

04/27/2021



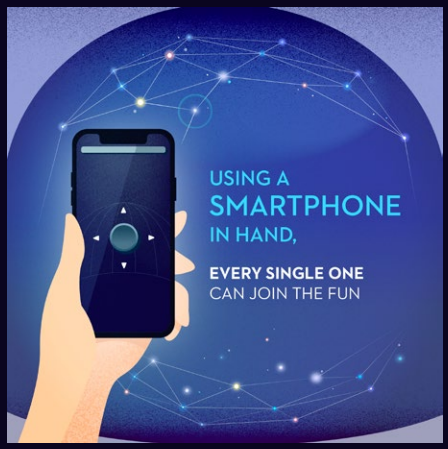
ABOUT KINETARIUM

With the help of planetariums we are able to discover distant worlds and galaxies. Their domes make it possible that we fully immerse ourselves in the projection, just as if we were right in the middle of things. Up until now visitors were mostly passive observers of scripted shows.

With Kinetarium, we're introducing interactivity and gamification. Everyone in the audience can participate in the show. Together, you can go on missions, solve puzzles and discover new worlds. Or simply try to crack the high score. The planetarium becomes a platform for gaming and learning together. Kinetarium offers immersive, interactive experiences for groups and enables completely new event formats.









IN ORBIT
An interactive Journey

Together, we depart on a journey around earth's orbit. We discover how mankind began to explore space and learn how many everyday applications satellites have today. But what happens to the satellites when they stop working properly? The answer is as simple as it is problematic: they remain in their orbit.

These useless satellites – i.e. defective or technically obsolete ones – are an alarming sight. Over the years, several thousand of these have accumulated, along with fragments or debris from collisions, burned-out rocket stages, empty fuel tanks and other junk left behind during space missions. They form a belt of debris around earth, making space travel increasingly hazardous.

By integrating live data into our projection, you can see how many objects are actually buzzing over our heads at any given time. You can not only witness this as a viewer, but experience it for yourself: the cluttered orbit makes it increasingly difficult to steer your own spaceship and avoid collisions in the process.

Languages:	*German, English*
Duration:	*42 minutes*
Recommended age:	*10 onwards*
Recommended number of players:	*10 – 100*
Locations (Germany):	*Stuttgart, Merseburg, Kiel, Bochum*









ELEMENT RUN

The game of elements takes you to the finishing line. Don't loose your marbles in the periodic table!

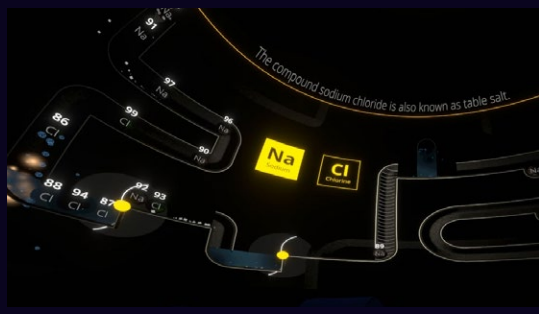
Power on, open trapdoor! Now you almost got through this level, then wham! – and back you go to the start! On this track you have not only to be fast, but also have to use your brains. Who do you have to push so things keep going? Who can you overtake so that you are the first to roll over the finishing line? And who would it be better to warn? – because otherwise you'll could set off a chemical reaction.

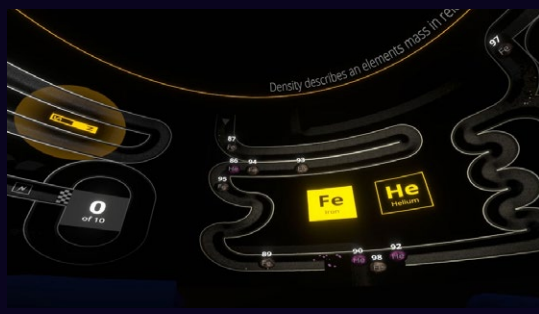
Your greatest allies in this obstacle course are also your nastiest opponents – the chemical elements. Which ones make you heavier, which ones magnetic and which ones flammable? Use the properties of substances like, mass, density and volume, while skillfully switching between the elements so together, you overcome all obstacles.

