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Self-Organisation in Art

Prof. Ursula Damm

Peter Fischli & David Weiss

Der Lauf der Dinge (1987)



[video of the installation](#)

Zilvinas Kempinas

Double 0 (2008)



[documentation of the work](#)

Timothy Knowles

Individual Fullmoos (2008)



Long exposure photographs of the fullmoon reflected on undulating water.

[on his website](#)

Timothy Knowles

Postal Works (2011)



A series of works produced as they travel through the postal system

[on his website](#)

Timothy Knowles

Trans-Alp Project (2006)



A drawing generated by the forces at work within a car, the journey's twists and turns, starts and stops, recorded on a roll of slowly moving paper. The act of delivery becoming an act of production, departing from London with only an apparatus installed in the back of a hire car, arriving in Northern Italy with a piece of work for the exhibition.

[on his website](#)

Timothy Knowles

Tree Drawings

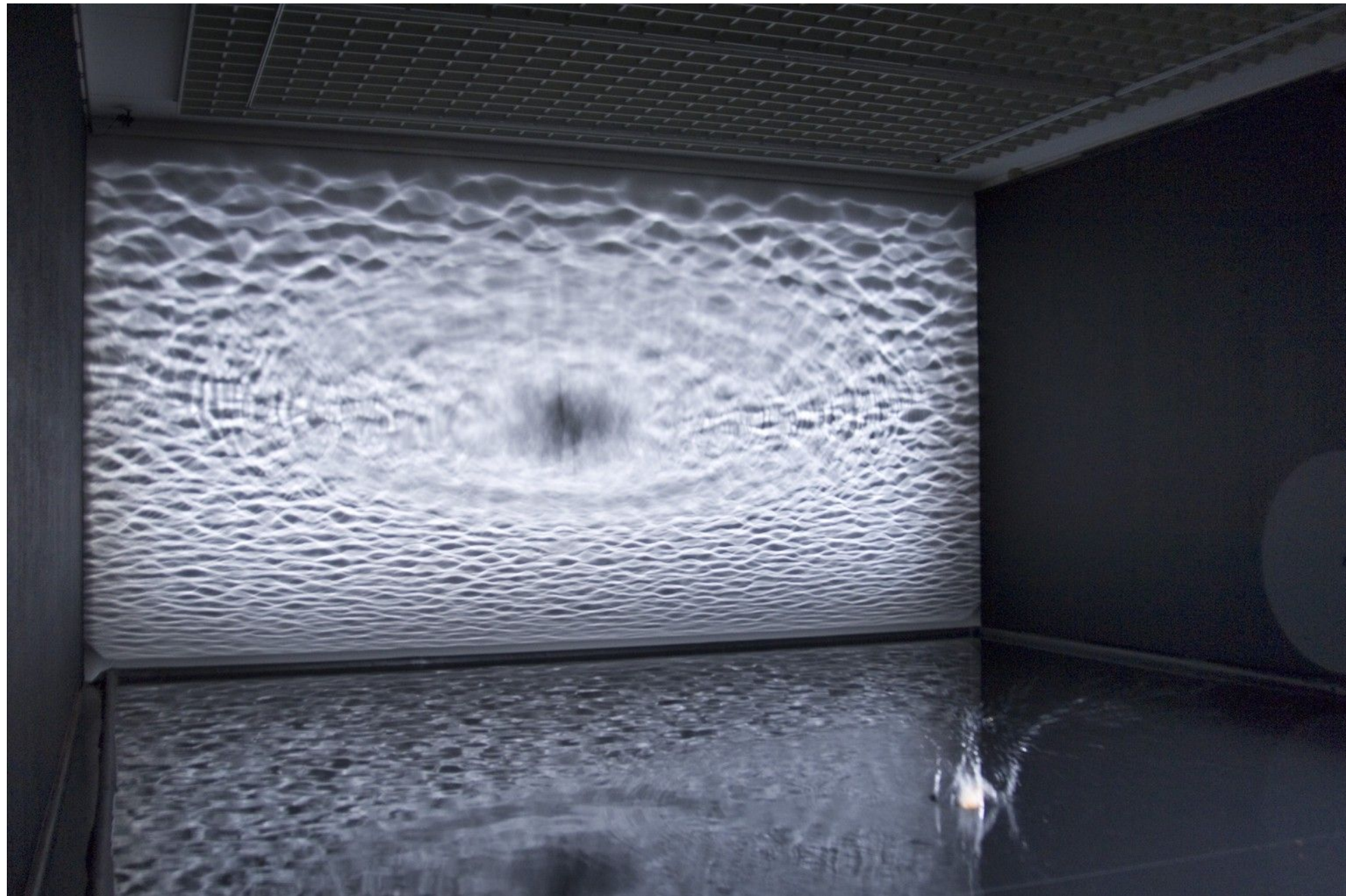


A series of drawings produced using drawing implements attached to the tips of tree branches, the wind's effects on the tree, recorded on paper. Like signatures each drawing reveals the different qualities and characteristics of each tree.

