

SOFIA HAAPAMÄKI

1991, Turku - Finland

www.sofiahaapamaeki.com

s.haapamaeki@gmail.com

@s.haapamaeki





Unerasable traces of you, 2023

250 x 200 cm

Handbuilt pen plotter: Aluminium rods, 3D printed parts, Wires, Arduino, Cnc v3 shield, computer, motors, GT2 belts, screws

This work is an interactive installation featuring a pen plotter. The plotter is attempting to create a depiction of the visitor and then overwrite the drawn image. It draws the figure by erasing with the chamois cloth, only to later overwrite the revealed figure with charcoal. The process is ongoing and continuous, and adds new layers for each participant on top of the previous ones. Creating a chaotic blend of all the depictions, the work challenges the idea of individual identity and what about it is to be seen.



Copies, 2021

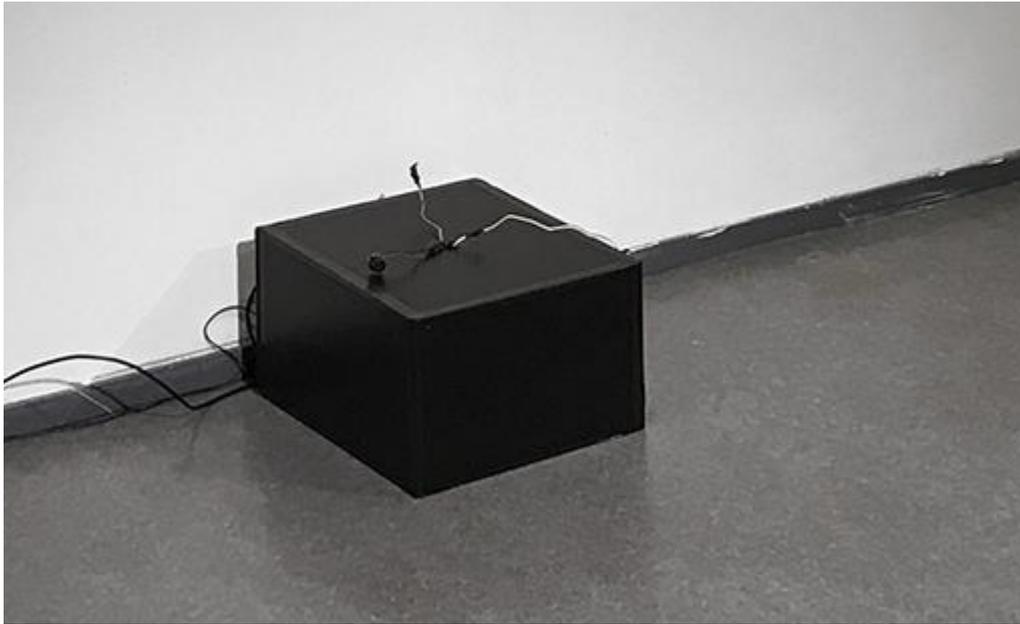
260 cm x 390 cm and the scanner room
Live stream projection installation and a full body 3D scanner

Copies consists of a handbuilt full body 3D scanner, and a projection of a 3D version of the gallery space. The work is meant to give the viewer a possibility to participate by making a 3D scan of themselves. The scan will produce a 3D model of the participant which is then placed into the 3D gallery space. The models live freely in the virtual space and take their own choices where to go and what to do. This gives the participant an opportunity to observe a version of themselves in a third person objective perspective.



Copies, 2021
Detail of the full body 3D scanner

220 cm x 220 cm x 4 cm
Aluminium rod, Raspberry PI zero W 5 pcs, V8 Cameras 5 pcs, wires, Nema 17 motor



Blackbox, 2020

45 cm x 32 cm x 22 cm

Wood, Metal rods, Wires, Arduino Uno, Distance-sensor, Photo-sensor, Microphone, Led diode, Photographic paper, Electrical tape, Screws, Nails, Electrical cord

Containing a small pen plotter working with a computer, Arduino and two motors for the X and Y axis. The Blackbox draws with an LED-light on photosensitive paper. It can draw up to 29 x 21 cm images.

Blackbox has been used for two different projects.



Fine Arts Academy at night 13/02-20, 2020

21 cm x 29 cm

Developed photographic paper

The Blackbox is programmed to collect data of what's happening around it. It measures the distance to the box, the light cast on it and it listens to audio. Everything is recorded on the photographic paper unbeknownst to the people present in the room. The recordings become visible only when the process is stopped, the box is opened, and the photo is developed.



Collection of the earlier produced photographs by the Blackbox and software. Total of 19 days.

All the printed photos are 17.6 × 25 cm.

The Blackbox is programmed to once per day find and download one front-page photo from a random online news site. When the image is downloaded and processed, the Blackbox “prints” the image on a photographic paper with a led light. When the print is ready, the paper is extracted from the Blackbox and developed. This creates a series of printed photos with one randomly chosen front-page image as the “image of the society today”.



Follow the leader, 2019

160 cm x 200 cm
Canvas, Ink, Graphite

With the help of a hand built drawing machine and an electroencephalography (EEG) which collects data from the motor cortex, I'm investigating the concept of drawing with myself. When working, I and the machine I'm connected to with the EEG, are simultaneously drawing onto the same surface. The source to the drawing is the same but the execution is happening through two different channels; one traditional way, my hands, and one non-traditional way, a machine. Otherwise hidden activity in my brain that only reveals itself through my body, is now openly communicating with me through the drawing.