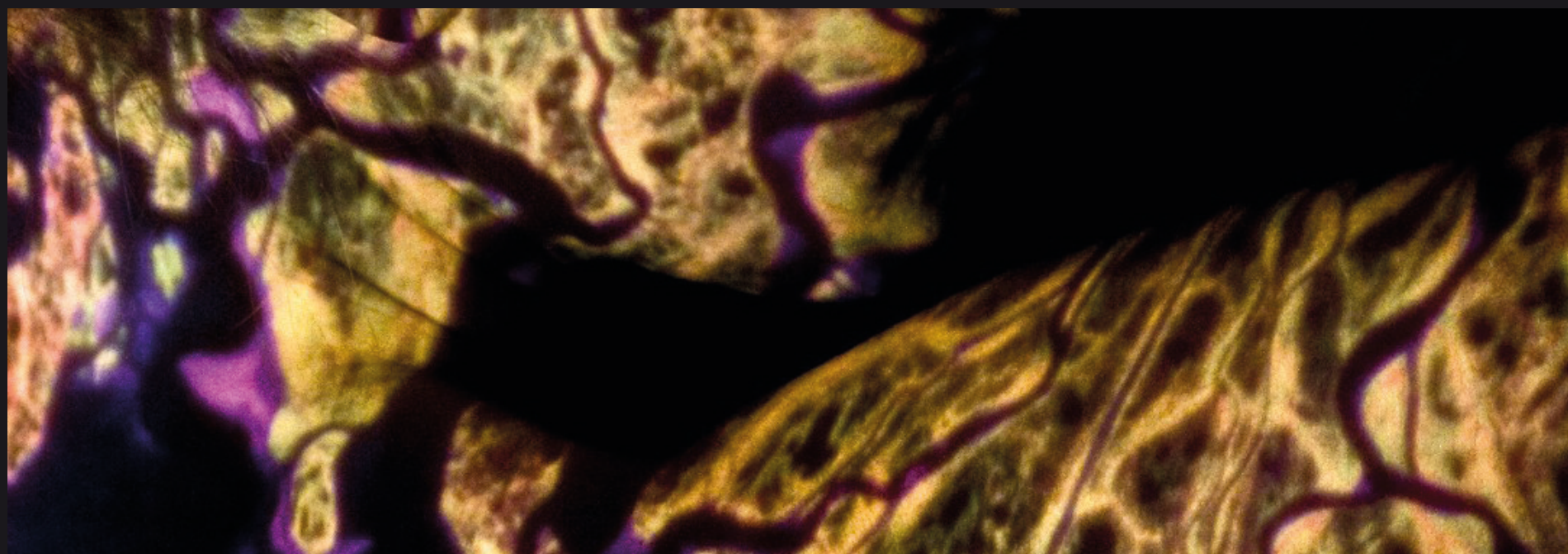
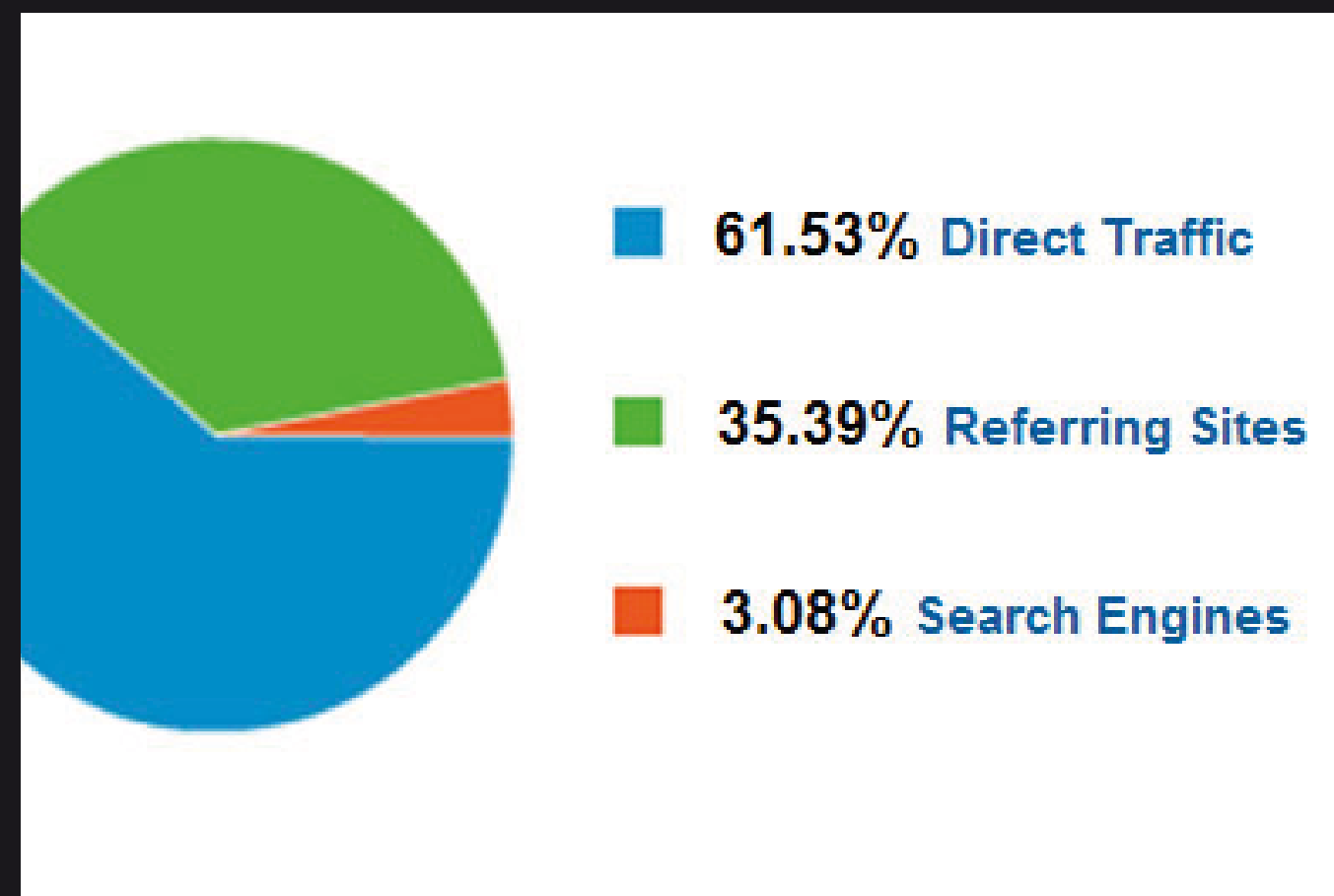
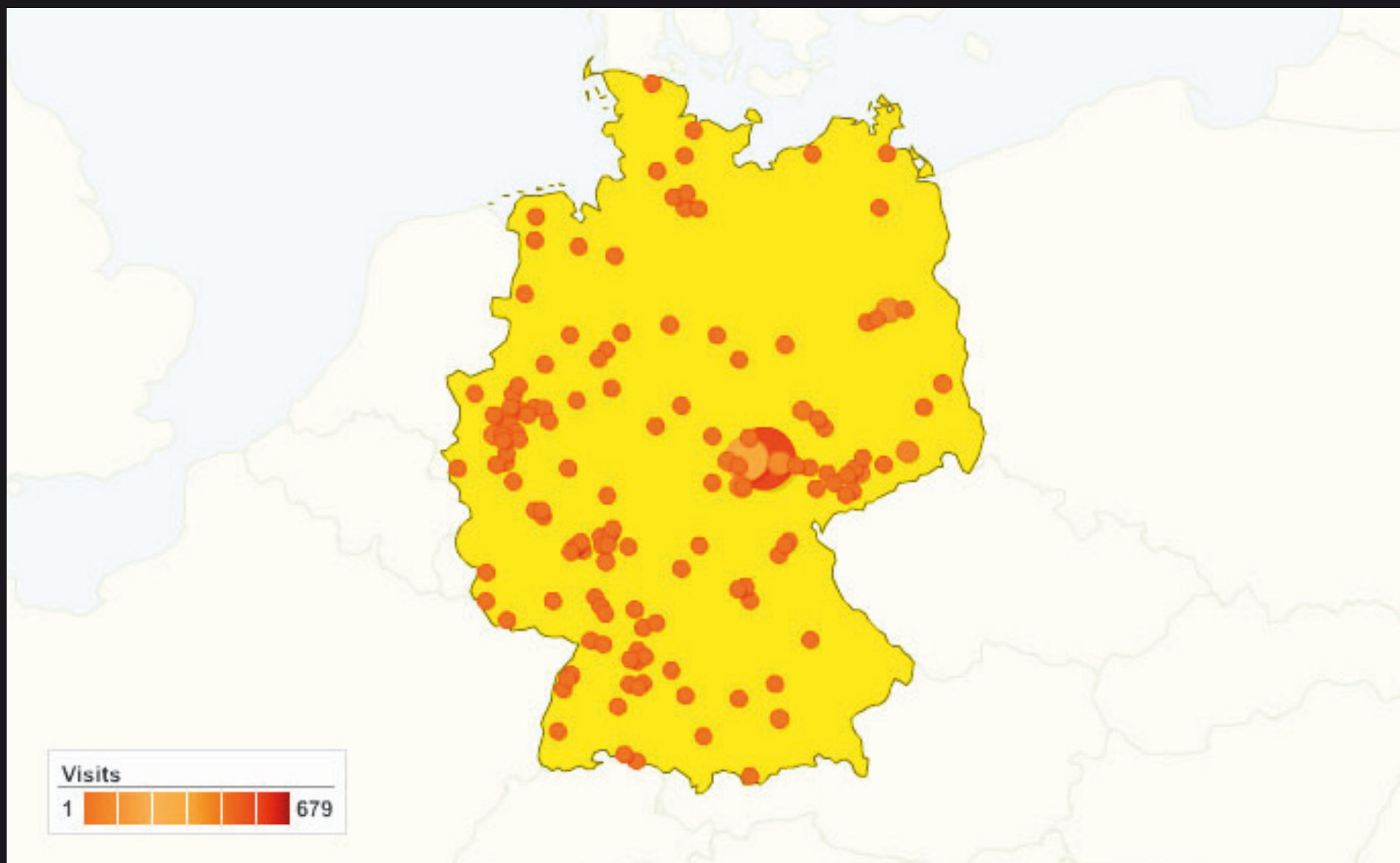
We created the Website voyageo.de that acts as "Advent Calendar", so that every day from the 1st of December until the 24th of December visitors could discover one picture there.

