

PENDEL(A)UTOM@T

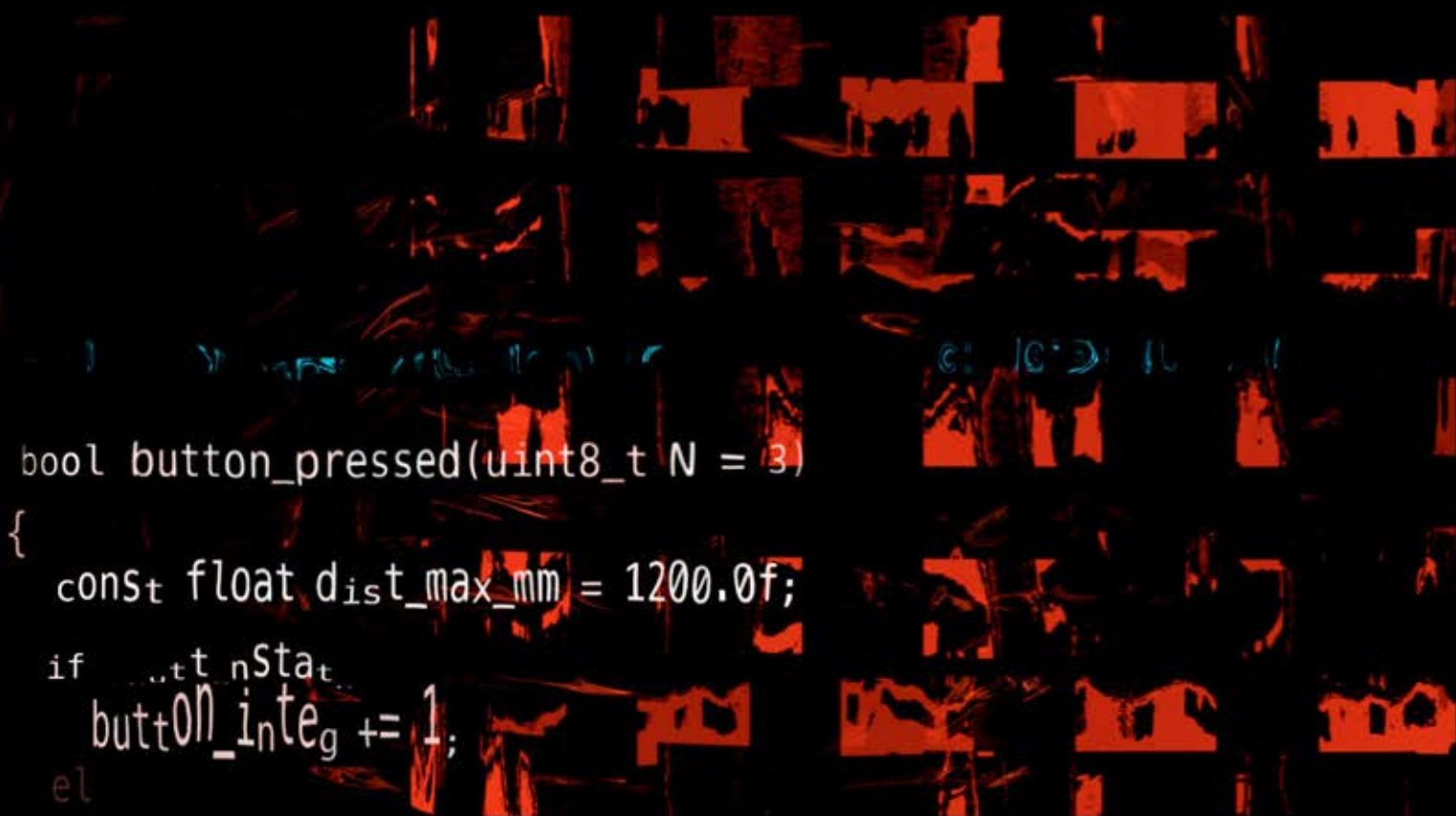
ABSTRACT ANIMATED VIDEO AND MUSICAL CREATION (2025)

4-CHANNEL ELECTROACOUSTIC MUSIC AND ABSTRACT ANIMATED VIDEO

LAUREATE OF IMPULS NEUE MUSIK 2024

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

[SEE THE TRAILER OF THE AUDIOVISUAL WORK](#)