Many marbles, five levels and a lot of old acquaintances from the periodic table await you and your smartphones. No previous knowledge of chemistry is necessary, but definitely an advantage!

Elements, ready, set, go!







Languages:	*German, English*
Duration:	*variable*
Recommended age:	*10 onwards*
Recommended number of players:	*3 – 30*



TOTAL TURBULENCE

The weather forecast is set to multiplayer: Making wind together – for beginners.

When plants spread, when umbrellas learn to fly, when sail boats pick up speed and even houses start to shake – then the wind is at play. Here, the wind, that's you!

In this live event, you'll be challenged to keep kites in balance, bring down buildings, and to get a feeling for wind forces along the way. Now generate wind until the coal-fired plants shut down and you power entire cities. Play all levels of the Beaufort scale from 1 to 12 – then enjoy the feeling of calm after the storm.

Team up and experience an adventure together – right across all types of weather. A hurricane-force multiplayer event awaits you and your smartphones.

Languages:	*German, English*
Duration:	*approx. 15 minutes*
Recommended age:	*10 onwards*
Recommended number of players:	*5 – 50*









SMART SWARM

Only teamwork helps when facing big fish. Together, as a school of fish, you swim faster!

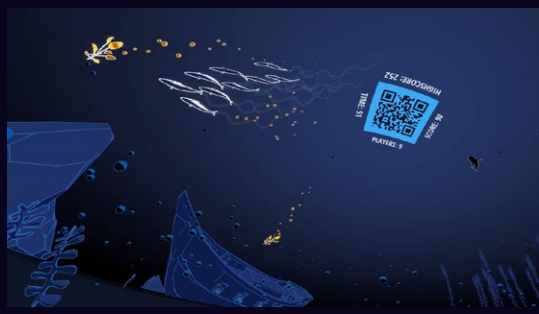
Forget Nemo! In this group adventure you will experience the harsh reality of underwater survival. But don't panic! On your own you are just a small fish, but together you are a strong school of fish. If only it wasn't so hard to control the school sometimes! The only things that help are coordinating, calling out instructions, cooperating and grooving with each other. This is because swimming in a school you all depend on each other.

Will you show collective intelligence or "swarm stupidity"? Do you go and get food, or do you become food? Sharks don't sleep!

Give the predators the cold fin. The faster you learn, the faster you'll get into the flow. Collect swarm points together in our ocean multiplayer.

Languages:	*German, English*
Duration:	*variable*
Recommended age:	*10 onwards*
Recommended number of players:	*3 – 30*









Supported by:
Federal Ministry of Transport and Digital Infrastructure
on the basic of a decision by the German Bundestag

ALL AGAINST DARWIN

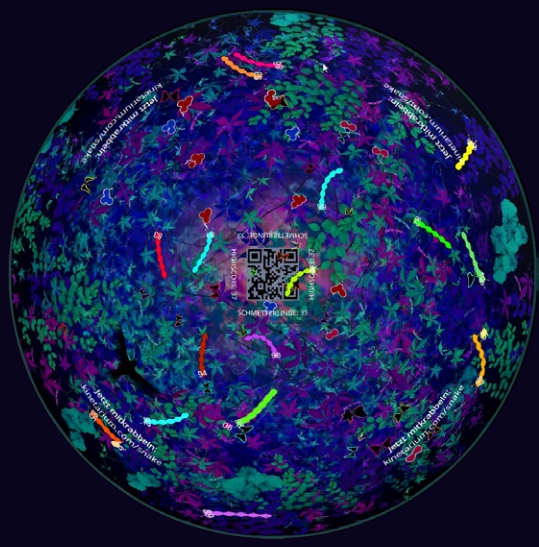
Will you stay a caterpillar or turn into a fighter? Feed – or become food!



