

June, 2026

THE ORIGIN

THE HE-ARTBEATING EXPERIENCE.

Reconnect with humanity's lifeline

BY CLAIRE SHĀR

INTRODUCTION

THE ORIGIN is an immersive participatory installation exploring the relationship between biological rhythm, creativity and collective consciousness.

In an era increasingly shaped by artificial intelligence, prediction and algorithmic thinking, the project invites visitors to reconnect with their own original rhythms as a source of awareness, imagination and creation.

The installation transforms a heartbeat into a living line, a line into a handwritten word, and that word into a growing collective artwork. Every visitor contributes to The Absolute Poem, a living multilingual archive continuously written by humanity itself. Technology is not used to generate meaning. It is used to reveal it.

THE ORIGIN

THE HE-ARTBEATING EXPERIENCE.

Reconnect with humanity's lifeline.

THE ORIGIN is an immersive participatory installation that transforms a heartbeat into a line, a line into a word, and that word into part of a collective poem.

Each visitor reconnects with their own rhythm, creates one handwritten word in their own language, and adds it to a living archive.

Together, thousands of heartbeats and words form The Absolute Poem.



June, 2026

ARTISTIC STATEMENT

The project proposes that rhythm is our first language.
Before speech, before writing and before algorithms, there is the body.
There is breathing. There is the heartbeat.

By observing their own cardiac rhythm, visitors enter a moment of metacognitive attention.

Rather than asking artificial intelligence to produce a response, they are invited to create one themselves. A single handwritten word becomes the continuation of their heartbeat. The work suggests that the future is not something predicted by machines but something continuously written through human imagination.

THE EXPERIENCE – 1. HEART ORACLE

The experience begins with a one-minute immersive sound composition built around slow *theta* rhythms.

Visitors wear headphones and place one finger inside a Bluetooth pulse oximeter. Their heartbeat is simultaneously displayed on a vintage oscilloscope, where it appears as a living luminous line. The oscilloscope becomes a drawing instrument rather than a scientific device. For one minute, visitors simply observe their own rhythm and reconnect with the present moment.

2. CONTINUE YOUR FUTURE LINE

An interactive tablet then displays the following invitation:

YOU ARE NOW A POET OF THE ABSOLUTE POEM.

Your line does not end here.

Choose one word, in your own language, that will guide your future line.

The visitor writes one handwritten word on the tablet. Symbolically, this word becomes the continuation of the heartbeat line. Rather than being generated by artificial intelligence, meaning emerges directly from the participant's own attention and imagination.

1. HEART ORACLE

Sit in the cocoon, listen to a 1-minute immersive sound composition and place your finger on the pulse oximeter.

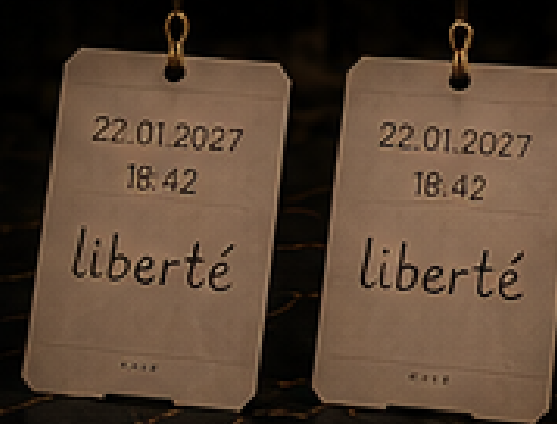
2. YOUR FUTURE LINE

Your heartbeat appears in real time on the oscilloscope. It becomes the continuation of your line.



3. THE ORIGIN

You receive two identical tickets with the date, time and your exact handwritten word.