We made two photo-sessions with the projection of satellite images on human bodies & shot a lot of beautiful photos. After having selected 24 different themes, we completed the photos with written texts about geographical, historical, political or even individual information & published one a day. It was our aim to take the visitors on a 24-day-long journey.

According to Google-Analytics nearly 1.300 different people (absolute IP-adresses are meant, repeated visits are not counted) visited our website during the 1st to 24th of December 2009. We had in this time 8.802 pageviews at all. The average of site-viewing laid at over 7 minutes. That's really long for the typically fast consumer behavior in the Internet. Most of the reactions we personal received from the recipients were truly positive. We had visits from Austria, Switzerland, the Netherlands, the USA, the UK, France, Sweden, Argentina, Russia & from other countries. Inferential, our posting actions seemed to be successful.

Most of the visits were directly. So the use of our private networks & the direct marketing strategies had most influence on visiting this website.

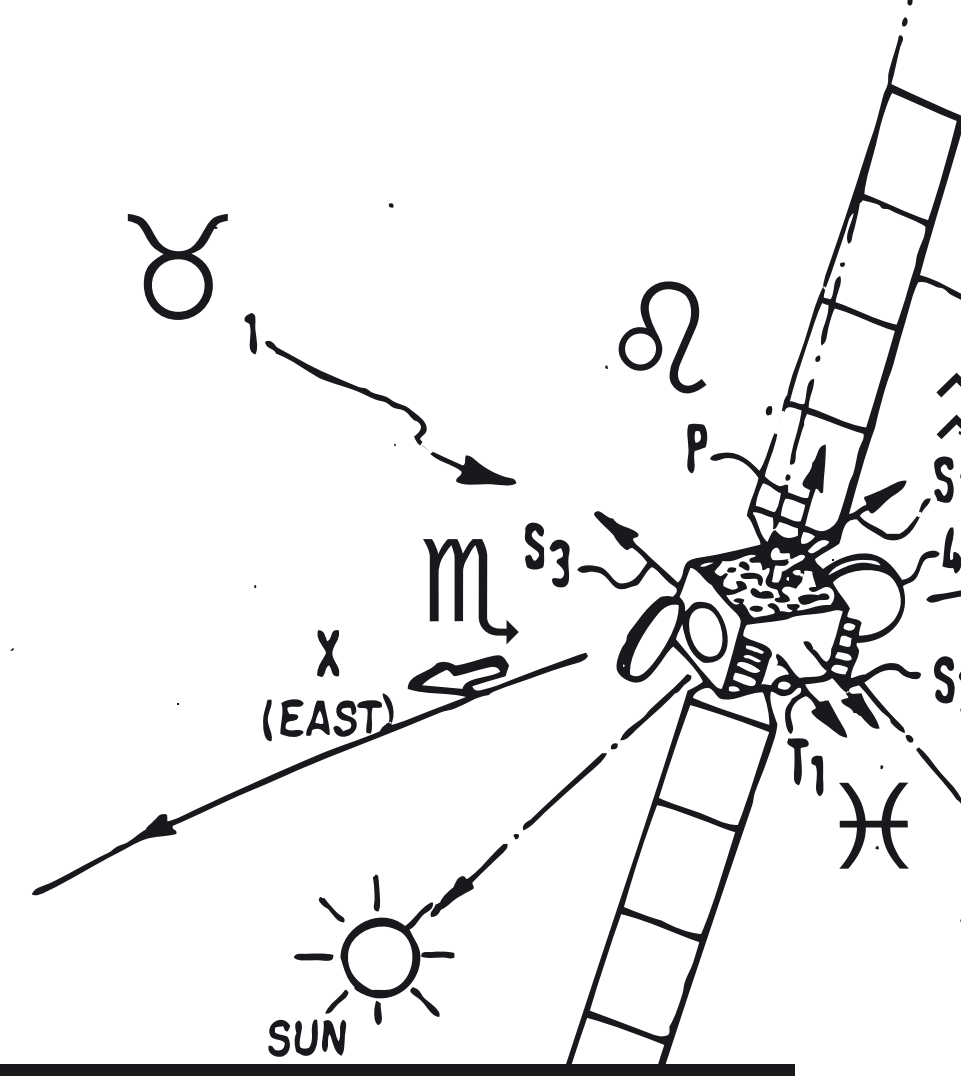
Now we "cleaned up" the site. Descriptions associated to "Advent Calendar" are no more visible. The website functionings as a gallery since January 2010. All photo-text-combinations are still available for direct visitors, search engines & referring sites. Furthermore, people who visit the site still have the chance to contact us for feedback or further information.



WASTE CIRCULATION

Erfurt-Schwerborn

Henrike Schneider



Since the evolution of mankind humans have struggled to grasp the idea of infinity. Leading academics including philosophers, mathematicians, scientists and artists continue to make efforts in a bid to better comprehend infinity as a concept. A particular emphasis has been directed towards debates focusing on explanations regarding the universe and its expansion.

Infinity is the topic of art works and theoretical essays. During the Romantic – Caspar David Friedrich tried to visualize the feeling of infinity in his drawings. Superiority. The moebius strip is a visual explanation of infinity and today used as a symbol in our daily life. The moebius strip presents a circuit and also the idea of repetition, with no beginning and no end.

As evident in the picture, including planet Earth, numerous circuits exist within our Solar System. The Earth is rotating around the Sun, the Moon around the Earth. A sunset and a sunrise represents the start and end of a 24 hour day. We have 365 days a year, 12 months and four seasons. Those cycles are always present. Additionally such order takes various other forms. Blood, water, economic and recycling circulation is

also presented through a moebius strip.

Circa 6ha of 18ha of the disposal site are renatured by now. Animals and vegetation are creating a natural environment out of a former „dead“ place. In the future there will be a natural park in conjunction with a new recycling center. As this indicates, the area Erfurt-Schwerborn is transforming dramatically.

I aim to both conceptualize and visualize the idea of circulation; the before and after - the idea of infinity. In order to do so I will use the stylistic devices of Caspar David Friedrich and the still changing area of Erfurt-Schwerborn. The protagonist of my work will be a garbage man who plays an important role regarding waste circulation, serving to be the connecting link between the old and the new.

