

# GÀHÀ GRAVITY

**EXHIBITION  
CATALOGUE**

# Technical information:

10 exhibits

400-550 m<sup>2</sup>

Languages: Estonian, English, Russian, Latvian

Height: 5,5 m

Set up: 7 days

Dismantling: 6 days

Price upon agreement.

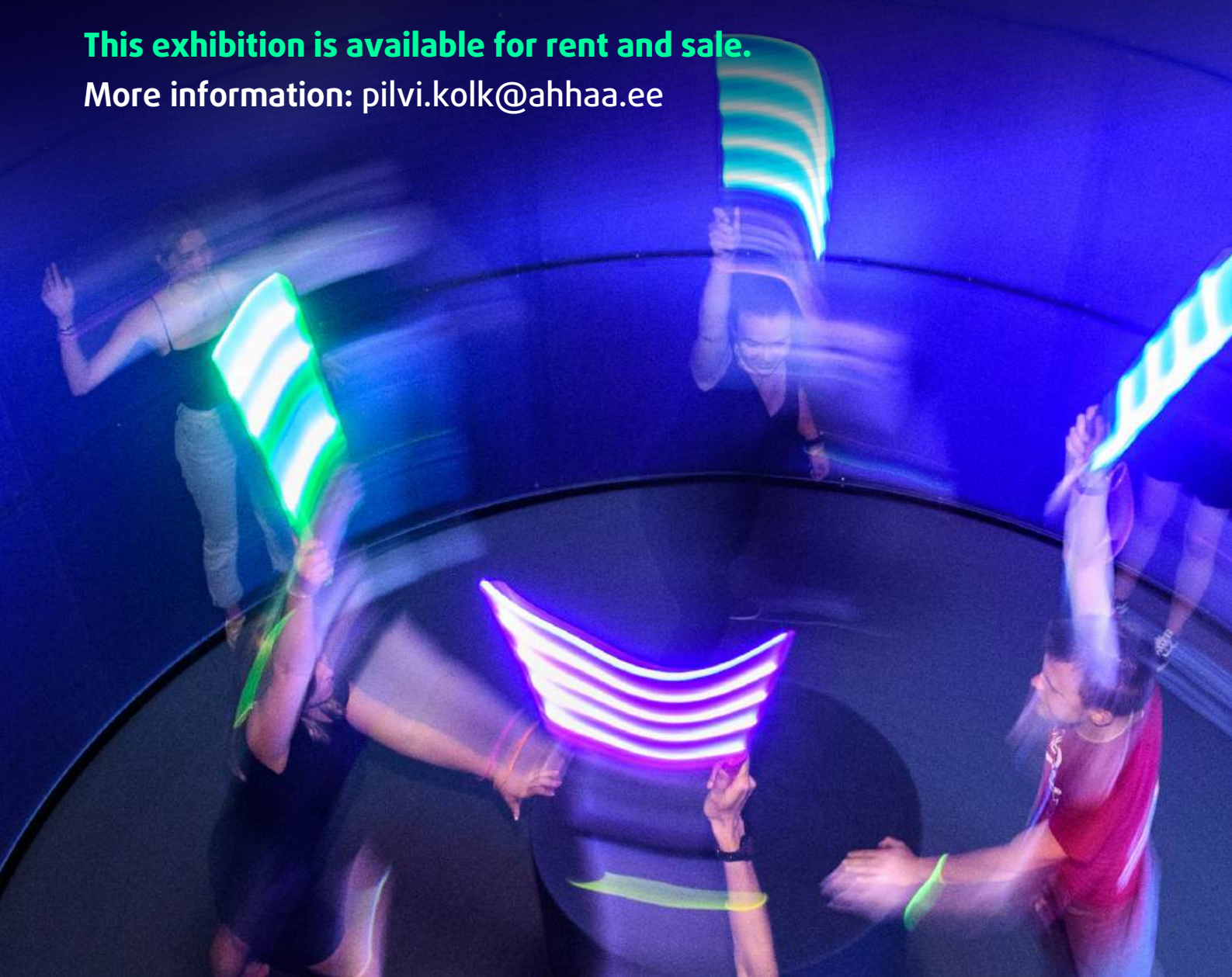
Additional fee for transportation, insurance and installation.

Minimal rental period is 3 months.