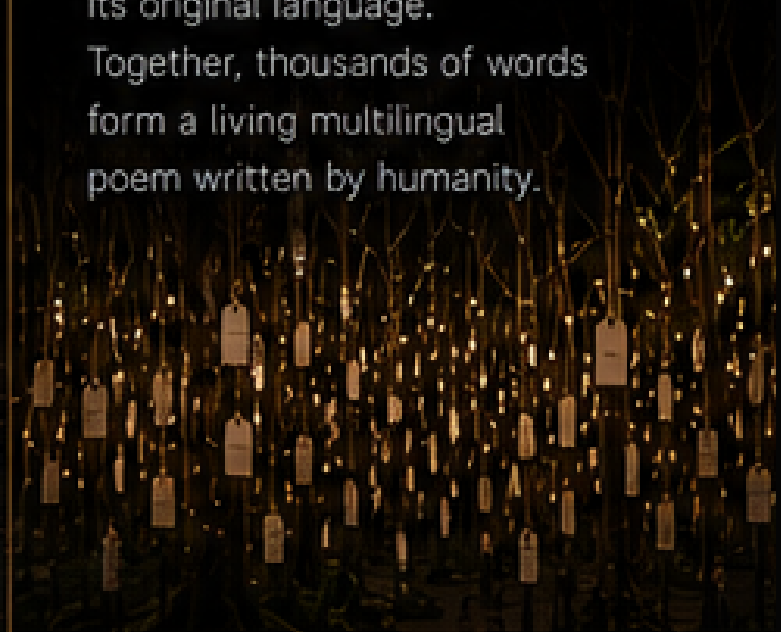
4. THE LIVING HEARTBEAT

Every recorded heartbeat becomes part of a collective sound composition and subtle light pulses.



5. THE ABSOLUTE POEM

Every word is archived in its original language. Together, thousands of words form a living multilingual poem written by humanity.



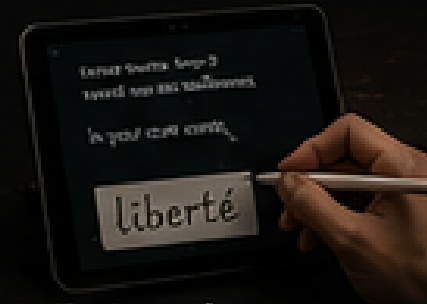
COMPONENTS & TECHNOLOGY



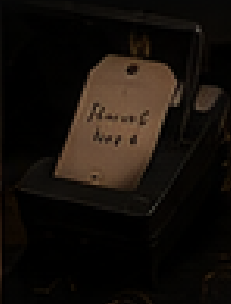
Oscilloscope
(HAMEG HM203-2)



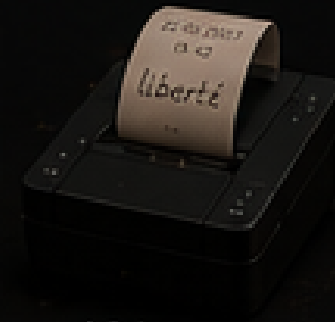
Pulse Oximeter
(Wellue FS20F)



iPad Interface
(Apple Pencil)



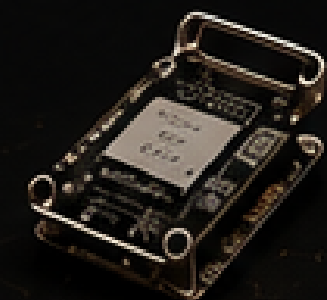
Thermal Printer
(NETUM NT-P80)



Headphones
(Sony WH-1000XM5)



Audio Interface
(Focusrite Scarlett 2i2)



Microcontroller
(Arduino ESP32)



Database
(SQLite)

THE PYTHON PROGRAM

The program acquires real-time data from the pulse oximeter via Bluetooth Low Energy using the Bleak library. It records the heartbeat, stores it in the database, and synchronizes with the installation to drive the sound and light.



Pulse Oximeter



Bluetooth
(Bleak)



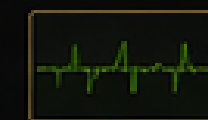
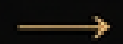
Python



SQLite
Database



Sound / Light
System



Oscilloscope
(Visual Feedback)

3. The Origin

At the centre of the installation stands a monumental sculptural tree. Neither decorative nor symbolic, it functions as a living organism. Visitors can enter inside its hollow trunk, surrounded by thousands of suspended words contributed by previous participants. Each visitor receives two identical thermal prints containing only:

- the date,
- the time,
- and their handwritten word.

One copy is kept as a personal trace. The second is freely attached to the tree, allowing the sculpture to evolve throughout the exhibition.