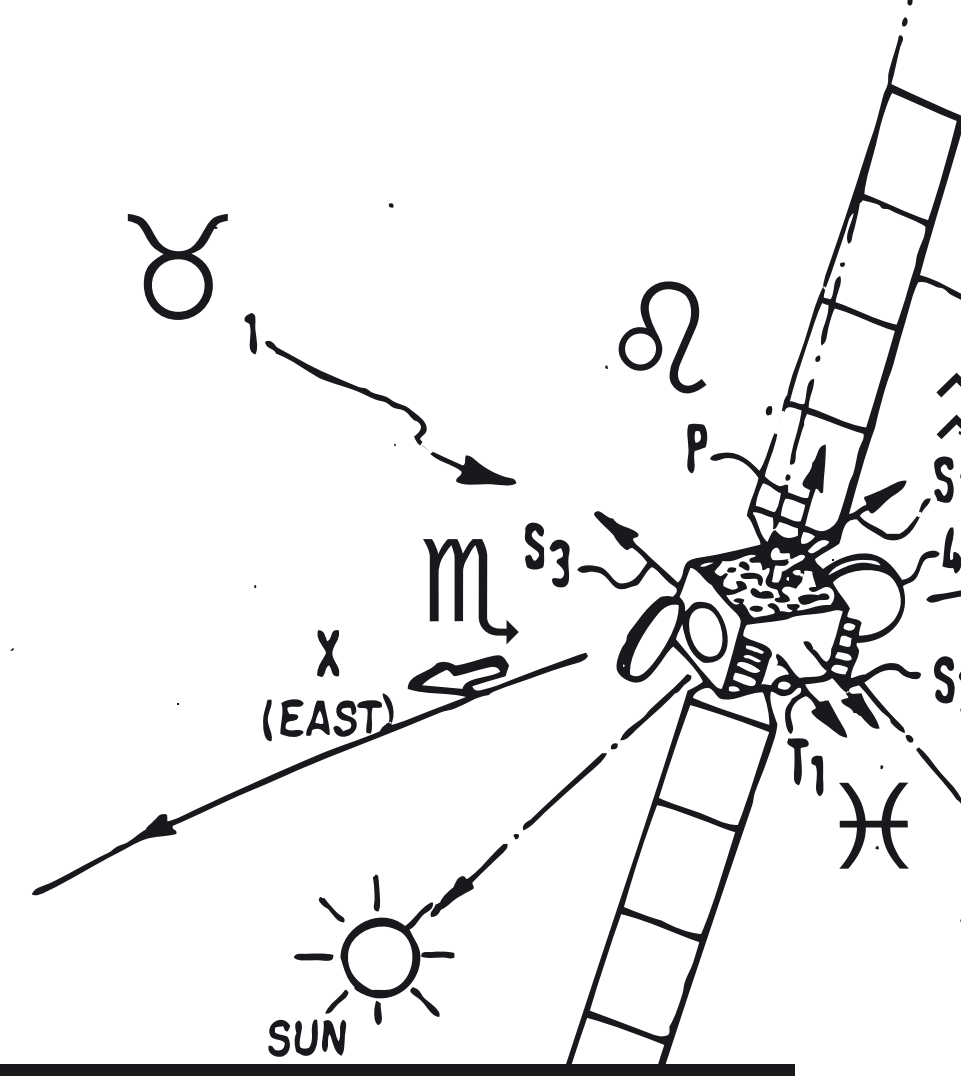
Next to the picture I will put interview pieces. Questions, which are dealing with the problems of waste and its circulation.



BOOKPROJECT

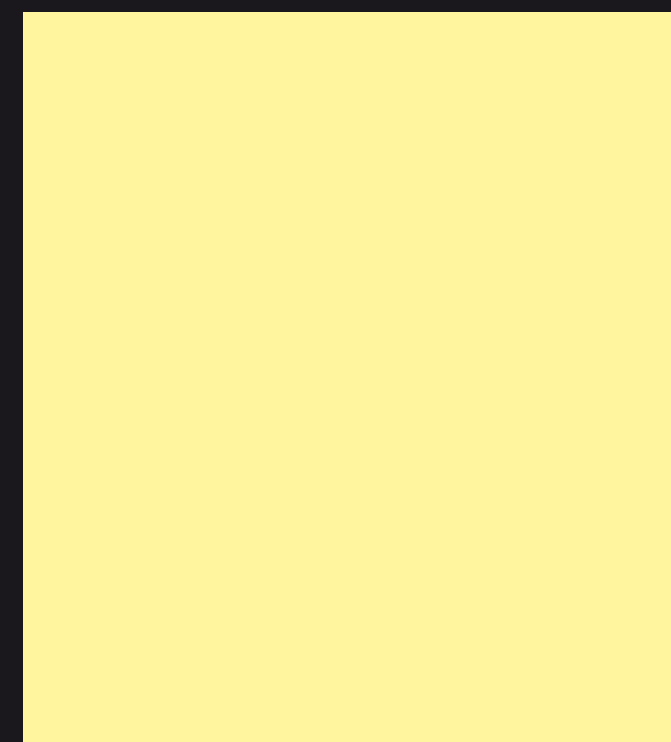
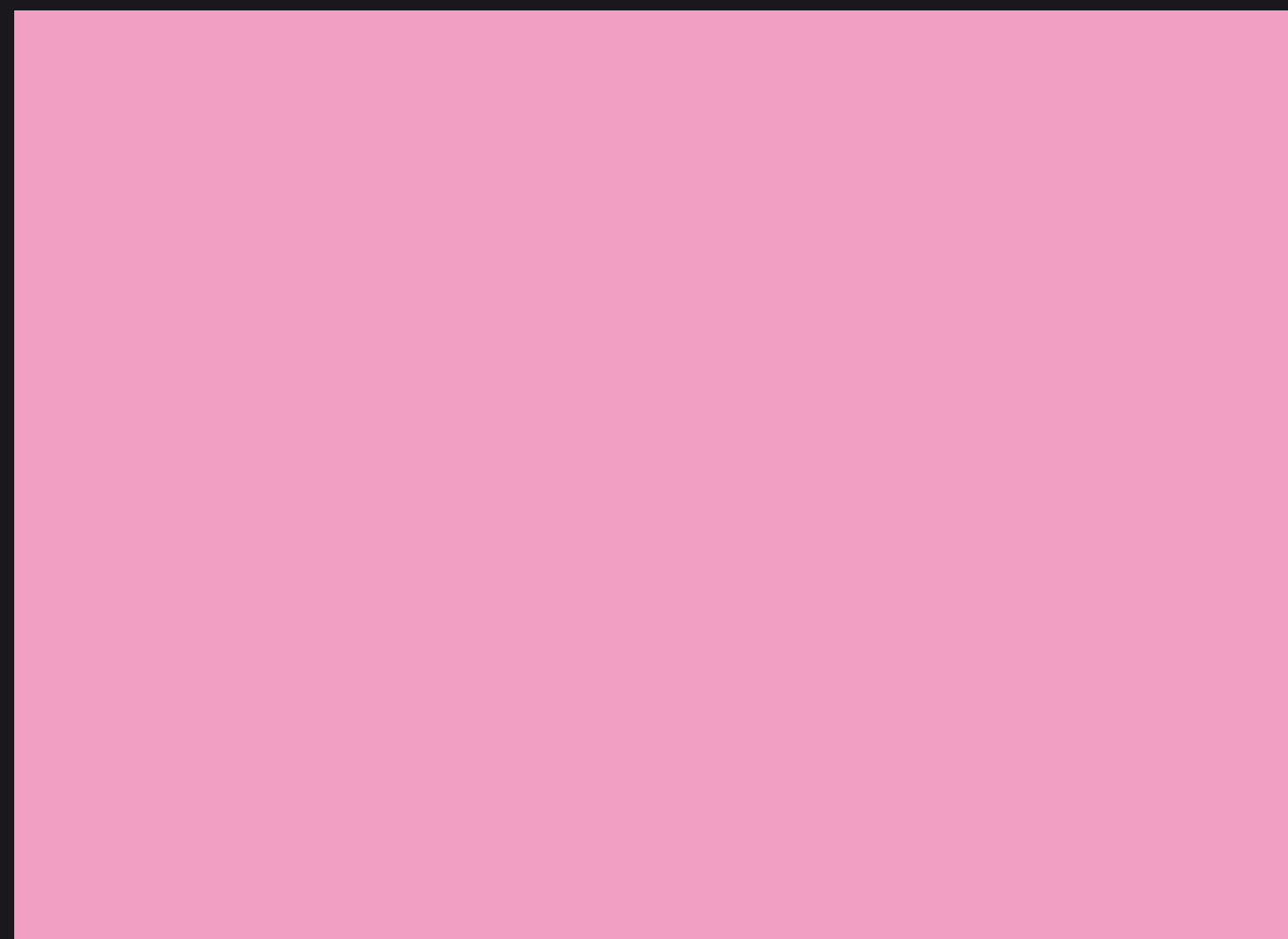
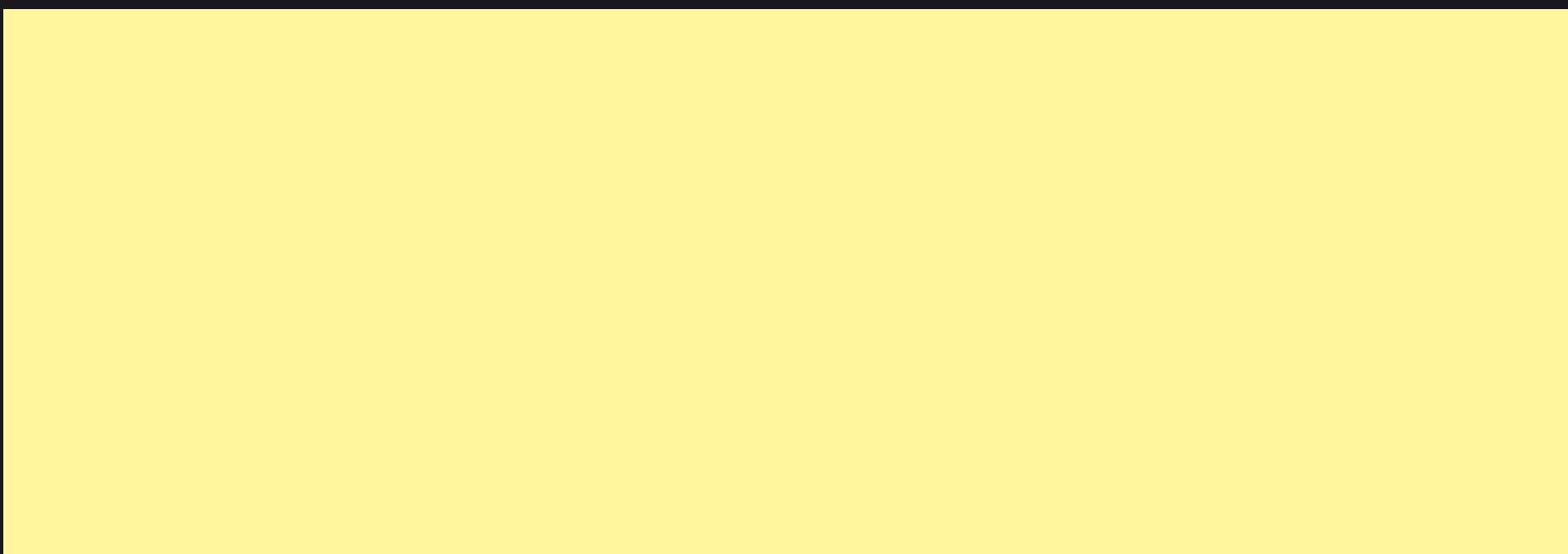
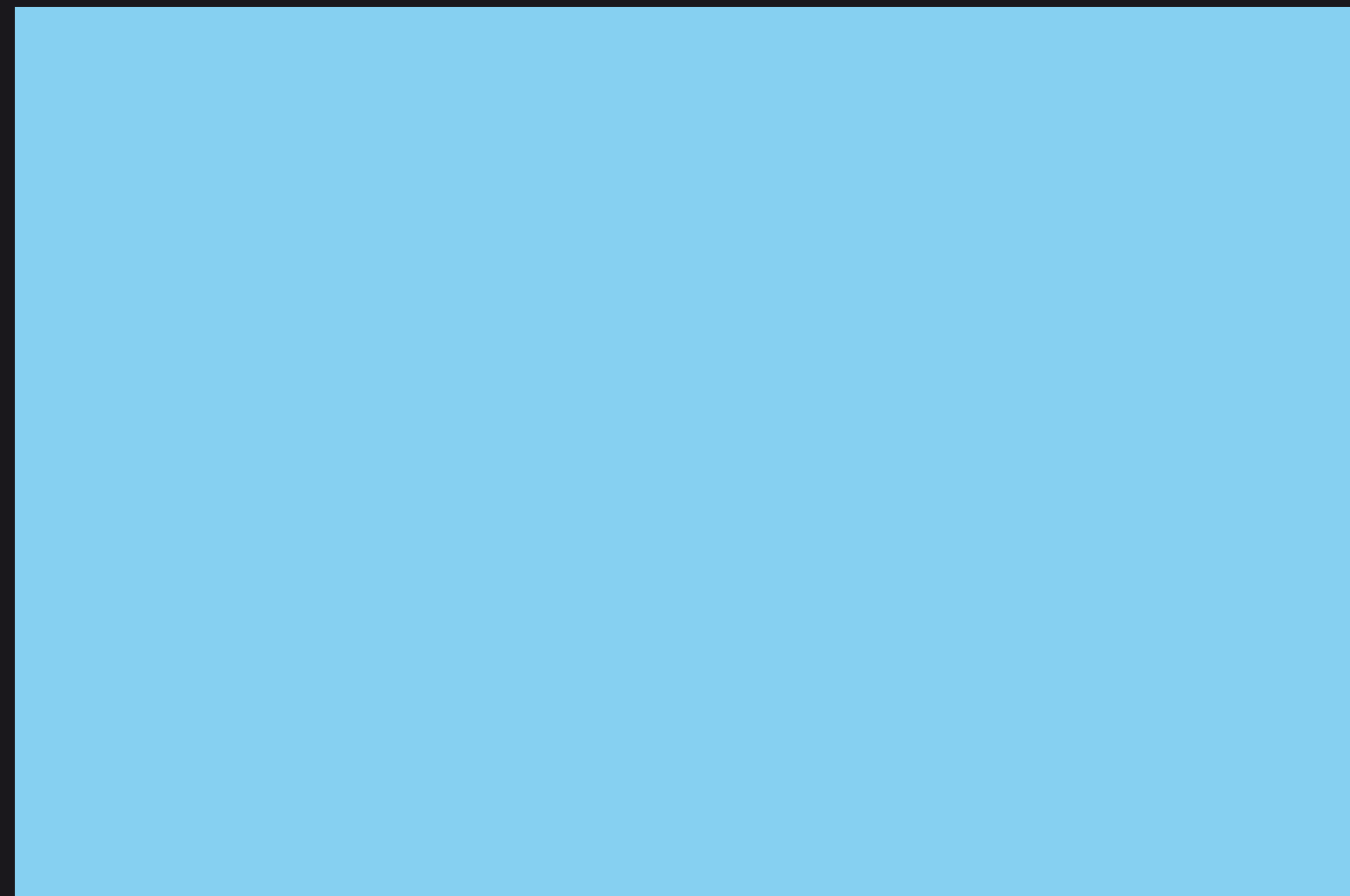
“space is my place” – aren’t we all aliens?