Hungry? Very good! Eat your way through our multiplayer jungle as a little worm until you grow into a giant caterpillar. But beware of your natural predators – and of course of your ravenous fellow players. Only those who manage to evade predators and who find enough food will turn into a beautiful butterfly.

Your common goal: Keep caterpillars and nature in balance. This is the only way to master the fight for survival together!

Show Darwin what a real fighter is! Our co-op transformation awaits you and your smartphones.



Languages:	*German, English*
Duration:	*variable*
Recommended age:	*10 onwards*
Recommended number of players:	*20 – 30*



QUIZGALAXY

Outer space – infinite questions. Who knows the answers and who lives behind the moon?





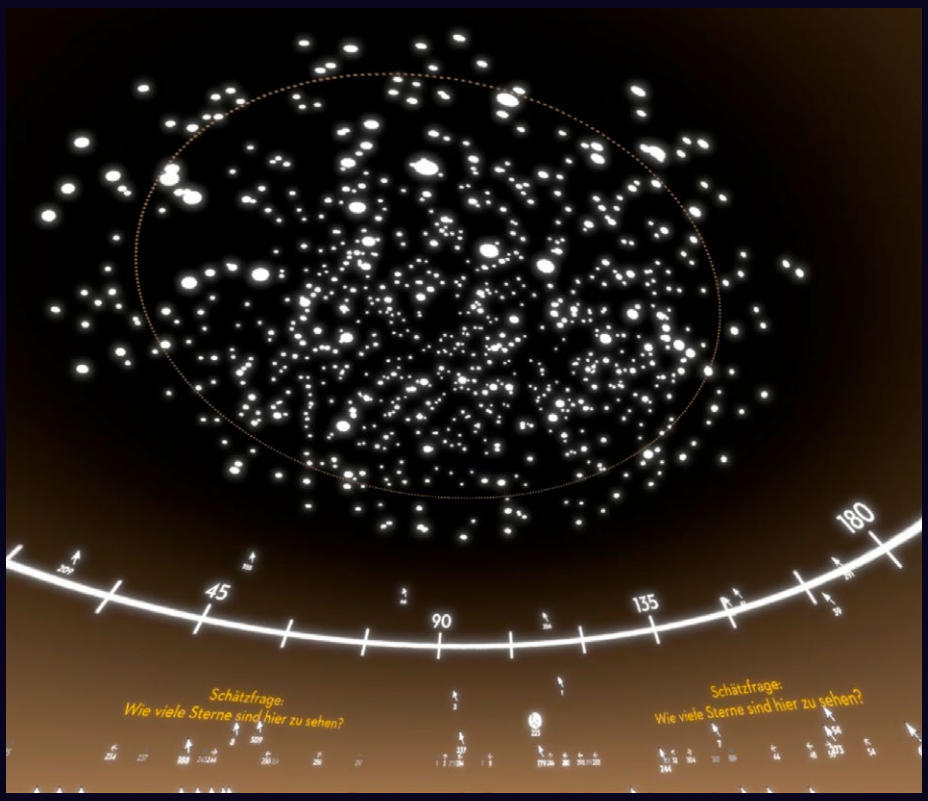
You knew all the answers since the big bang, didn't you? Do you know the universe like the back of your astronaut gloved hand and feel like you're a real rocket scientist who is light years ahead of everyone? Then you've come to the right place!

In this multiplayer multiple-choice, you can find out whether your genius shines as brightly as a supernova – or more like the Death star... Of course you are not alone in this universe guessing game. Numerous fellow quiz participants are chasing the the high score. Will you manage to overcome the gravity of your knowledge? The countdown is running.

Stretch your fingers, warm up your smartphones, and look forward to an exciting quiz that is out of this world.

Languages:	*German, English*
Duration:	*variable*
Recommended age:	*15 onwards*
Recommended number of players:	*2 – 200*

The questions in this quiz can soon be customized.
If another topic is desired, just ask us! We would be happy to implement individual subjects together with you, there are no limits to your imagination.