[on his website](#)

Olafur Eliasson

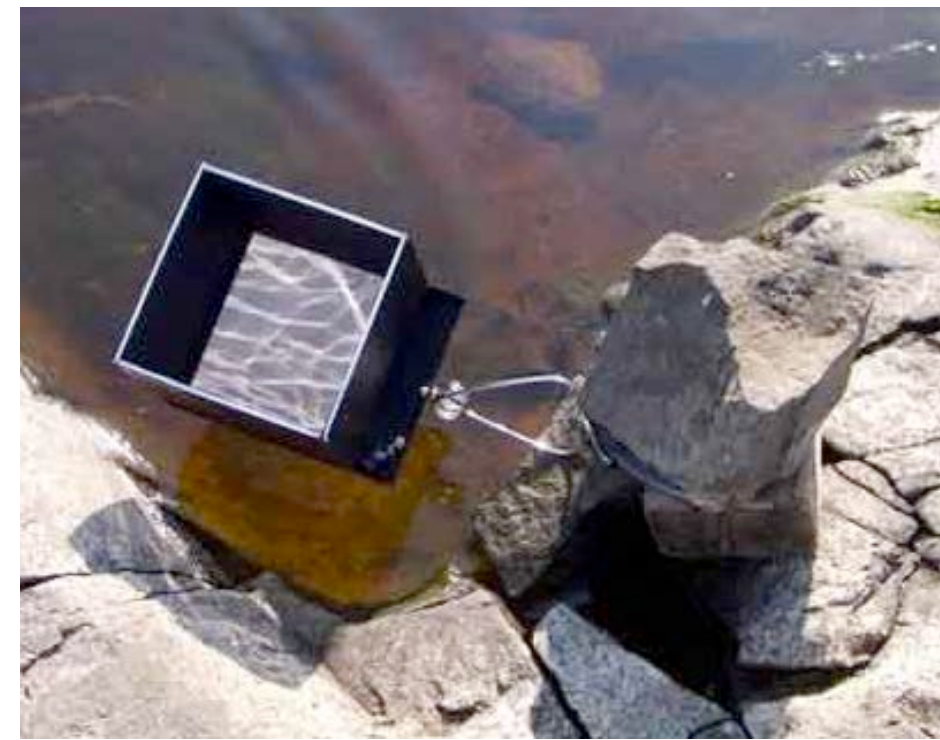
Notion Motion 2005



[video on the installation of an exhibition](#)

Tuula Närhinen

Clapotis - Wavescreens



Clapotis (French for "lapping") is a series of works studying the movement of waves. For the purpose, I built instruments that create images of waves both under and above the surface.

Wave screen makes surface wave patterns visible. This simple instrument consists of a translucent screen and a black box which works as a shade. The box is placed on an easel close to the water surface and directed towards the sun. When the sun shines, waves act as lenses gathering and reflecting light into changing linear patterns on the screen. I photographed these patterns as still images and recorded the movement on video.