4. THE LIVING HEARTBEATING FOREST

Every heartbeat recorded since the opening of the exhibition becomes part of an evolving collective soundscape. Soft pulses of light travel through the branches. The installation appears to breathe. Individual rhythms gradually merge into one collective heartbeat, making the sculpture itself feel alive.

.

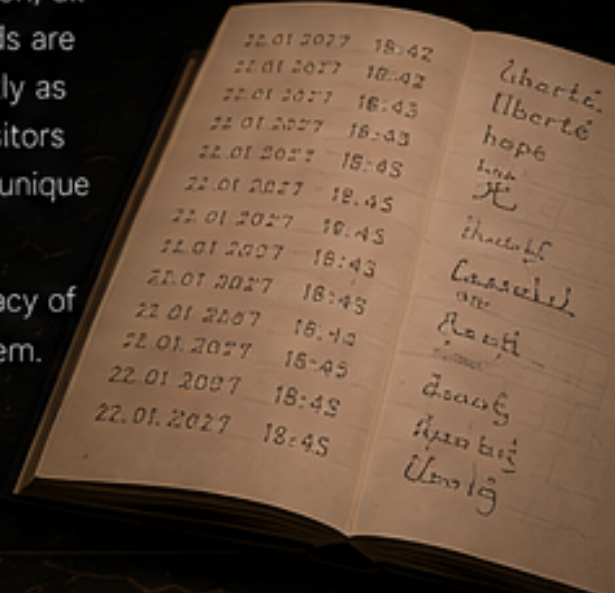
5. THE ABSOLUTE POEM

Every handwritten word is archived in its original language.

Nothing is corrected.
Nothing is translated.
Nothing is generated.

Over time, thousands of words accumulate into **The Absolute Poem**, a constantly evolving multilingual work authored collectively by all participants. It becomes both a living archive and a portrait of humanity through language.

	1. YOUR FUTURE LINE Write one handwritten word in your own language.
	2. YOUR TICKET Two identical tickets are printed with the date, time and your exact handwritten word.
	3. THE FIVING ARCHIVE One copy is kept by you, the other is added to the living forest.
6. THE FINAL ARCHIVE BOOK After the exhibition, all handwritten words are reproduced exactly as written by the visitors and bound into a unique large-scale book. A permanent legacy of The Absolute Poem.	



Conceptual Framework

THE ORIGIN proposes a form of collective rehumanization.

Through *theta* immersion, heartbeat observation and metacognitive attention, visitors reconnect with their own biological rhythm before creating, demonstrating that everyone is a creator and that creation is the expression of our humanity, because it's always a human subjectivation, an expression of our human inner, and original rhythms.

Their heartbeat becomes a line which becomes a word and then becomes part of a collective organism.

The installation transforms individual perception into collective consciousness through participation rather than prediction. It proposes an alternative relationship with technology: one in which technology amplifies human creativity instead of replacing it.

INSTALLATION COMPONENTS

The installation consists of:

- a vintage oscilloscope displaying the heartbeat as a living line;
- a Bluetooth pulse oximeter;
- immersive headphones playing a theta-based sound composition;
- an interactive tablet for handwritten input;
- a Bluetooth thermal printer producing two identical tickets;
- a monumental sculptural tree that visitors can enter;
- a dynamic sound and light system integrating all recorded heartbeats;
- The Absolute Poem, a growing digital archive of every handwritten word.

COMPONENTS

Real equipment, real interaction, real heartbeat.

1. VINTAGE OSCILLOSCOPE HAMEG HM203-2 (2 channels, 20 MHz)



Analog oscilloscope used to display the participant's heartbeat as a living line. The analog CRT screen preserves the materiality and authenticity of the signal.