Bianka Langnickel



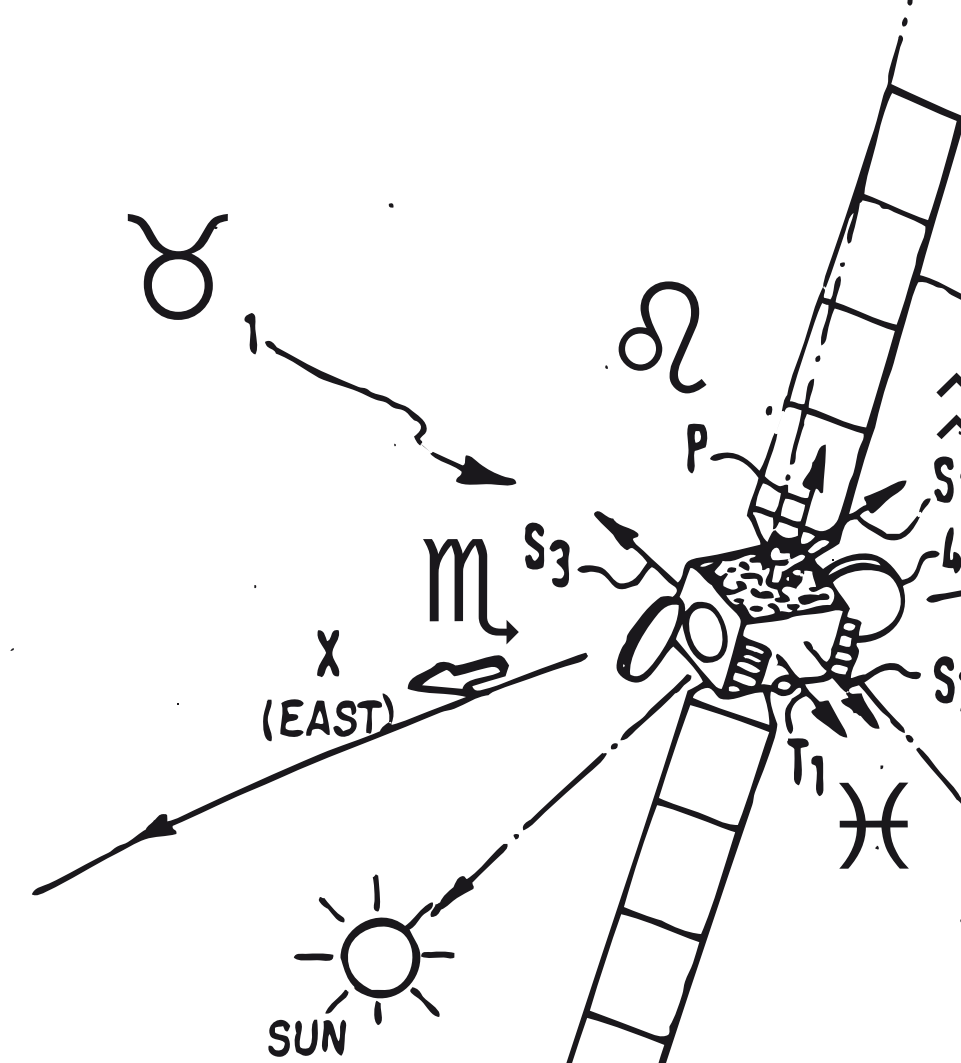
For me space is in general is a very undefined place. as i think it encourage everybody to use their whole imagination and creativity i will use this unknown area to create my own place, figures and spacy environments. i am going to make an illustrated book for children which consists of these imaginary protagonists and will lead them to an abstract way of creating their own playground. the book will give them the opportunity to reconstruct the creatures by themselves and learn how to create their own „aliens“. when the child is interacting with the object playing a part in the story its more easy for them to get a connection between the actual sense of making up something in addition to the creative process. they can use the „aliens“ they build before to make up further stories and play them within their family.