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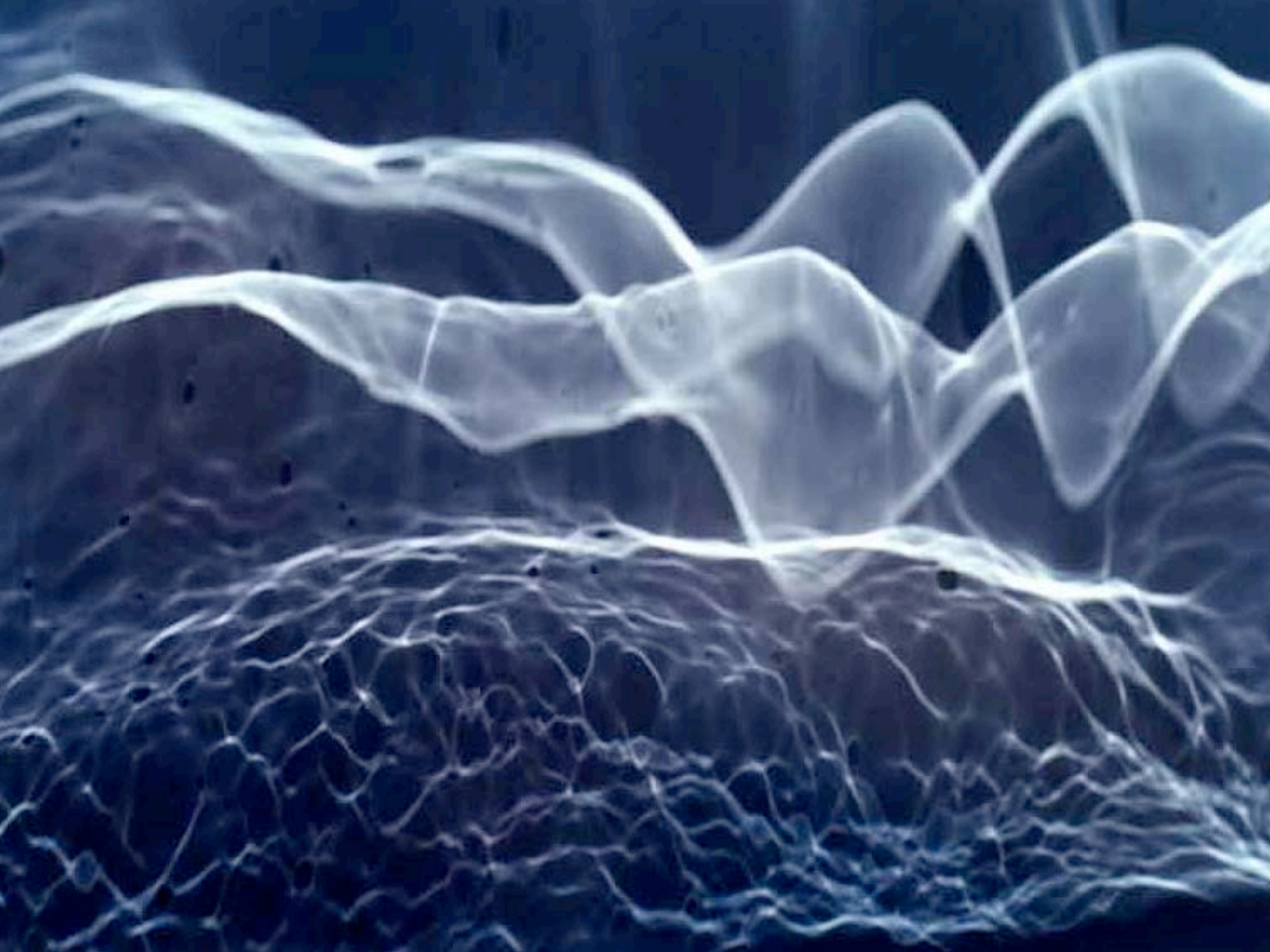
Wave screen makes surface wave patterns visible. The results are photographs and a video of the screen.

Wave tracer records the pulse of the sea in form of a graph on paper.

Storm in a Teacup transfers underwater changes of pressure to oscillating water levels in a U-shaped tube.

In Wavescapes the oscillation of the sea surface is recorded as a photogram directly on photographic paper.

[*on her website*](#)





Tony Oricco



<https://tonyorricco.com/>
<https://vimeo.com/user7079224>
<https://youtu.be/VpippMrdDPI>