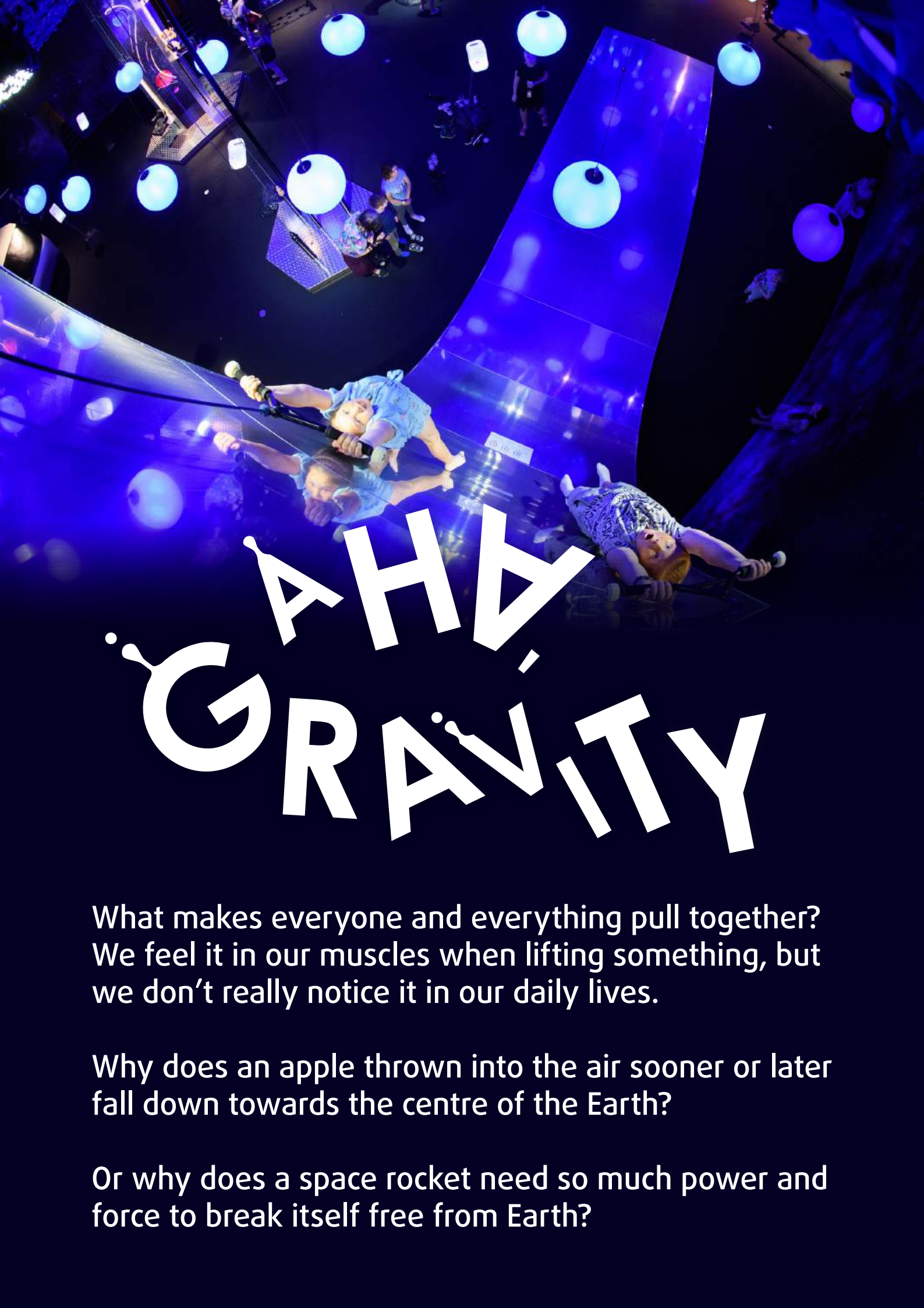
Made in 2021.

**This exhibition is available for rent and sale.**

More information: [pilvi.kolk@ahhaa.ee](mailto:pilvi.kolk@ahhaa.ee)







# GRAVITY

What makes everyone and everything pull together?  
We feel it in our muscles when lifting something, but  
we don't really notice it in our daily lives.

Why does an apple thrown into the air sooner or later  
fall down towards the centre of the Earth?

Or why does a space rocket need so much power and  
force to break itself free from Earth?



# Exhibits

**Come and check out:**

A rotating human centrifuge

A giant freefall slide

A human-yoyo

A planetary rally game







# Driving simulator

Sit behind the wheel and try to drive the car in the gravity of different planets.



# Floating table

Study the table and figure out how it can stand upright.







# Human-yoyo

Pull the handle down and hang on.  
The more you pull, the higher you will rise.



# Pulley

Sit, strap in and lift yourself.  
You will discover that different number of  
pulleys will make lifting either easier or harder.







# Freefall slide

Grab the handle and let the motor pull you up and see if you have the guts to let go when hanging 5 m above the ground.





# Weight on planets

Try lifting different cartons.  
Even though it's the same object,  
its weight is different on different planets.





# Your weight on planets

Step on the scale and see how much you weigh on different planets.





# Bouncy ball

Drop the tower of balls and see how high they bounce back up.



# Balancing bird

Try to tilt or move the bird.  
No matter how you try to move it  
the bird stays in balance on its beak.







# The centrifuge

Stand in the centrifuge with your back against the wall. As the rotation rate increases, the wall seems to become the floor and you can lift your feet up without falling.

This exhibit needs an operator.



**More information:**  
[pilvi.kolk@ahhaa.ee](mailto:pilvi.kolk@ahhaa.ee)



**2021**