So in the end their will be a book which provides a inter-social way of reading, listening, building and a wide range of playing effects on little children as much as on adults. it is „talking“ to different senses and invites everybody to join who loves to see the world and especially the space more open minded and in a creatively way of thinking about „outhere“.



ALIENO - ARTIFICIAL SPACE PICTURES MADE BY PURE PHOTOGRAPHY AND MONTAGE

Martin Ketelhut, Sylvia Rohr



Imagine the universe's infinite emptiness, a place where absolute silence rules. We want to fill this space symbolical and to give the innumerable stars a special sound. In interaction between the user with the stars and the stars among themselves, there will be different sounds create. They will picture a musically portrait of the universe.

The plan was to produce artificial space pictures that are made by pure photography and montage. Different materials, objects, gases and liquid mixtures - directly shot or shot through a microscope with short and long exposure time - built the basis and got later arranged to those space pics.

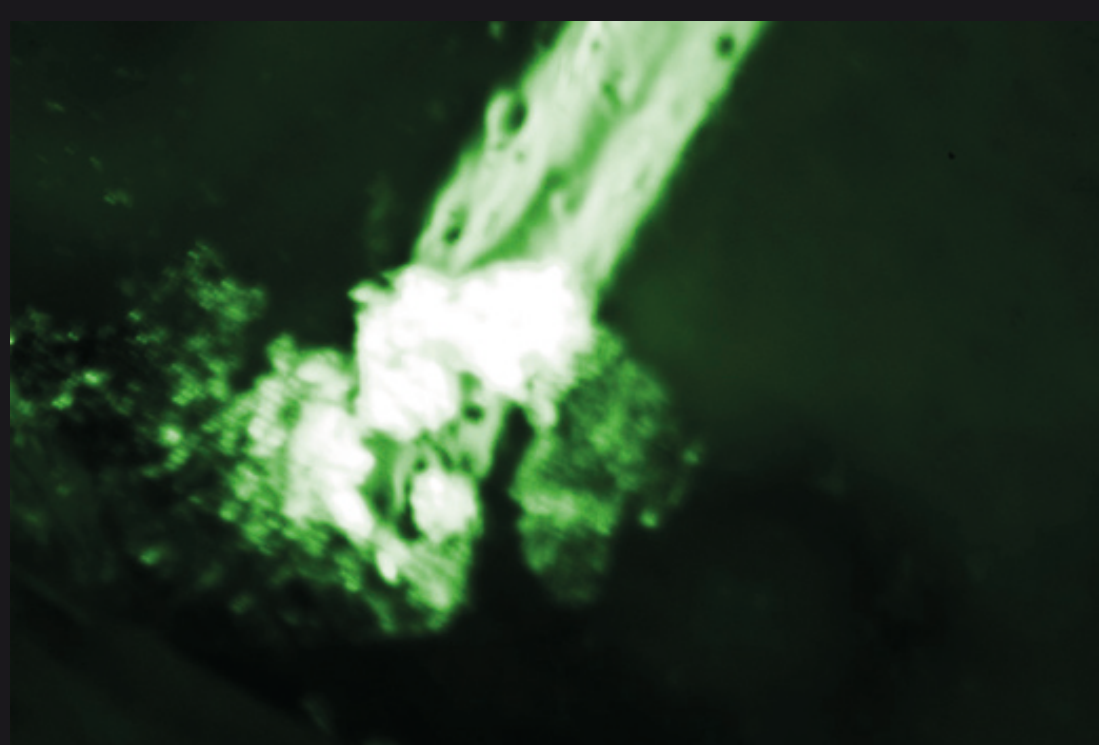
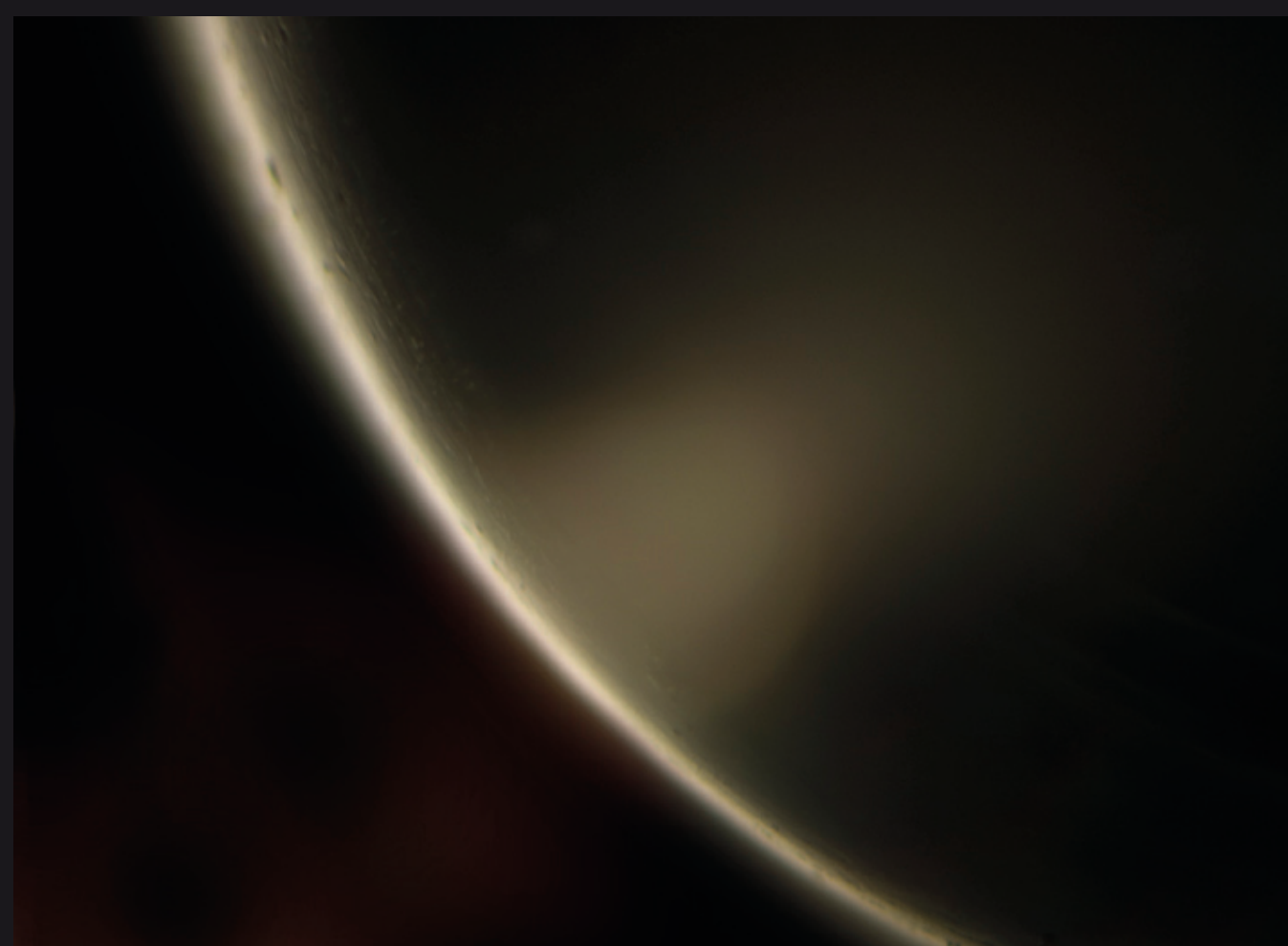
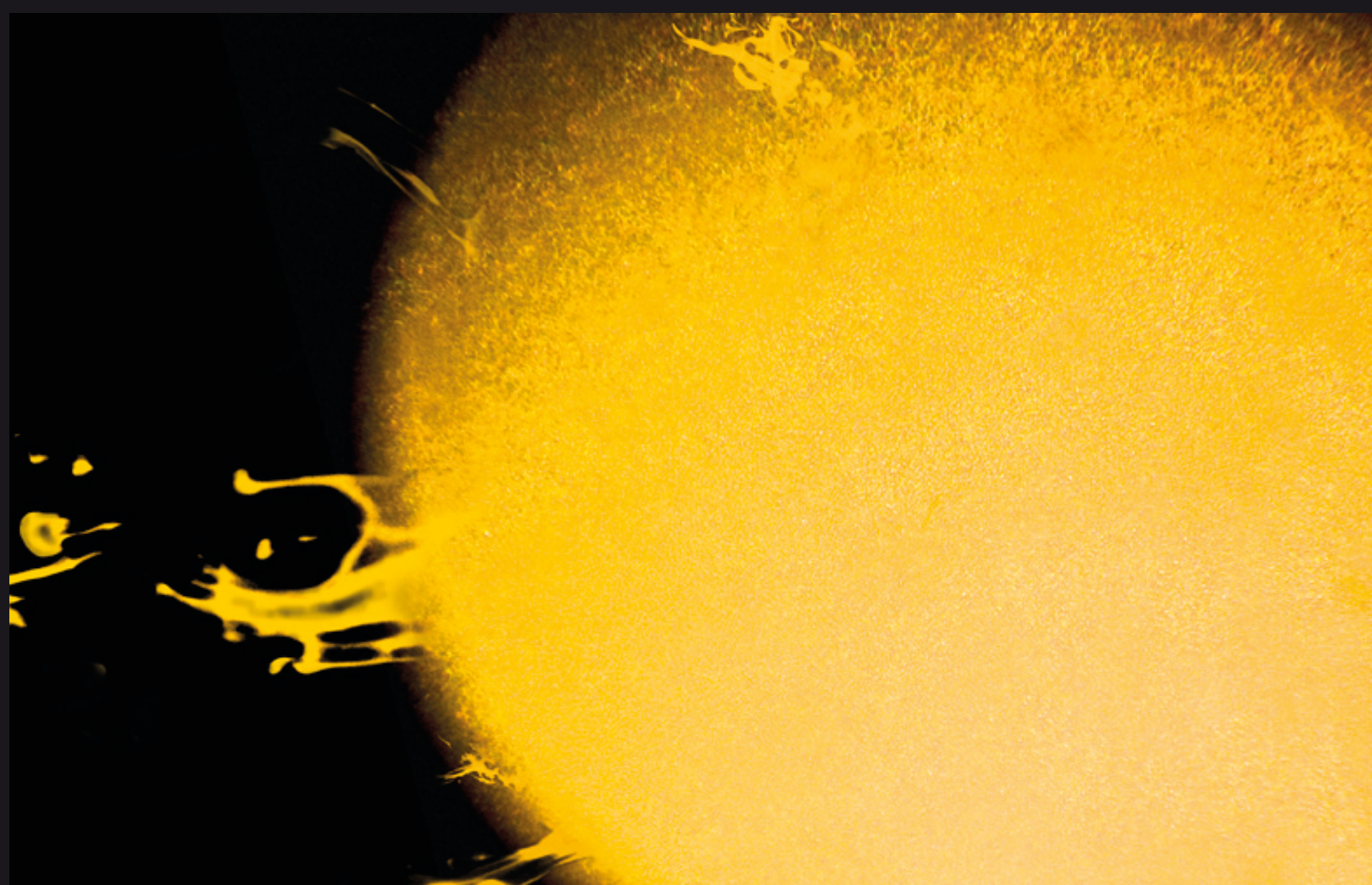
During the work hundreds of hubble pics and images in books (e.g. Mackowiak, Bernhard. Planeten, Sterne, Universum. Naumann & Göebel Verlagsgesellschaft mbH, Köln) inspired us. It is impressive how totally different the look of those images can be (real-looking, like drawn, false colored etc.) short example: google hubble saturn