Leo Peschta

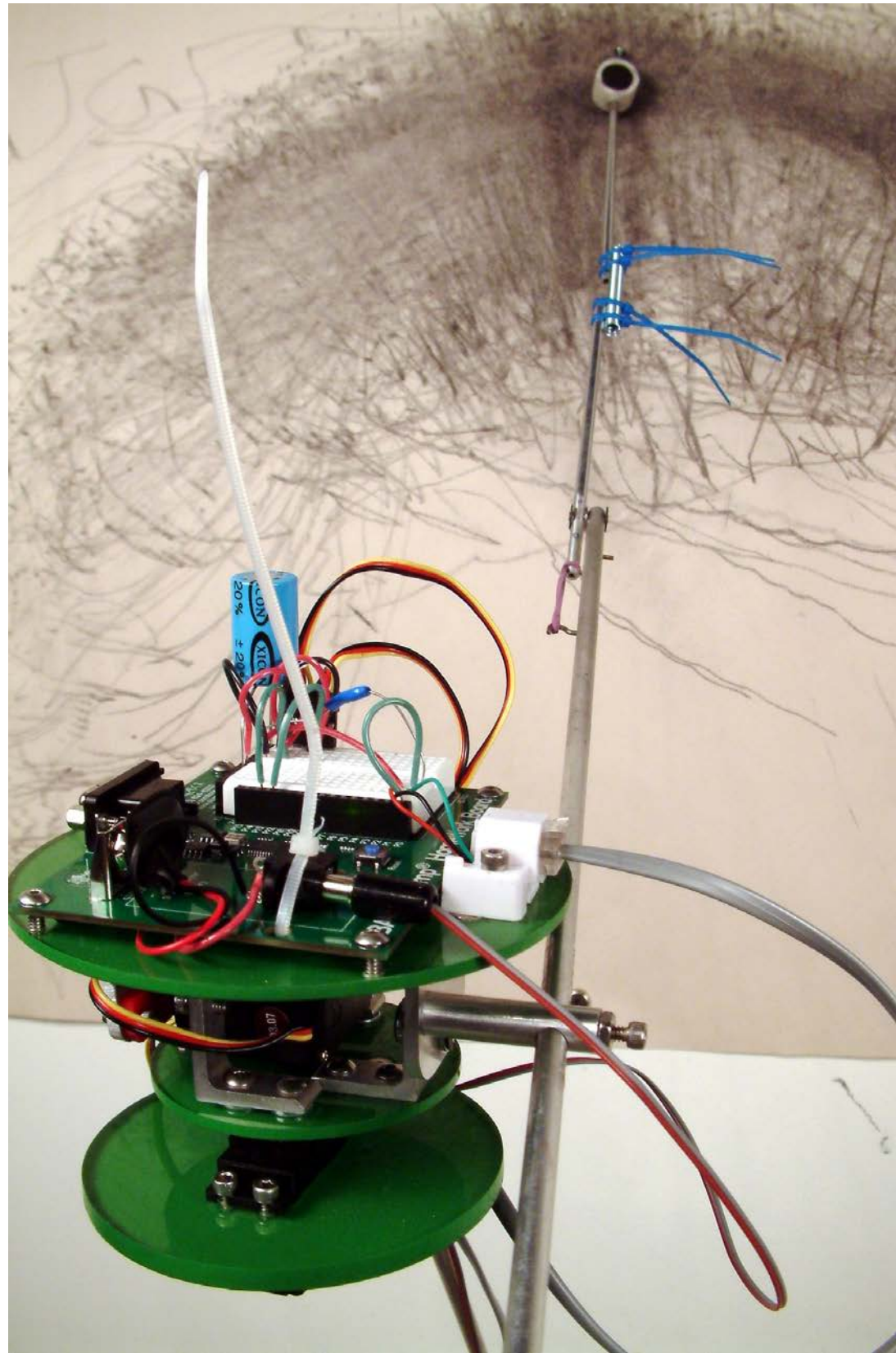
Zermesser 2007



[Interview](#)

David Bowen

Remote infrared drawing device (2004)



[documentation](#)
[video](#)

David Bowen

Material Removal Device (2003)



[documentation](#)
[video](#)

Roman Kirschner

Roots

Roots is a dreamlike screen that follows an old persian image: a bush growing heads. – In a green and brownish fluid iron crystals grow steadily...Bubbles ascend like jellyfish. Branches break off and sink to the dark ground. They start to dissolve and become thick clouds hovering over the scene.

The sculpture works in a cyclic way. Two thirds of the cycle it is active: a crystal object is growing and stretching in space which creates a more and more tense sound. The sculpture composes itself. The following passive dreamphase makes up one third of the cycle. The object dissolves and falls apart while the tension slowly fades. The cycle of growth and decay restarts on the ruins of the decomposition. One cycle lasts around 3 hours.

Electricity is pulsed through the whole Sculpture. It is the key to the constant transformation. Growth changes the flow of the current. The modified flow changes the growth. Software and Hardware leave the next step to the material. The voltages at each wire are put through a resonance filter and thus transformed into sound. The 4/4 pulse results in a sublime rhythm.

Utopian Screen

The installation is based on the model of a chemical computer by Gordon Pask in the early 1950s.

It was open to the environment and it managed to grow to a configuration which was able to distinguish between different frequencies.

Roots refers to a time when the big synthesis and simulation of image, sound, thinking and memory was soon to be started.

