



AHHAA senses!

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Aha, Senses!

Enter an infinite mind labyrinth of the senses!

Seeing, hearing, smelling and touching – this exhibition will turn your senses hopelessly upside down.

Have you ever tasted sound or stood inside a tornado? Walked in the midst of a mirror room or felt the immense power of wind storms inside a wind tunnel?

Our senses exhibition will have you experience things you've never had the chance to before.





TECHNICAL INFORMATION

18 exhibits

500-600 m²

Languages: Estonian, English, Latvian and Russian

This exhibition is for rent and sale from November 2023.

Price upon agreement. Additional fees for transportation, Insurance and installation.

Minimal rental period is 3 months

The full exhibition requires 4 trucks to transport.

Exhibition set up takes 10-15 days and dismantling 8 days (all depending on location).

Minimum ceiling height required is 5200mm.

More information: pilvi.kolk@ahhaa.ee

Fresnel Lens



Look through the lens at your friends or other things. This lens works like a magnifying glass, but it does not have an ordinary convex lens.



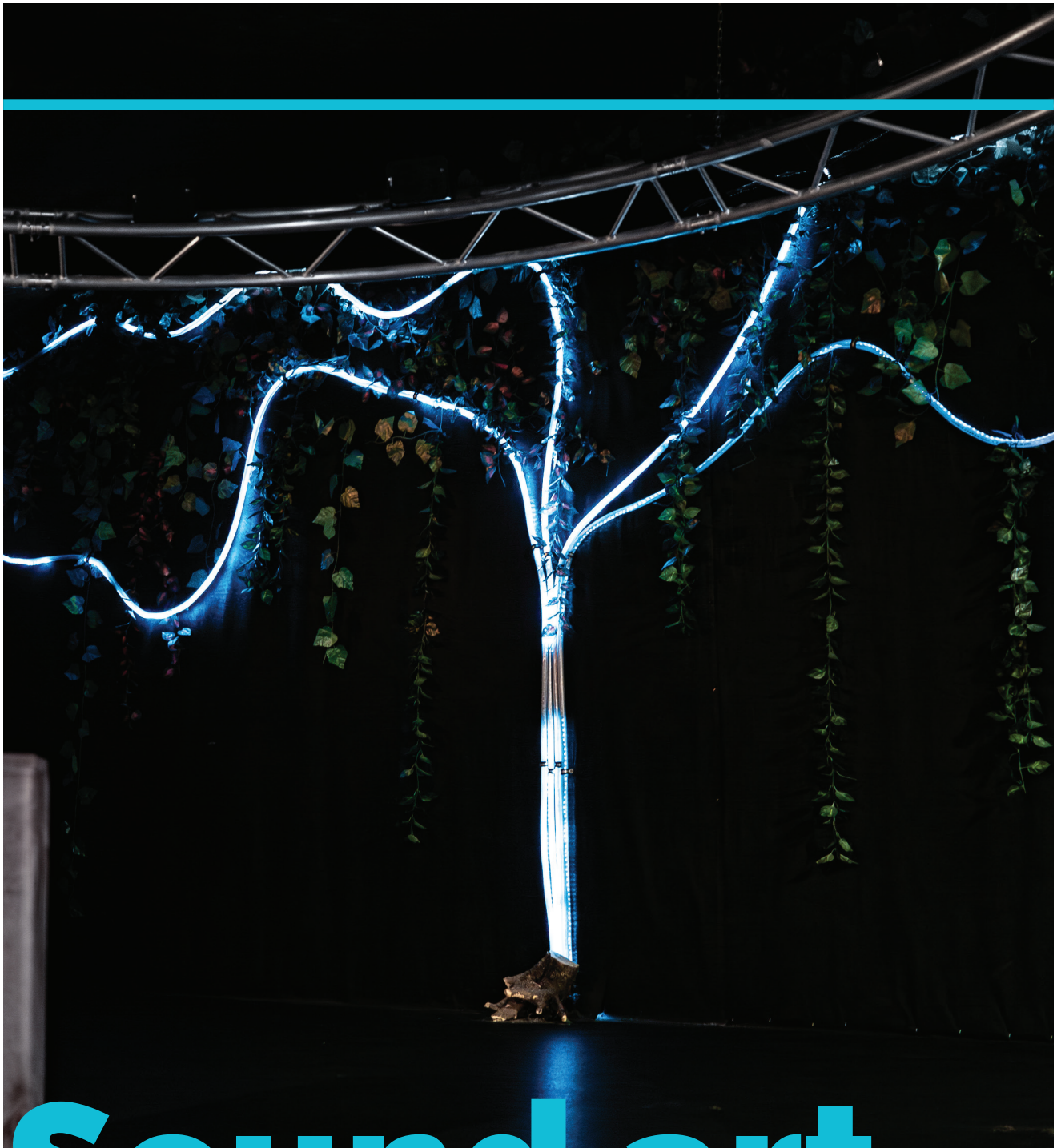
Tooth speaker



Attach the straw to the metal stick and bite that stick through the straw. Suddenly you can hear the sound from the loudspeaker.