Our results will be presented in two ways:

1) A little, both-way self-made book with 9 13x18cm prints of the space pics and short, fictional texts that unite them into a setting of a fictional space - the ALIENO. When you open the book from the other side you will see/read again little text and 4 13x18cm prints of pictures that show how the space pics were made.

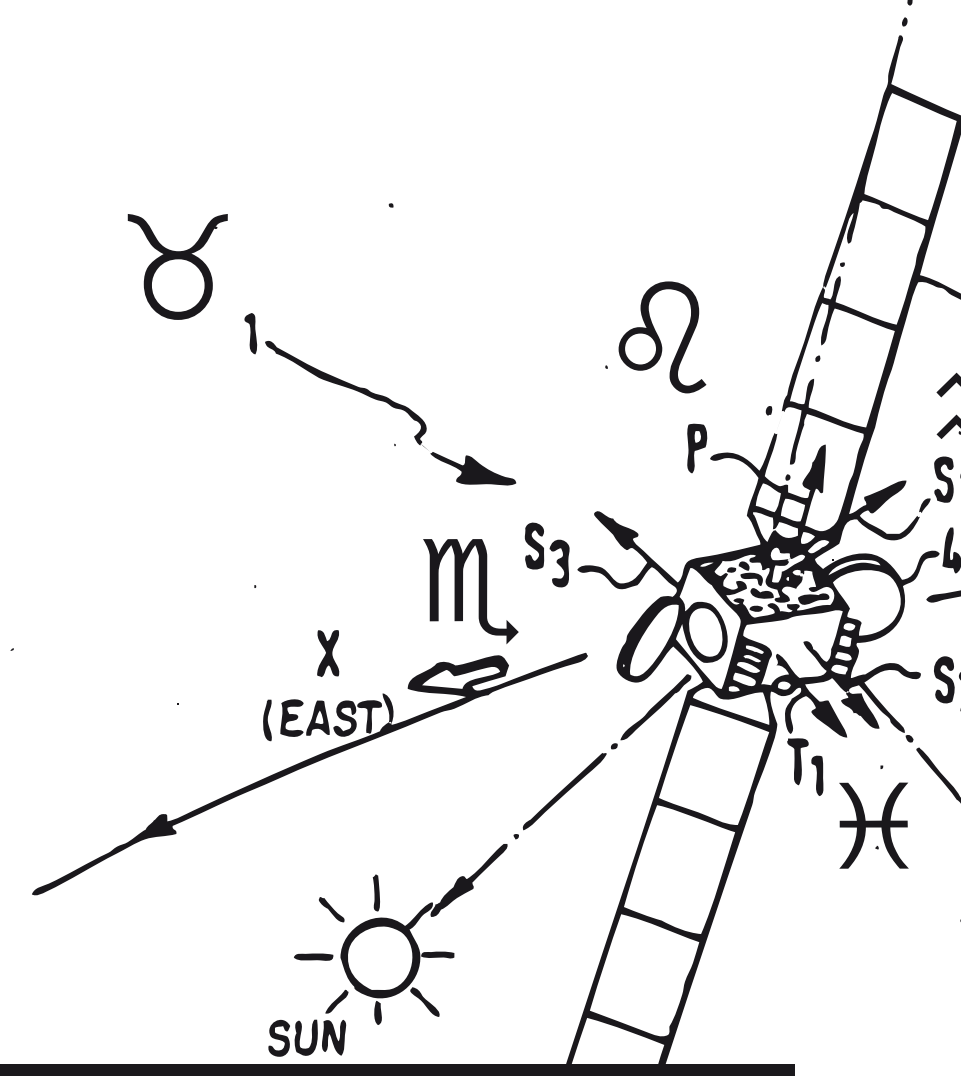
The book is just to briefly explain the simple but effective idea of the ALIENO Space.

2) The 9 space pics have a real size of 50 x 75 cm. In the MEDIENGANG exhibition we want to hang them and additionally give the viewer the possibility to get the idea by taking a look into the ALIENO book.



CAPTAIN ROCK'IT AND THE SOUND OF STARS

Stefan Bernhardt, Christoph Schreiber



Imagine the universe's infinite emptiness, a place where absolute silence rules. We want to fill this space symbolical and to give the innumerable stars a special sound. In interaction between the user with the stars and the stars among themselves, there will be different sounds create. They will picture a musically portrait of the universe.