[documentation](#)

[video](#)



Roman Kirschner

Maelstrom



[documentation](#)
[video](#)

Yunchul Kim

Cascade Project



[documentation](#)
[video](#)

Yoshimasa Kato & Yuichi Ito

White Lives on Speakers, 2007

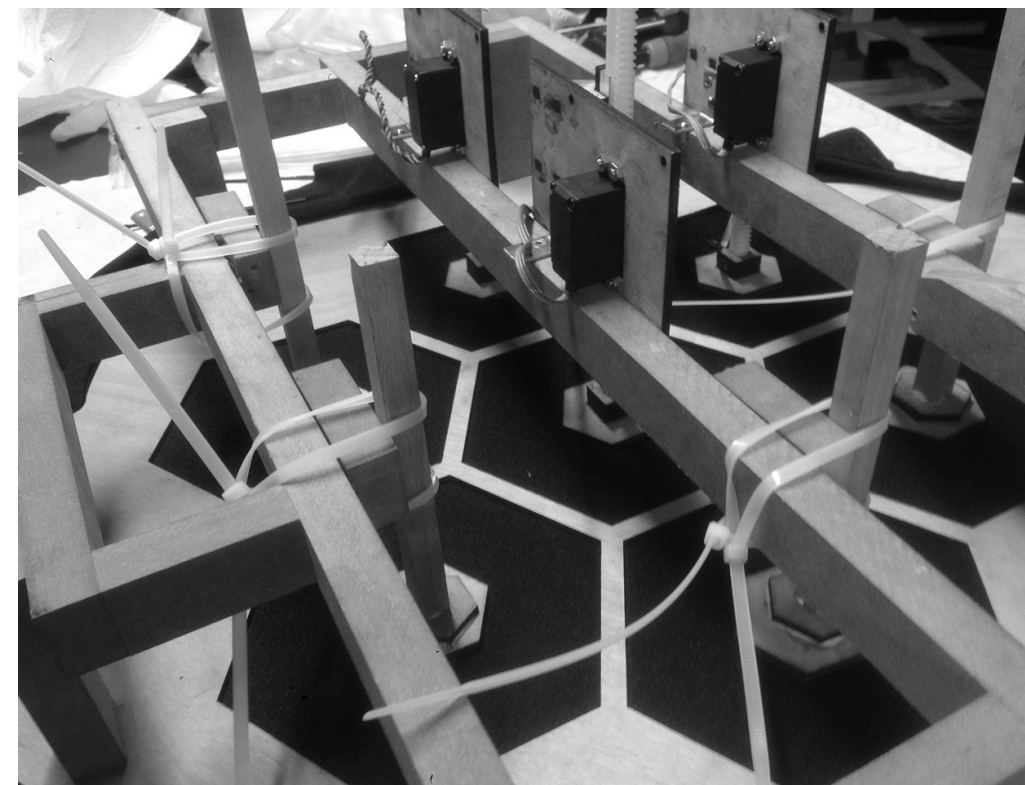
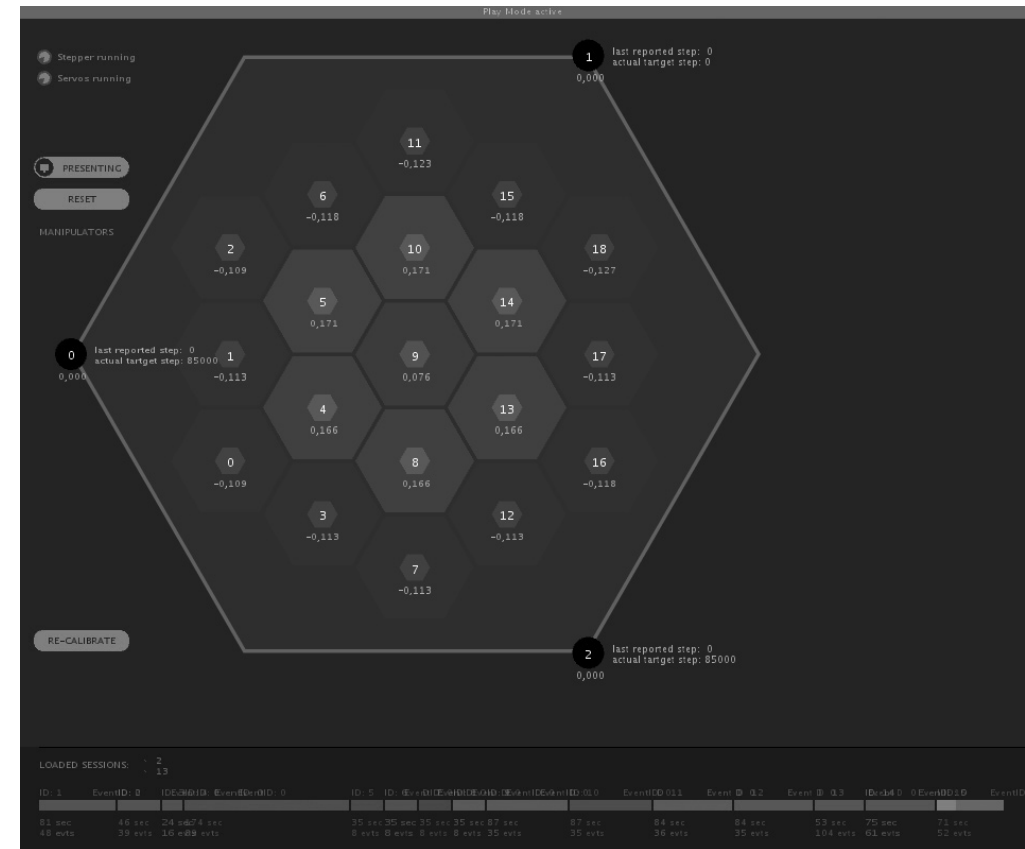
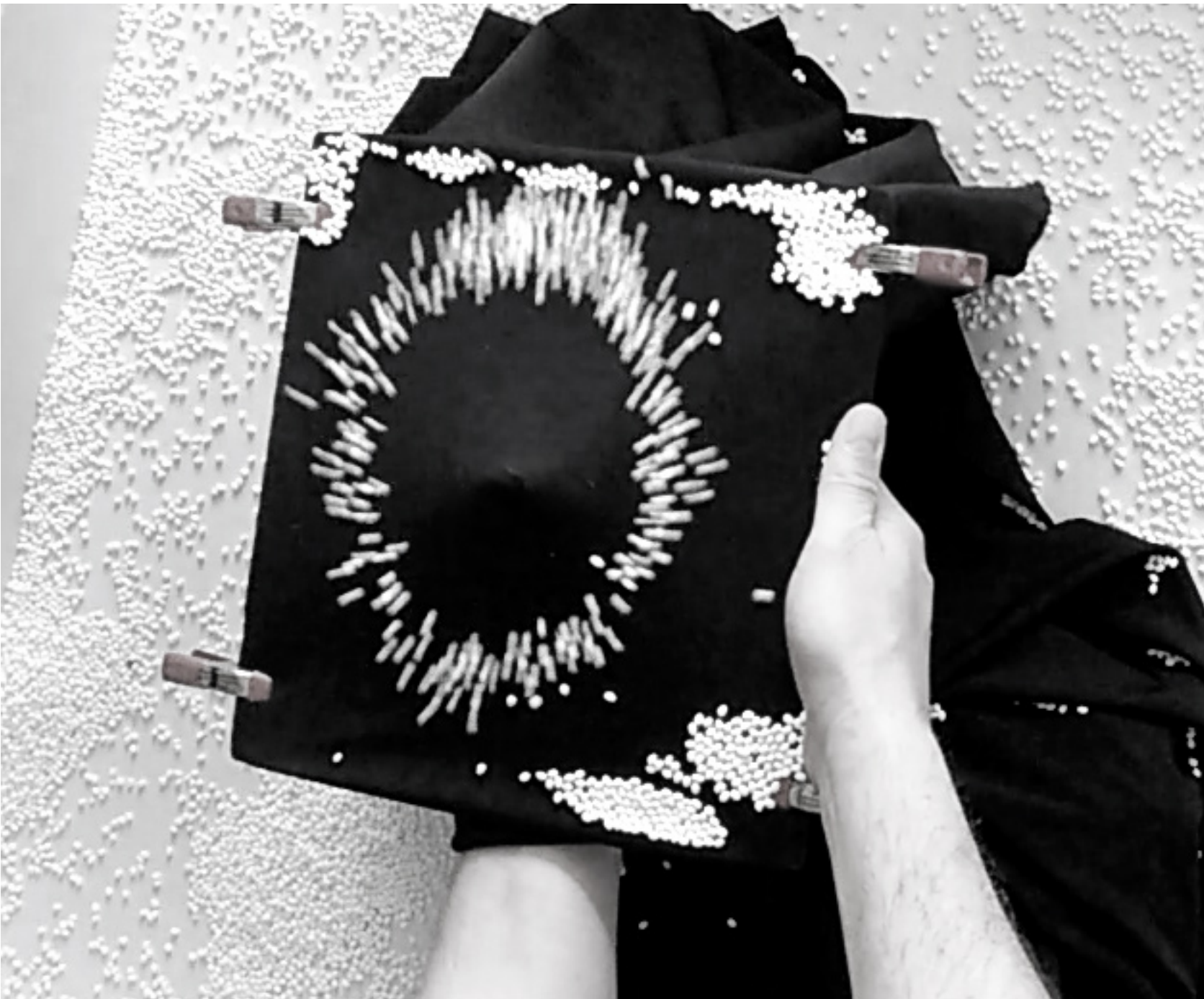