Screenshot of the animated video - © Clara Maïda

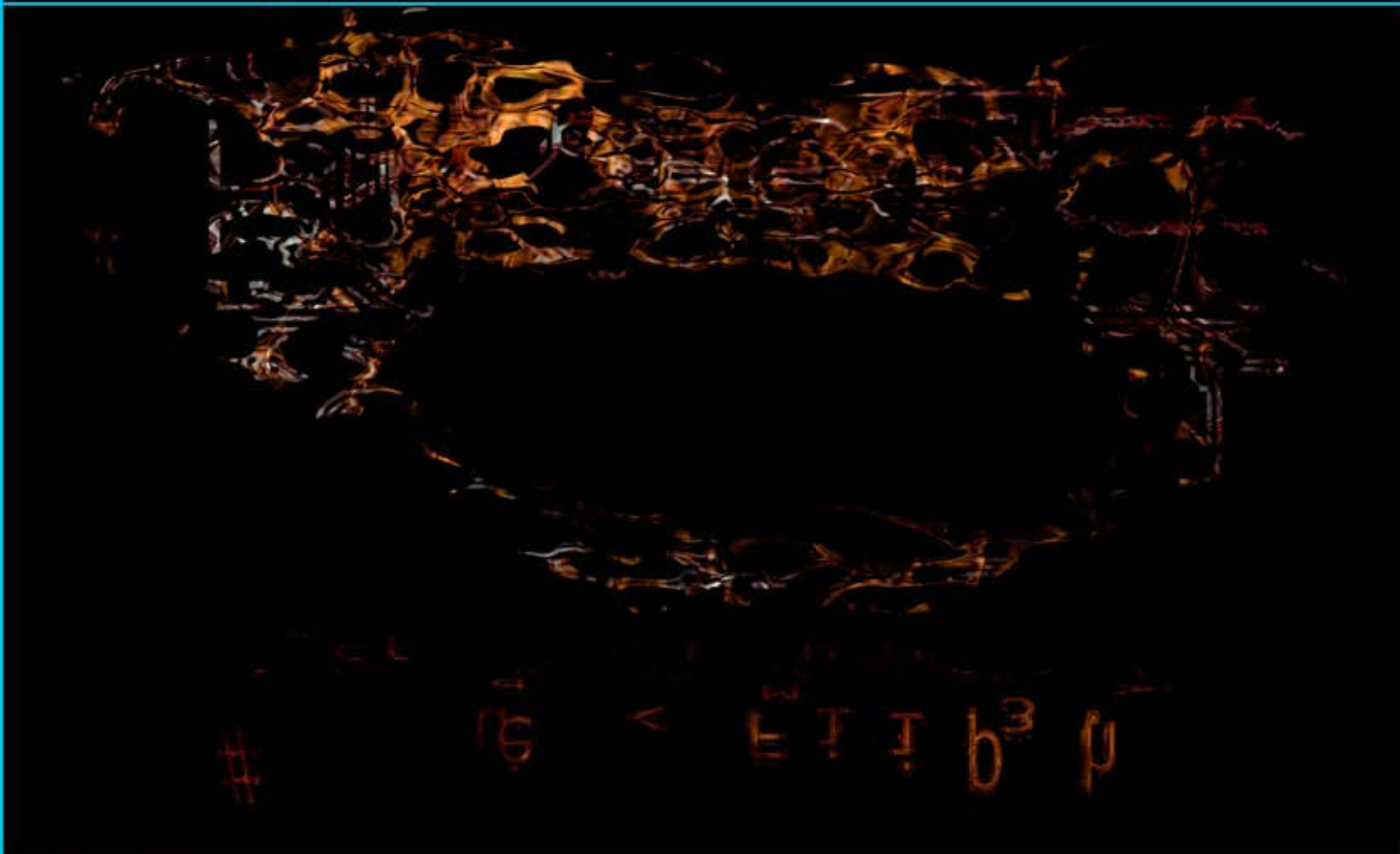
AKADEMIE DER KÜNSTE (Berlin-DE), November 5, 2025