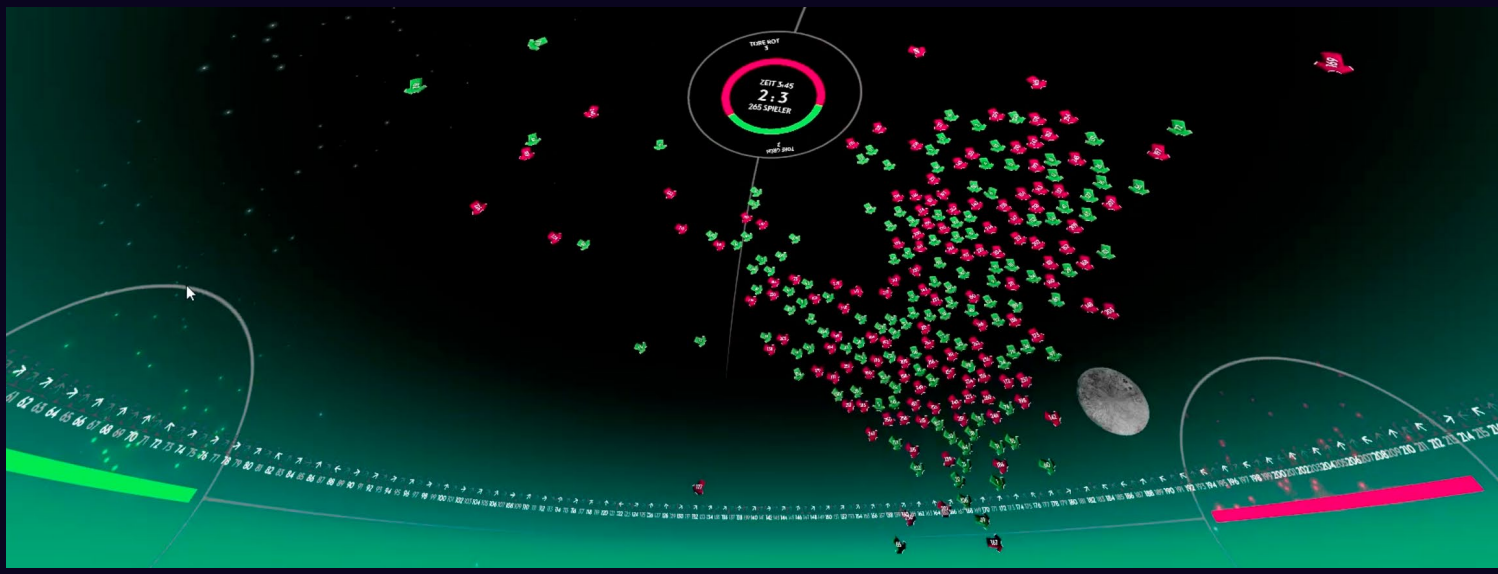


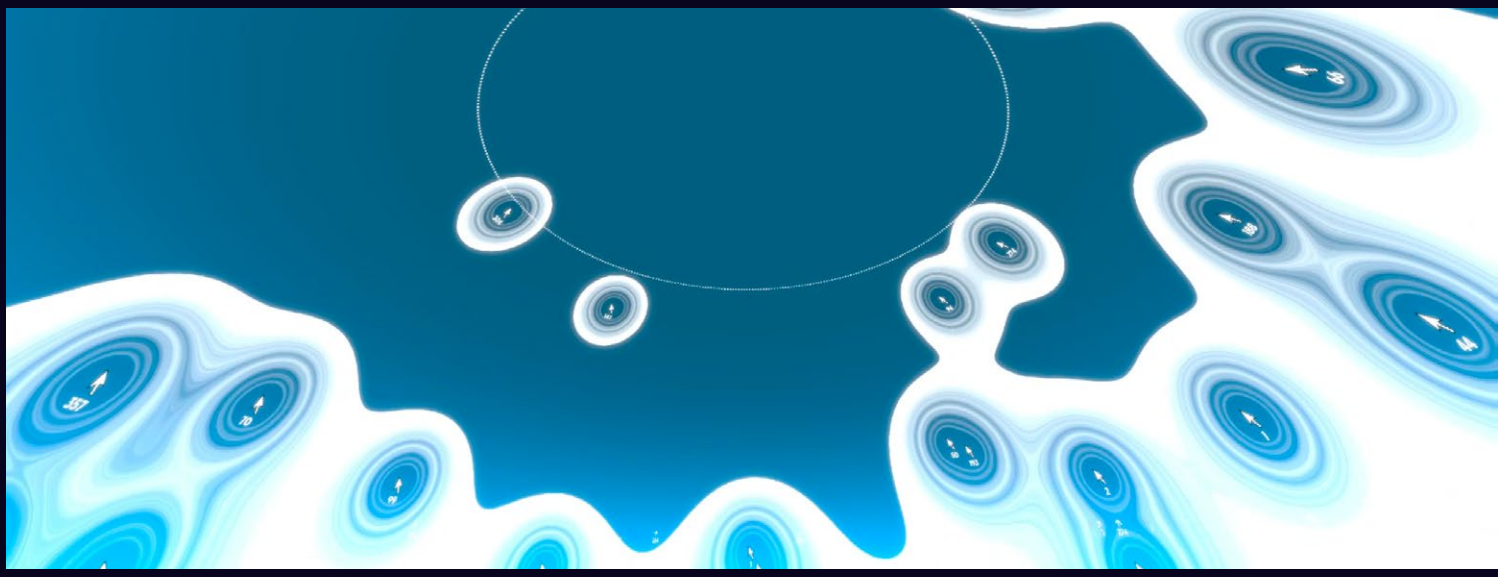
WHAT ELSE?

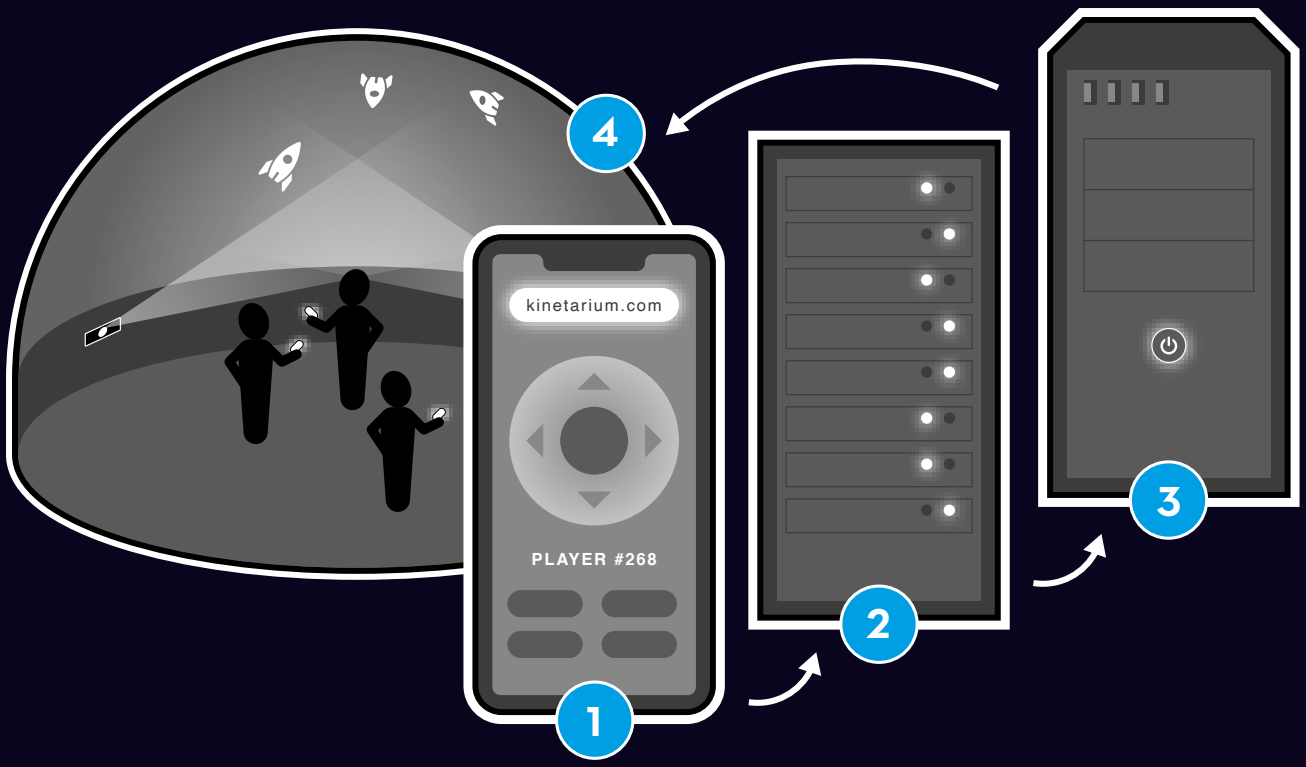
POLLS AND OPINIONS:
The visitors can answer questions of estimation on a large scale. The result or the average is calculated and visualized live.