The theme of our work is sculpture made through sound. The method of this work is a white liquid jumping on a speaker. This liquid is potato starch dissolved in water. ...

[documentation](#)
[website](#)

Andreas Muxel

Particle Flow - kinetic motion study 2016



[documentation](#)
[website](#)

Christoph Kilian

Tuchfühler 2010

A silk cloth hangs from the ceiling of the room all the way to the floor. As people move through the space the air surrounding them also moves, in turn causing the cloth to move.

Behind the cloth is a group of electromechanical units. Each unit has a motor which moves a thin carbon fibre rod. First the rod gently approaches the cloth and in doing so, slides through two steel tubes which are electrically isolated from one another. If the rod comes into contact with the cloth, it will slightly bend. By bending, the rod connects the two steel tubes and thus completes an internal signal circuit. This causes the rod to move back away from the cloth for a moment.

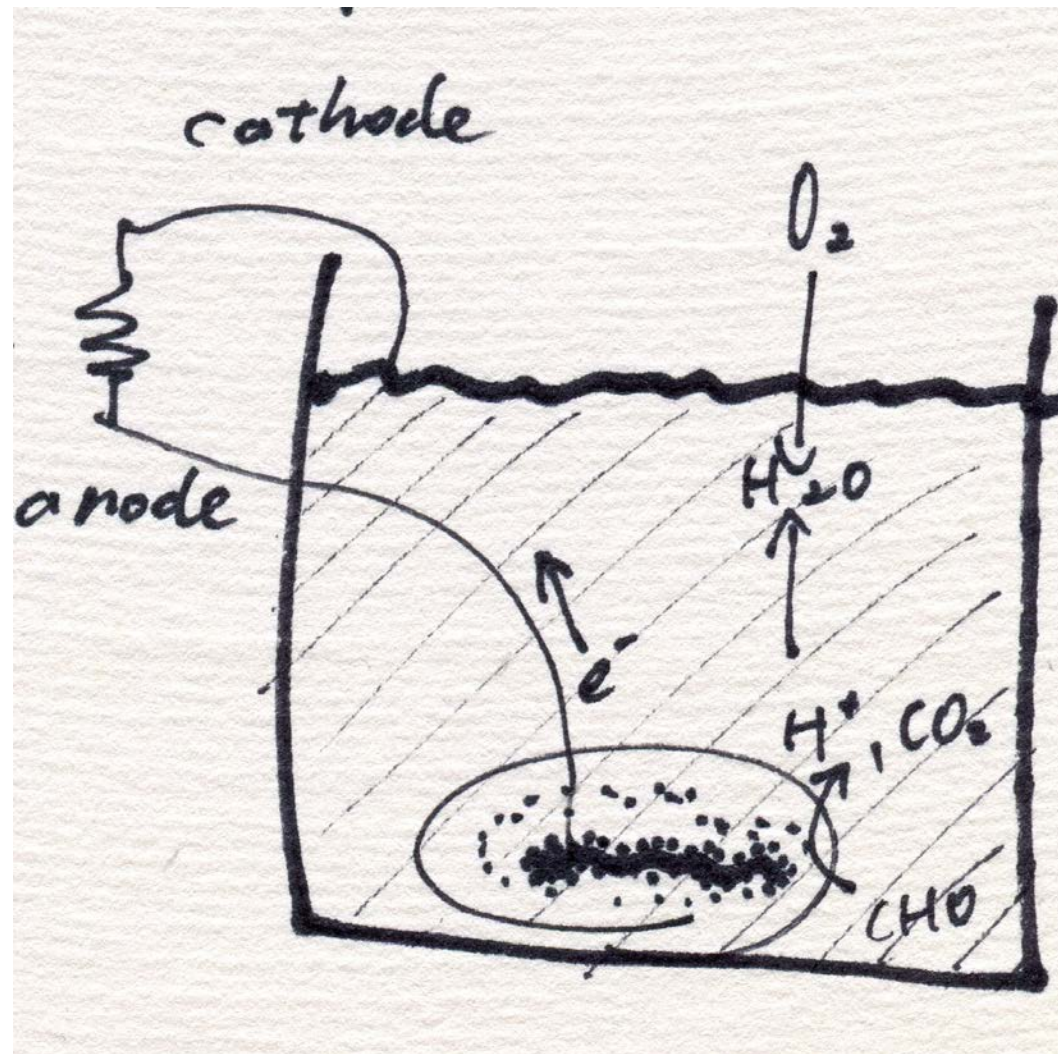
The silk cloth is also transformed by the touch of the rod. The retreat of the cloth stimulates the surrounding units to approach it again, and thus transforming it further. So the attempt to determine the position of the cloth in space leads to a perpetual interplay of the observers.