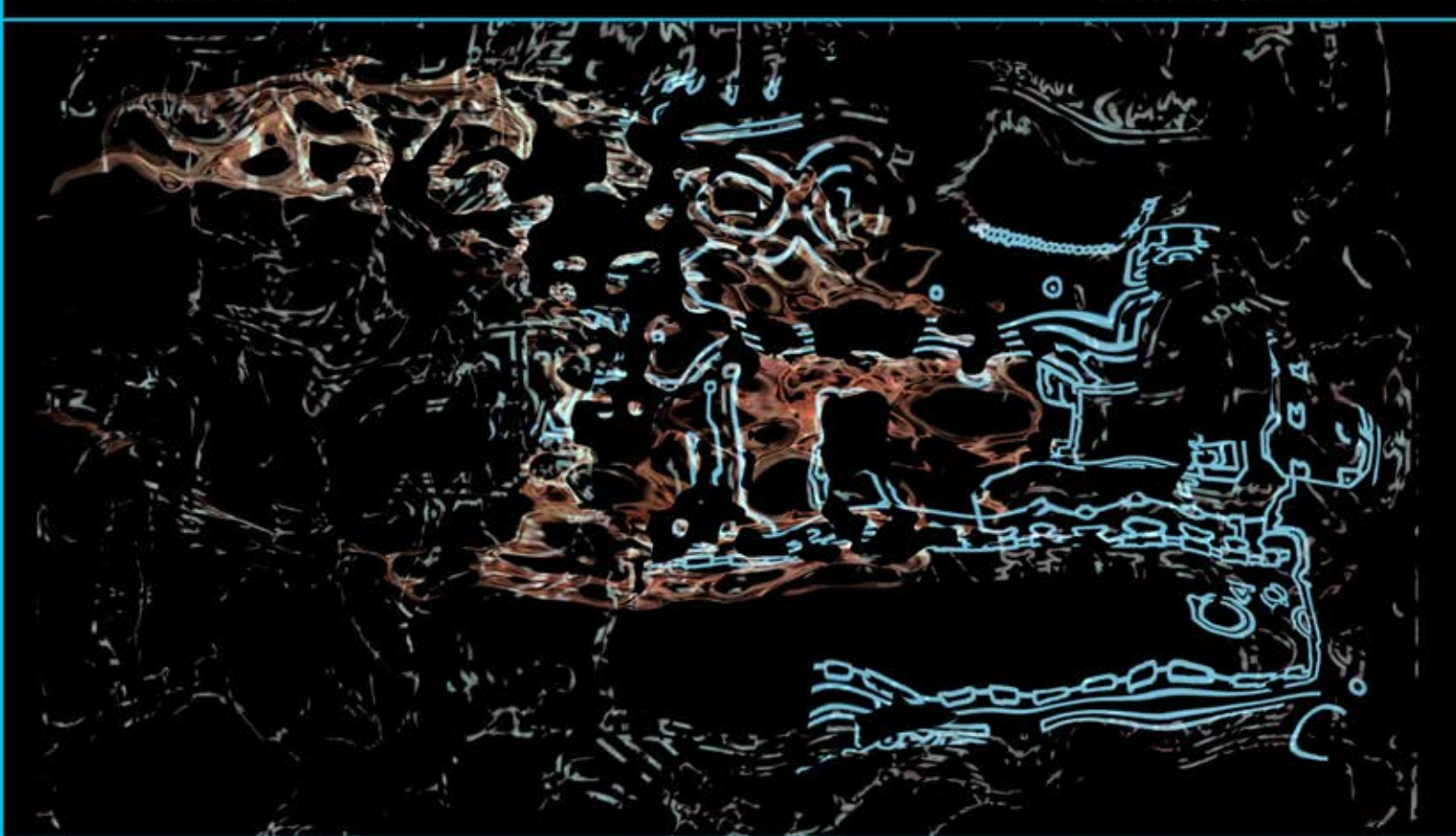
Pendel(a)utom@t is an abstract animated video projected as part of the installation **Ton-Pendel(a)utom@t**.

As with the work **(a)utom@ton**, the animated image explores the hybridisation of a visual material composed of images of neurons, brain connections, an Arduino board, robotic circuits and mechanical cogwheels, but adding fragments of programming code.

Metamorphic paths follow one another from text to image, from mechanisms in motion to filamentous shapes that suggest micro-cellular organisms or a cosmic structure.

The quadraphonic soundtrack uses sequences from the work **(a)utom@ton** (noisy sounds and repetitive mechanisms, hoarse and strident sonorities), but this time with a highly elastic temporality.





```

audio.begin();
audio.reset();
Serial.println("DFPlayer initialized.");

while(audio.getTotalFolderCount() == 0) {
  delay(1000);
  Serial.println("Cannot initialize SDCard.");
  digitalWrite(LEDRED, !digitalRead(LEDRED));
}

```



Two screenshots of the animated video - © Clara Maïda

The title combines two German words, "Pendel" (a pendulum) and "Automat" (an automaton) and suggests a pendular automaton.