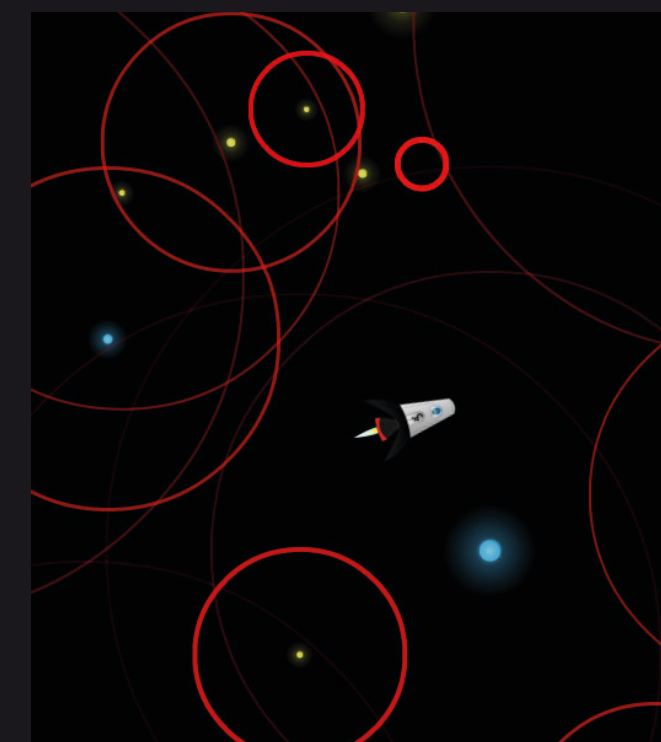
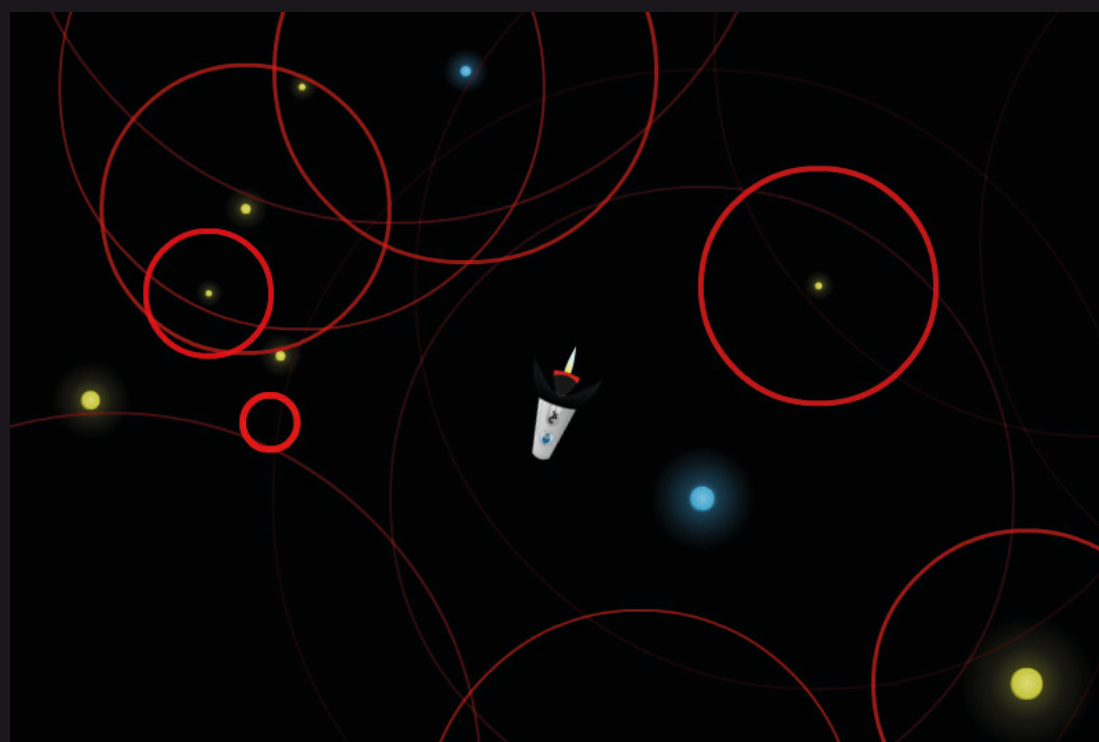
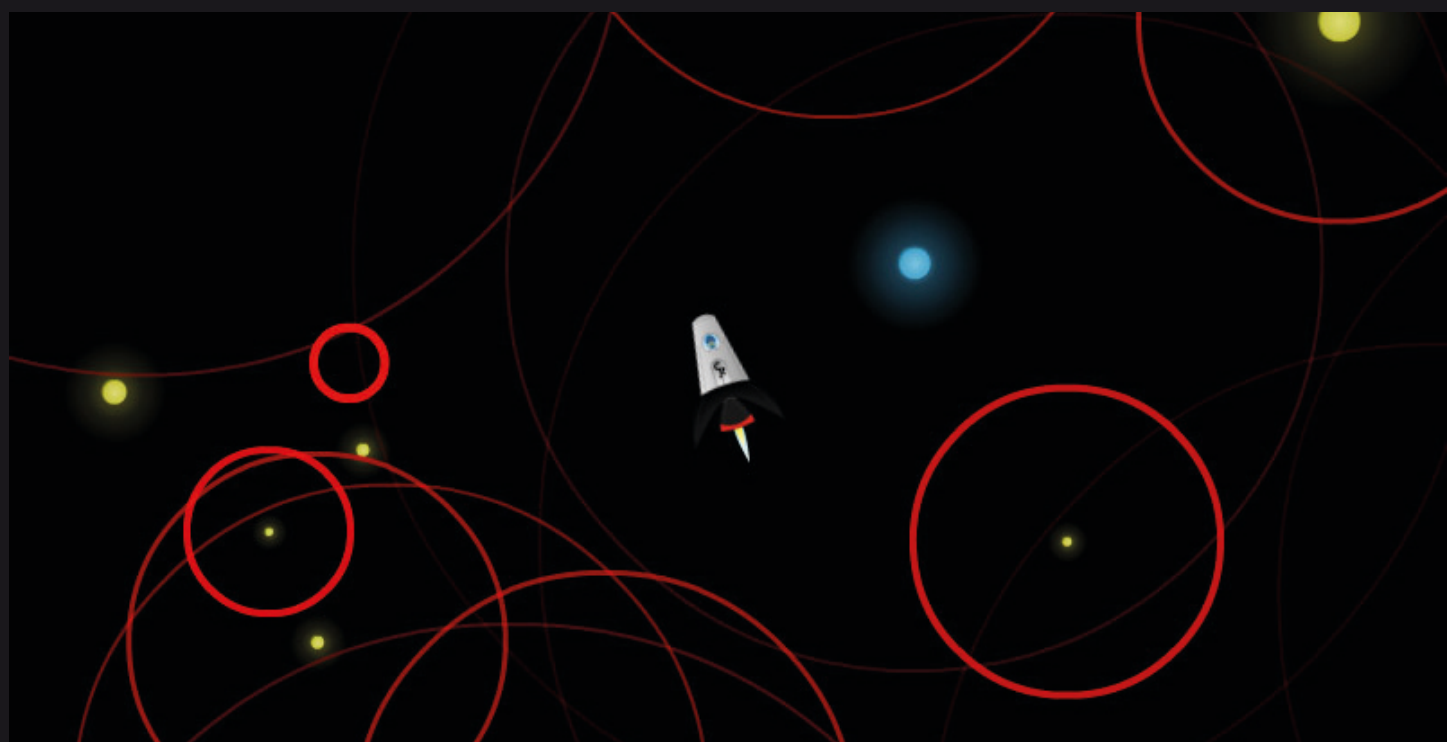
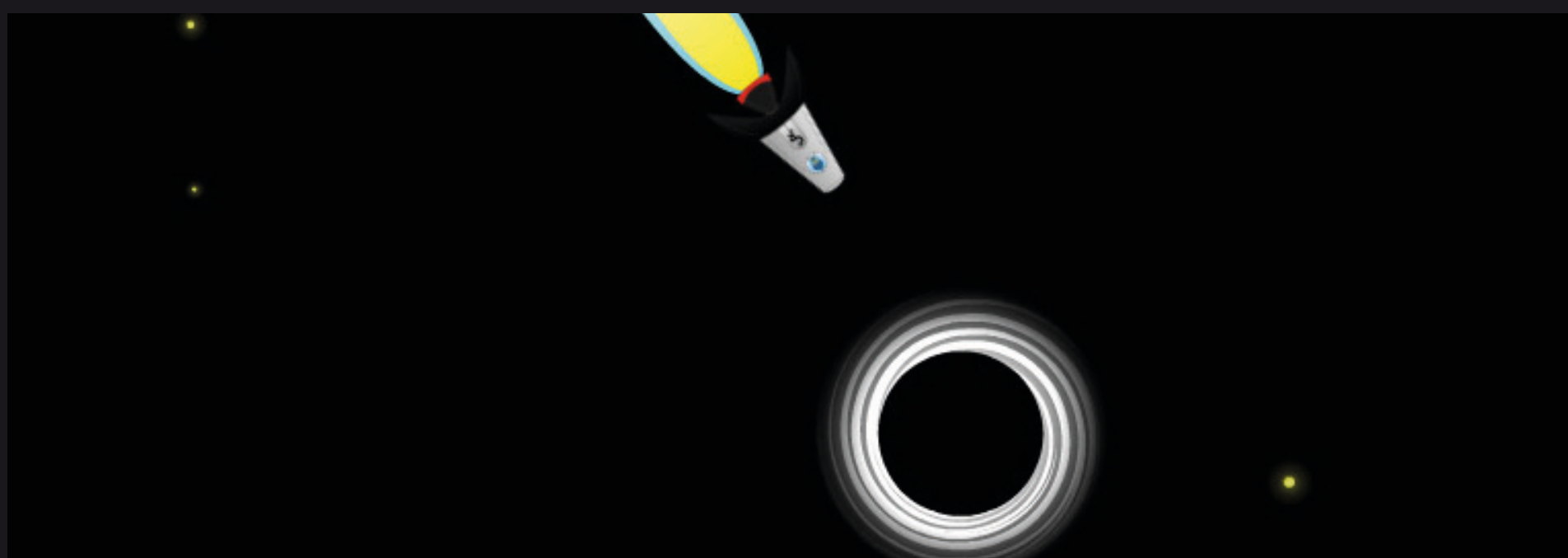
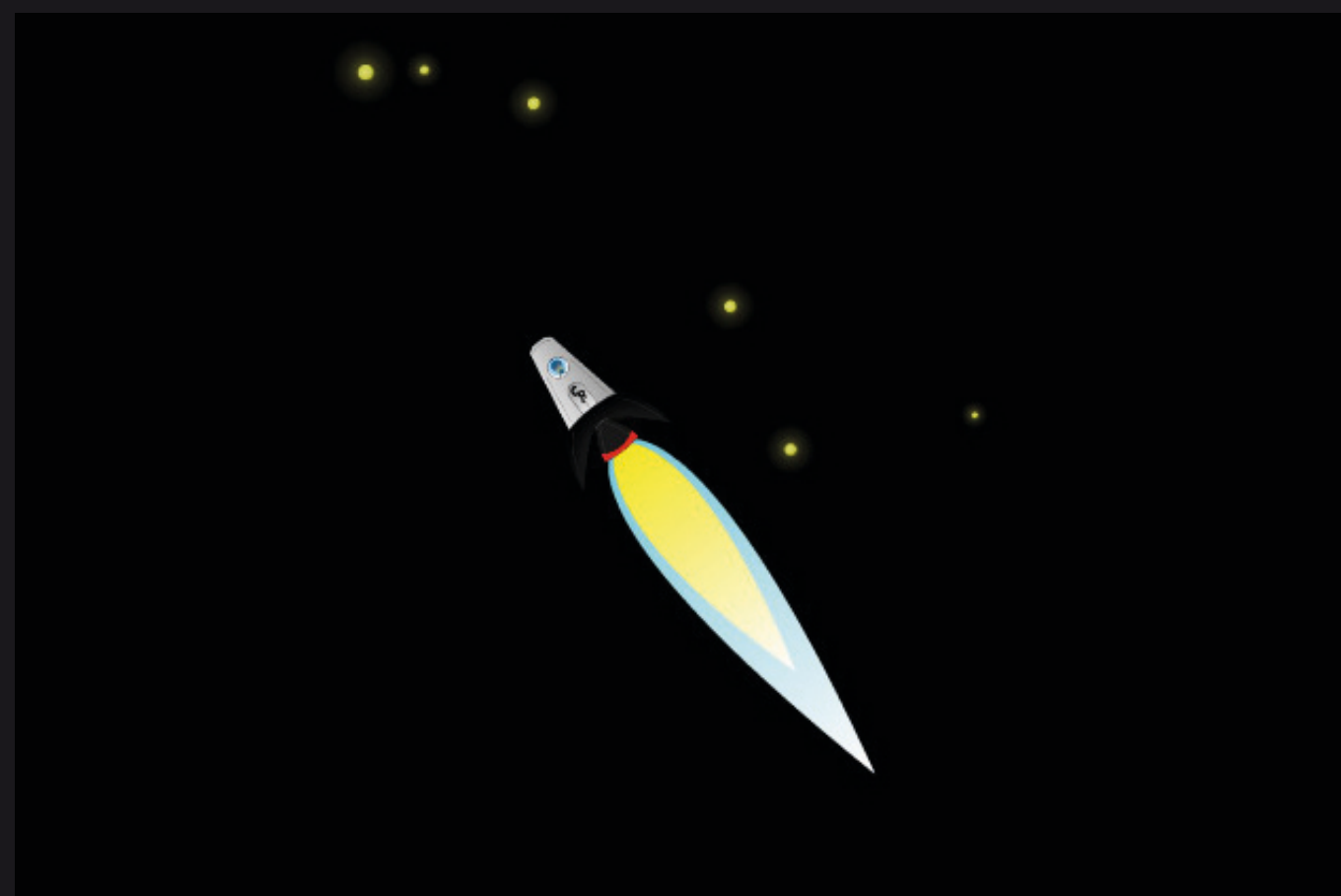
The user flies with a starship through the space. He is able to interact with the Star by activate them via shooting. An activated star makes noise and a shockwave arises. It evolves through the space and activates other stars and items on its way which also make sounds and send new shockwaves. An chain reaction starts and an uniquely world of noises is created.