[documentation](#)
[video](#)



Soichiro Mihara

Cosmos 2015

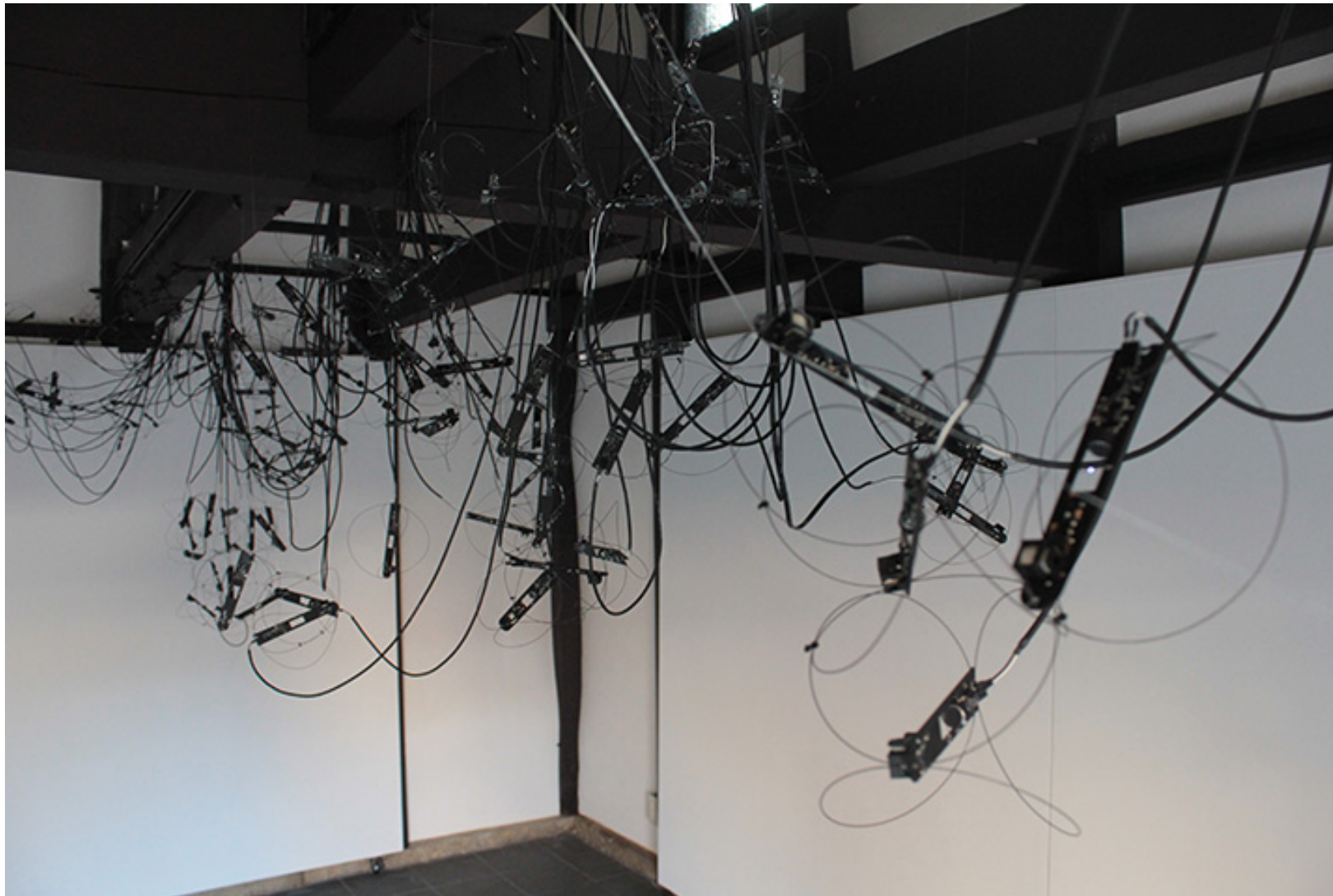


[documentation](#)

<https://mhrs.pb.studio/cosmos>
[video](#)

Soichiro Mihara

MOIDS 2.0 Acoustic emergence structure 2019



moids ∞

collaboration with Kazuki Saita

2018

Crowd of ϕ 12 cm micro discharge devices

Dimensions variable

[documentation](#)

[more documentation](#)

[video](#)