

TON-PENDEL(A)UTOM@T

AN AUDIOVISUAL AND ROBOTIC INSTALLATION (2025)

ELECTROACOUSTIC MUSIC; ABSTRACT ANIMATED VIDEO;
SIX SUSPENDED, SONIC, ROBOTIC AND INTERACTIVE PENDULAR OBJECTS

LAUREATE OF IMPULS NEUE MUSIK 2024

World premiere - AKADEMIE DER KÜNSTE (Berlin-DE), November 5, 2025

[SEE THE TRAILER OF THE INSTALLATION \(FIVE VIDEO SAMPLES\)](#)



Photograph of the world premiere/opening of the concert/installation - © Clara Maïda

AKADEMIE DER KÜNSTE (Berlin-DE), November 5, 2025

Ton-Pendel(a)utom@t is an installation for electroacoustic music, animated video and six suspended sonic, robotic and interactive pendular objects.

The title combines three German words, "Ton" ("sound"), "Pendel" ("pendulum") and "Automat" ("automaton"). It suggests a sound pendular automaton.

The installation questions the relationship between humans and machines and proposes a sound and visual hybrid imaginary at the intersection of a mechanical system that appears to be alive, deforming under the pressure of forces, and a ramified organism whose connective and proliferating potentiality is constrained by a rigid and limited framework.

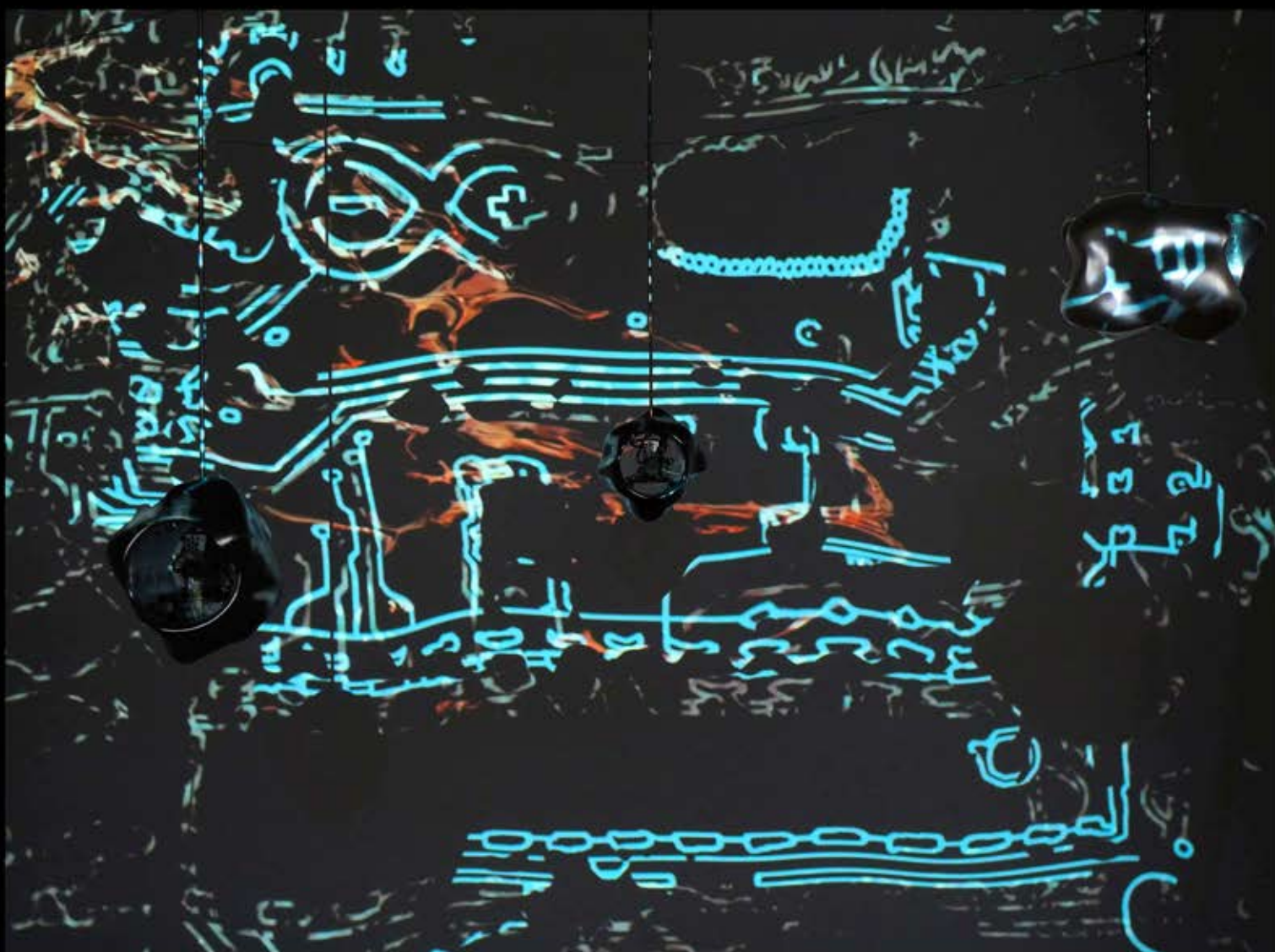
The six robotic objects are suspended. They are equipped with embedded distance and motion sensors, MP3 mini-players and mini loudspeakers.

They detect the audience's gestures that trigger their swinging motion and sound sequences.

Projected onto a screen placed in the background, the animated video is also reflected on the six pendular objects, creating six moving and colourful micro-surfaces of projection.

The video has been realised in synchronisation with the electroacoustic musical creation which is spatialised across four loudspeakers arranged around the audience.

SEE SOME PHOTOGRAPHS OF TON-PENDEL(A)UTOMAT



Photograph of three pendular objects and the animated video in the background - © Clara Maïda

AKADEMIE DER KÜNSTE (Berlin-DE), November 5, 2025

Six 3D printed pendular objects, painted with a mirror-finish silver chrome colour

Hanged from the ceiling by a cable and interconnected with silver elastic threads

Abstract animated video projected in the background and also reflected on the objects



Preparation for installation - AKADEMIE DER KÜNSTE (Berlin-DE), November 4, 2025 - © Clara Maïda

Image on the left - Four of the pendular objects on the ground, ready to be hung up

Image on the right - Two of the pendular objects, hung and interconnected by silver elastic threads

SEE THE FULL DESCRIPTION OF TON-PENDEL(A)UTOM@T



Close-up photograph of a pendular object with the animated video in the background - © Clara Maïda

AKADEMIE DER KÜNSTE (Berlin-DE), November 5, 2025



Photograph of the installation - AKADEMIE DER KÜNSTE (Berlin-DE) - Audience in interaction with the objects - © Clara Maïda

SEE THE TRAILER OF THE ANIMATED VIDEO



Screenshot of the animated video with electroacoustic music - © Clara Maïda

CLARA MAÏDA

Conception of the installation, music composition, realisation of the animated video,
2D design of the installation, 3D co-design and painting of the pendular objects

MATTHIAS KUBISCH

Conception and realisation of the robotic system, 3D co-design and 3D printing of the pendular objects

CONTACT CLARA MAÏDA

contact@claramaida.com

WEBSITE

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