Some stars are interlinked to signs. From time to time new signs will up-rise and old ones will disappear. If one star in a sign is activated by a shockwave, the other stars in the sign will also activate. Now and again different orbs like comets or planets will appear. If a shockwave hits such an orb, a new sound, which is very different, will be created.

The shockwave which is send out by a star has a finitely lifetime. With

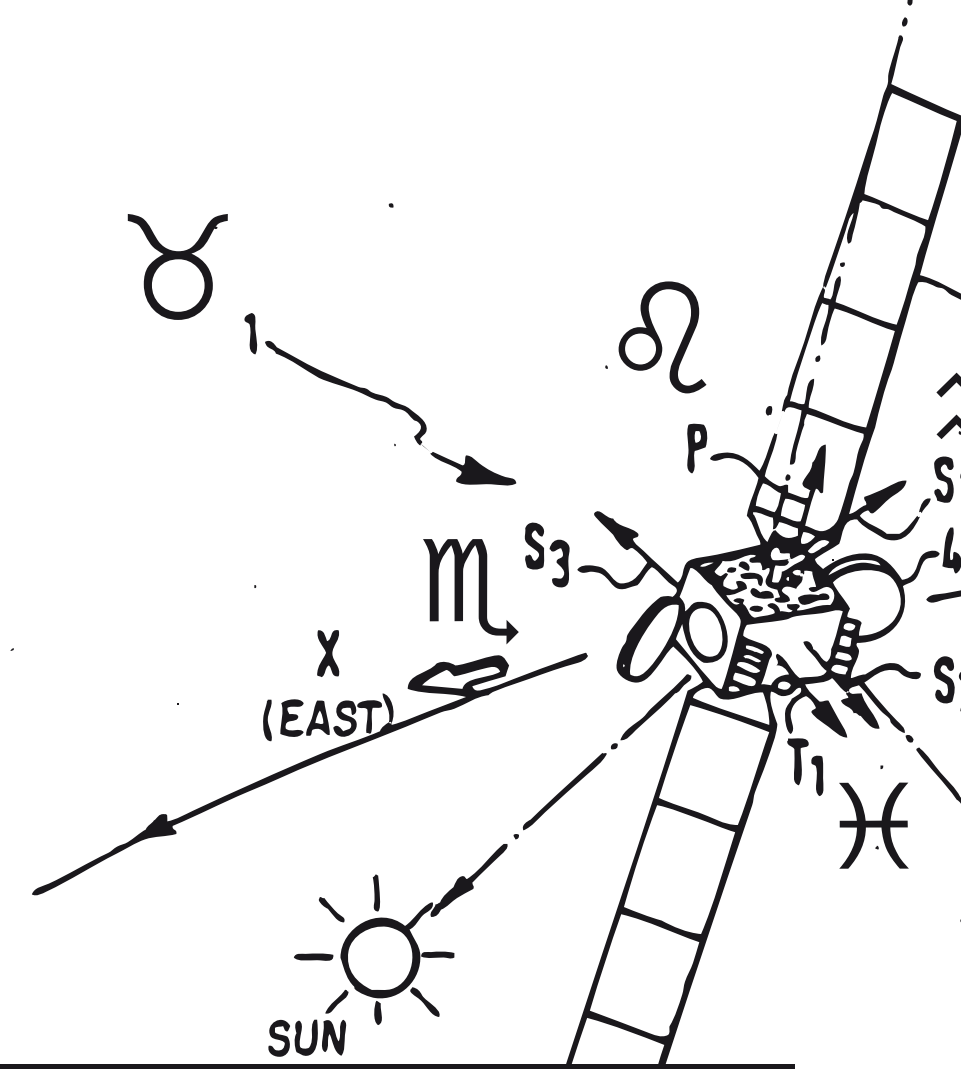
growing size it becomes weaker. How large an shockwave can be is addicted to the size of a star.

The interface for our project is build with Flash. All sounds will be integrated into the Flash-file, so the "instrument" is very portable and easy to handle. The application could be distributed via web because no special hard- or software is needed.



A FARAWAY COLD PALACE

Katarina Sengstaken, Timea Tofalvi, Yuxiang Wen, and Shuo Liu



Imagine the universe's infinite emptiness, a place where absolute silence rules. We want to fill this space symbolical and to give the innumerable stars a special sound. In interaction between the user with the stars and the stars among themselves, there will be different sounds create. They will picture a musically portrait of the universe.

We had a successful performance and installation on March 11th, thank you everyone who came!

There will be pictures of the installation posted shortly.

The moon has come into focus again in the great Space race. It has been forty years since Neil Armstrong landed on the moon, now after the recent discovery of water on the moon a new interest has been sparked about finally heading back. In this new moon race has new contenders, the US and Russia are no longer in the lead. By 2015 it might be a Chinese man to be the next to step foot on the moon.

We conceptualize our project around dissolving the western ideals and myths about the moon and working with Chinese mythology and symbolism as our focus. Our concept of the moon stems from the three Chi-

nese moon myths the story of Chang'e, Wu Gang, and the Jade Rabbit. These three myths revolve around a mystical laurel tree that grows on the moon.

Our project is not just an installation, but also involves a performance piece. The installation itself takes place in the Basement room of Marienstraße 5, where its floors will be covered with fine ash sculpted to look like the lunar surface. The archway in the room is covered and shaped into a crescent where luminescent blue light, represents a lunar earth-rise.