Clap or shout something and observe the colour patterns. Try to make some certain patterns using different sounds. Different lights switch on depending on the input sound.



Sound art

Sound Tornado

Step into the circle of loudspeakers and listen. What is your impression? Sound system with multiple loudspeakers creates an impression that sound source is moving around the listener.



Weigh Test



At first, try to lift the upper cylinder. Then the bottom one. The bottom cylinder is unexpectedly light and while lifting it, you may become confused for a moment.





Stutterbox

Put on the headphones and speak into the microphone. Hearing our own voice with some delay makes it quite difficult to speak clearly.

Mono- chrome

Compare how the room appears in general light and under flashlight. Under flashlight, the room is much more colourful than it appeared before. This is not magic, but completely normal white colour flashlight. You can also try the flashlight on your cell phone.



Room of mirrors



Look around in the room of mirrors, what impression do you get? Mirrors make this room appear significantly larger than it is.

Walk on the floor, how do you feel? Walking on soft surface requires a little practice. Similarly, some practice is needed to walk on a solid surface after being on soft surface.



Soft floor

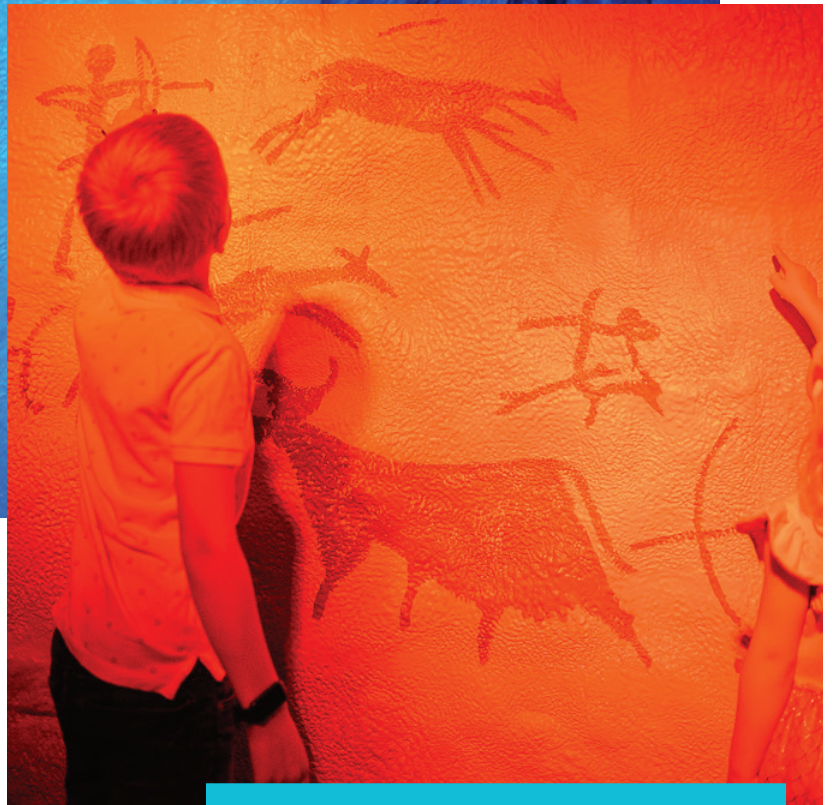
Colour puzzle

Read the written coloured words and measure how much time it takes. First, just read the names of the colours as they are written. Then, instead of reading the words, name the colours in which the words are printed. Compare how long it takes in both ways to read all the words.



RGB art

Look at the paintings on the wall, what colours make the show up or disappear? Try illuminating the wall with your phone flashlight to see the real colours of the drawings. A different set of images appears with each three colours.





Velvet fence

Put your hands together on both sides of the fence and slide them together over the fence. Although there is a metal fence between your hands, the movement gives you an illusion that there is soft velvet instead.

Tower of hot and cold

Move around in the tower at different heights. Try to locate the most comfortable temperature for you. Is your most comfortable height also the same for other people? The temperature in this room increases with the altitude.