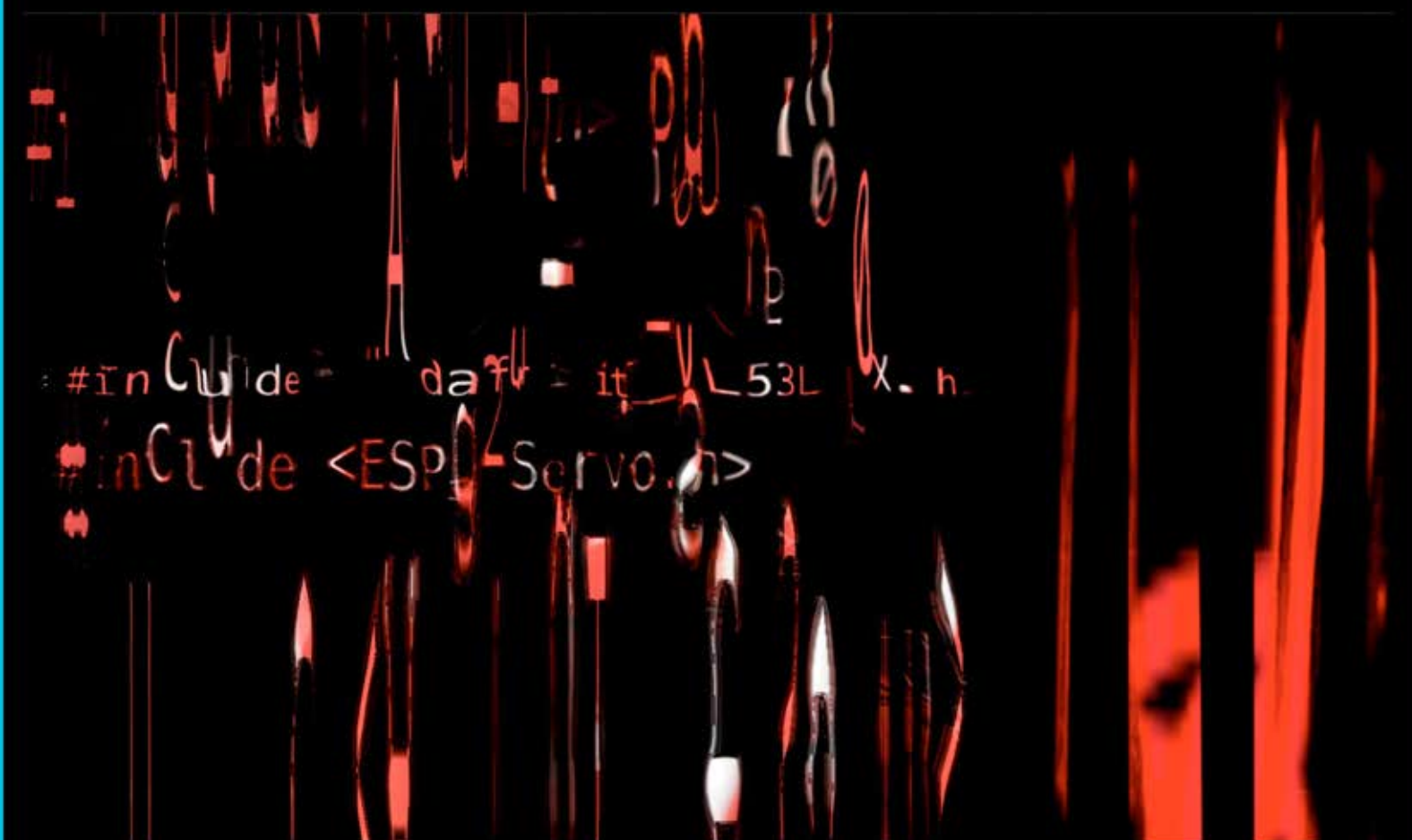
Both signs (*a*) and @ inserted in the spelling of the title emphasize the distinction between what drives a human being and a robot.

(*a*) alludes to the *little a* object conceptualised by psychoanalyst Jacques Lacan, the elusive and unidentifiable object of desire. @ evokes the WiFi-connected robotic objects.

The animated video is projected onto a very large screen in the background of a robotic device composed of six suspended sonic, robotic and interactive pendular objects. It is also reflected on the suspended objects, giving place to six colourful and moving micro-surfaces of reflection.

The musical soundtrack of the video is a multichannel electroacoustic work.

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



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

CLARA MAÏDA - Music composition and realisation of the animated video

VIDEO CREATION

Realised with Adobe Photoshop (digital processing of the images) and Adobe After Effects (animation of the images)

MUSICAL CREATION

Realised with ProTools (editing, mix, sound processing), GRM Tools and ASAP IRCAM (sound processing)

Images: network of brain connections; neuron; Arduino board; robotic circuit; machinic cogwheels; videos of reflection in water

AUDIO files: recording of instrumental and machinic sounds

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WEBSITE

IMAGES AND MUSIC - © CLARA MAÏDA

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All the musical creations are protected by the **SACEM**