GAMING CLASSICS:
like soccer, pong or snake can be adapted for large groups to play in the dome.

INTERACTIVE WORKS OF ART:
The projection reacts directly to the movement of the visitors. This results in a unique interactive visualization.



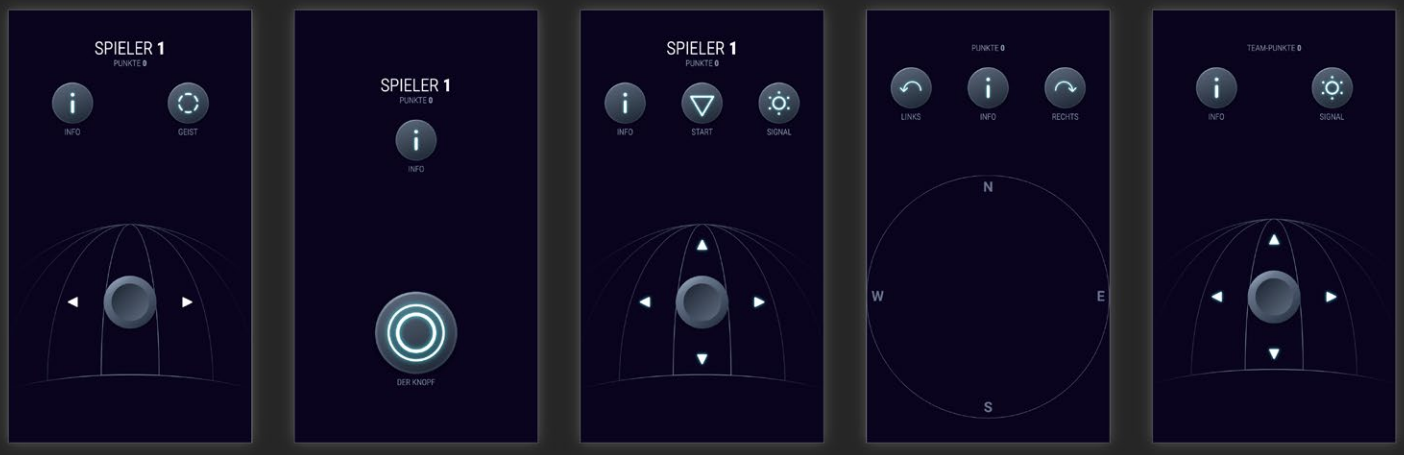




HOW DOES IT WORK?

Instead of being asked to turn your phone off, our audience is encouraged to bring a fully charged phone to the show.

1. Visitors open a website on their smartphone which serves as controller.
2. The webserver collects all user input and forwards it to the game engine.
3. The engine updates all game graphics and prepares the new image for projection.
4. The fulldome projection is generated at 30 frames per second.



Different controllers depending on game content

CONSIDERATION
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