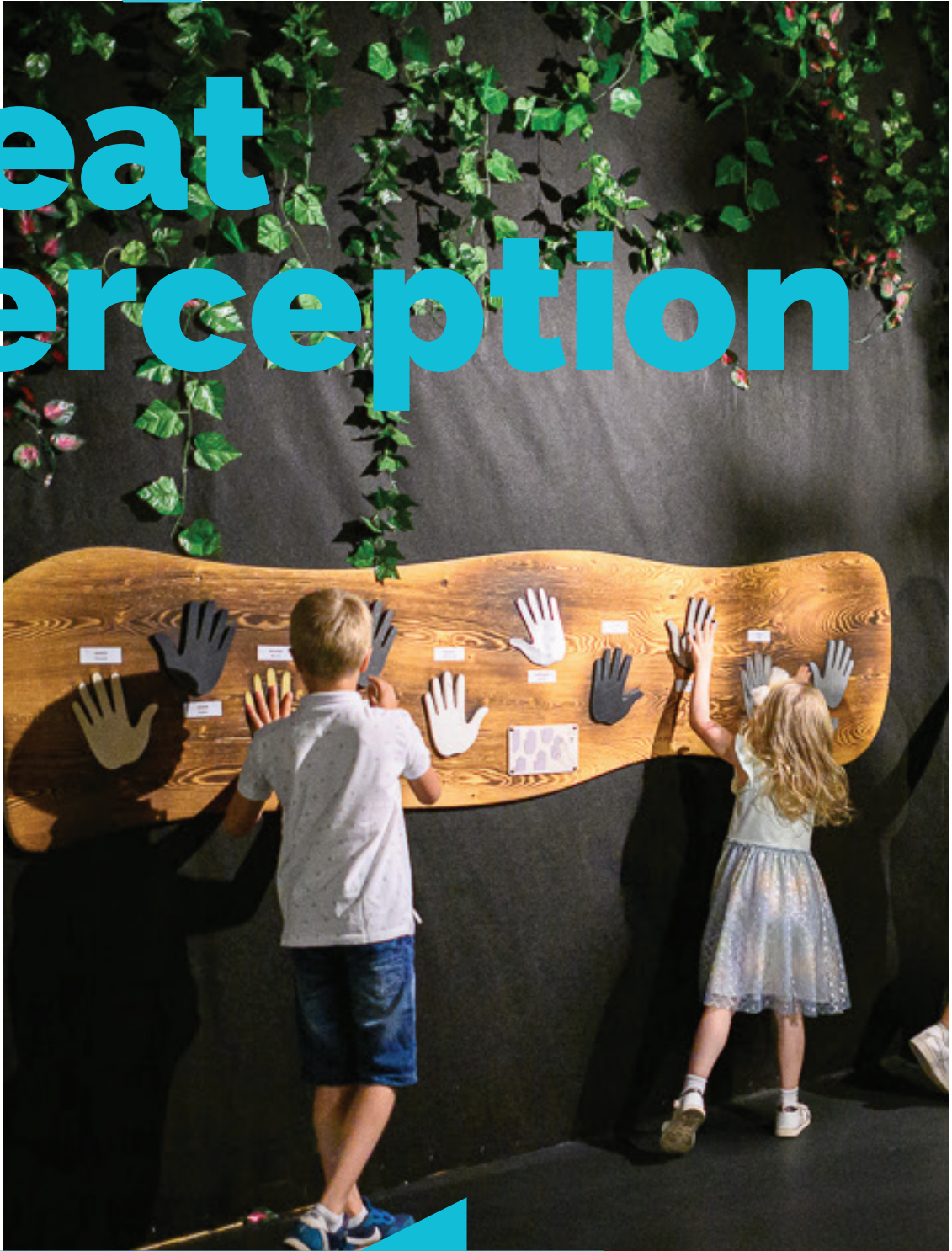
Heat scare



At first, touch the outer parts of the pipe – one side is cool, other one is warm. Now touch the middle part. Feeling cold and warm simultaneously can be rather startling.



Heat perception



Touch the handprints that are made from different materials. Surfaces made of different materials seem warmer or colder, even though they are all at the same temperature.

Finger tingler



Place two fingers of one hand on the plates and turn the crank handle. What happens when you only use one finger?

What about the fingers of different hands?

Try to get more or less surface contact with the tiles by moving your fingers and test how it feels with a wet finger.

Electric current passing through the fingers causes slight tickling sensation. The larger the area of contact, the stronger this feeling, just as in the case of wet fingers.

FF Tornado room

Enter the room and try to stay upright in the vortexes. It is more difficult to maintain balance in constantly changing gusts of wind than in constant strong wind.





Wind tunnel

Step into the wind tunnel and feel a real storm wind. In the increasingly strong air current, you must lean forward to stand up straight. Try talking to your friends – is it easier to hear you upwind or downwind? You can also try to jump in the air and test how far you land from the starting point but be careful – you can easily lose your balance.

Scent quiz

Walk around 15 different scent puzzles with multiple choice answers. The correct or incorrect answer is indicated by an acoustic signal and the changing colour of the pictogram.





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