TECHNICAL LINK:

https://www.rohde-schwarz.com/products/hameg-hm203-2_63493-0

2. HEART SENSOR WELLUE FS20F Bluetooth Fingertip Pulse Oximeter

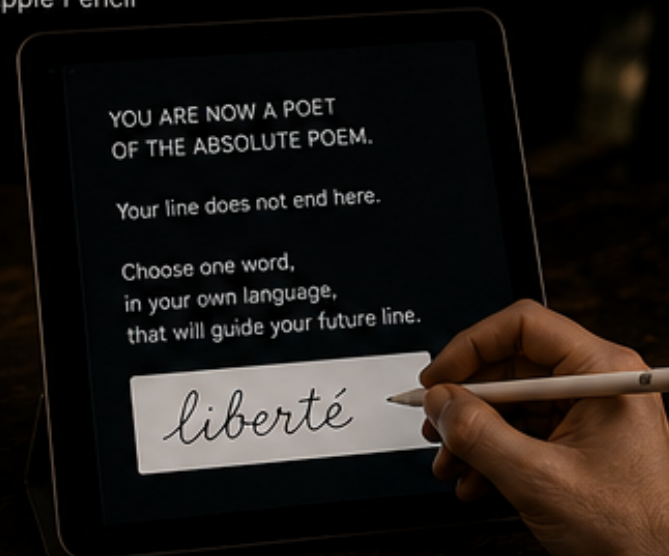


Real-time Bluetooth transmission of pulse rate and plethysmographic waveform to the system.

TECHNICAL LINK:

<https://www.wellue.com/products/fs20f-bluetooth-fingertip-pulse-oximeter>

3. INTERACTIVE INTERFACE iPad Pro 12.9" (6th generation) + Apple Pencil



Custom application developed in Python. Functions: data acquisition, instructions display, handwritten input, local database, ticket printing.

TECHNICAL LINK:

<https://www.apple.com/fr/ipad-pro/>

4. THERMAL PRINTER NETUM NT-P80 58mm Bluetooth Thermal Receipt Printer



Prints two identical tickets containing the date, time and handwritten word. One copy for the participant, one for the installation.

TECHNICAL LINK:

<https://www.netum.net/collections/thermal-printer/products/nt-p80>

5. HEADPHONES SONY WH-1000XM5 Wireless Noise Cancelling Headphones



One-minute immersive composition based on slow Theta rhythms.

TECHNICAL LINK:

<https://www.sony.fr/electronics/casques-audio/wh-1000xm5>

6. BLUETOOTH CONNECTION Python + Bleak Library

```
1 import asyncio
2 from bleak import BleakClient, BleakScanner
3 import struct
4
5 DEVICE_NAME = "FS20F"
6
7 async def run():
8     device = await BleakScanner.find_device_by_name(DEVICE_NAME)
9     async with BleakClient(device.address) as client:
10         await client.start_notify("0000fffd-0000-1000-8000-00005f9b34fb",
11                                 notification_handler)
12         await asyncio.sleep(60)
13
14 def notification_handler(sender, data):
15     bpm = struct.unpack_from("<H", data, 1)[0]
16     spo2 = struct.unpack_from("<H", data, 3)[0]
17     print(f"BPM: {bpm} SpO2: {spo2}")
18
19 asyncio.run(run())
```

Real-time data acquisition from the pulse oximeter via Bluetooth Low Energy using Python and Bleak.

TECHNICAL LINK:

<https://bleak.readthedocs.io/en/latest/>

7. DATABASE SQLite Local Database

id	datetime	word	language	bpm
2157	22.01.2027 18:42:03	liberté	fr	72
2158	22.01.2027 18:43:11	amore	it	68
2159	22.01.2027 18:43:45	amré	ar	75
2160	22.01.2027 18:44:10	hurriya	ar	71
2161	22.01.2027 18:44:38	love	en	74
2162	22.01.2027 18:45:02	pace	it	69
...	...			

All words and heartbeats are stored locally in an SQLite database and synchronized to cloud backup (optional).

TECHNICAL LINK:

<https://www.aqlite.org/index.html>

8. LIGHT & SOUND SYSTEM Custom Integration



Collective heartbeat data drives a dynamic sound composition and subtle light pulses throughout the installation.

TECHNICAL LINK:

<https://www.arduino.cc/> / <https://processing.org/>

CLOSING STATEMENT

THE ORIGIN invites visitors to reconnect with humanity's lifeline. Each participant leaves behind more than a memory. They leave a heartbeat. A word. A trace. A fragment of a collective poem that continues to grow long after they have left.

They reconnect with humanity's lifeline.