From the Abstract space: The Yellow Film, Black & White, The Blue Film, and The Red Film, 2023-2025. Artificial intelligence, interactive, immersive and nonlinear narrative to the rhythm of electronic music.

by Chiara Passa.

The Yellow Film (2023), along with The Blue, The Red, and Black & White, forms a quadrilogy of abstract and interactive films I created using ChatGPT APIs, Ollama, Python, and various sensors. The project is deeply rooted in a psychedelic, yellow-hued abstract film I created in 2001.
The four artworks superimpose minimalist, imaginary environments onto the real world, to the rhythm of four different electronic music and sound effects, blurring the boundaries between virtual and physical perception.

The Yellow Film invites audience interaction through a series of letter envelopes containing front-and-back clues. When a viewer places an envelope on the table, the film recognizes the clue, dynamically reshaping the narrative. This process redirects and remixes the storyline, transforming it into a nonlinear, ever-evolving cinematic experience. Set to suspense, the soundscape likely amplifies the psychological engagement enhancing the tension and immersiveness of the experience.

The abstract narrative unfolds through shadows that generate shifting geometric volumes, extrusions of primitive silhouettes that morph based on the light source's direction. With each interaction, a new and unpredictable visual space emerges, oscillating between the tangible and the digital, offering viewers a vibrant, evolving experience.
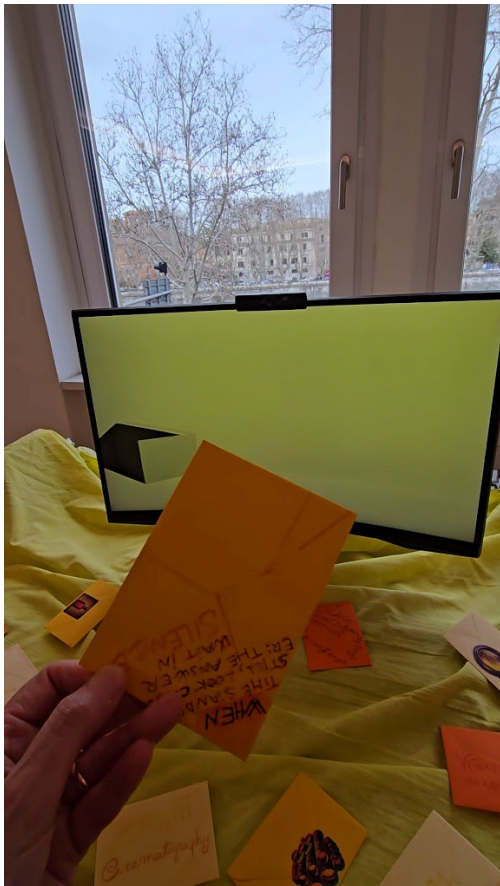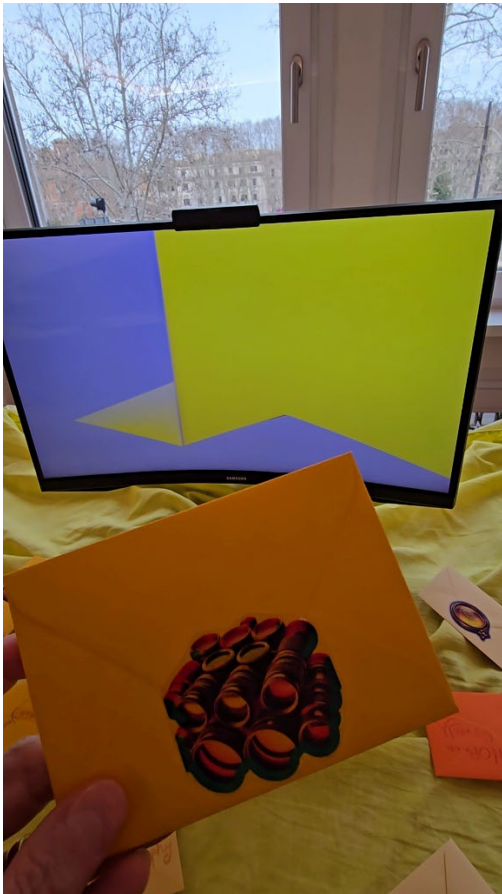
Video sneak-peek: https://youtu.be/7-0HSa2a0j4
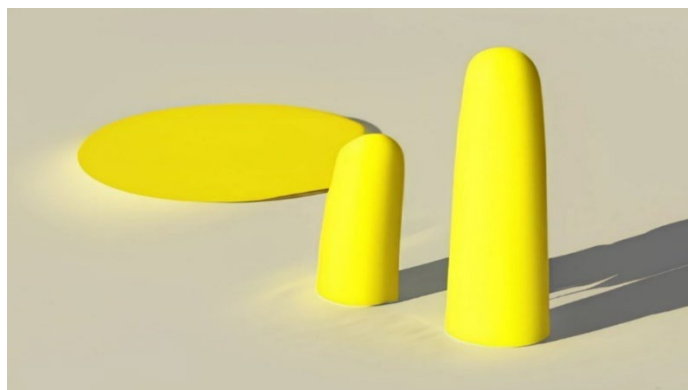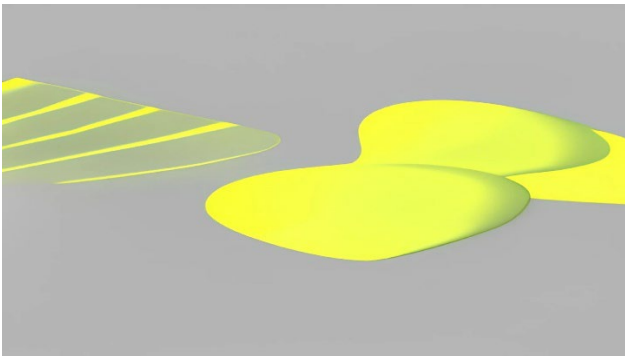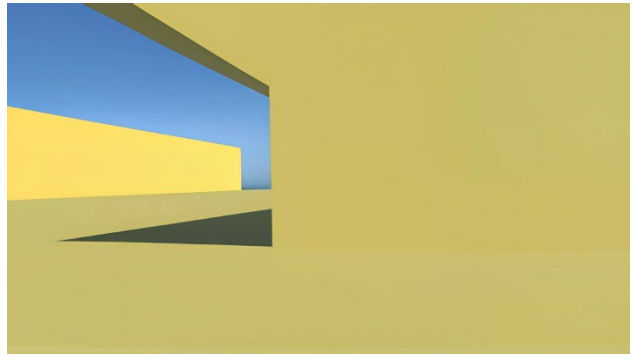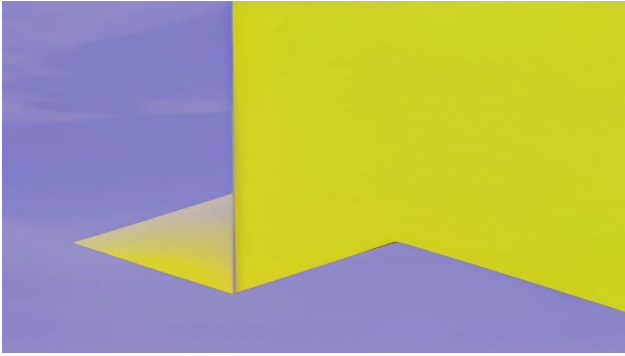
Stills form the AI interactive animation.
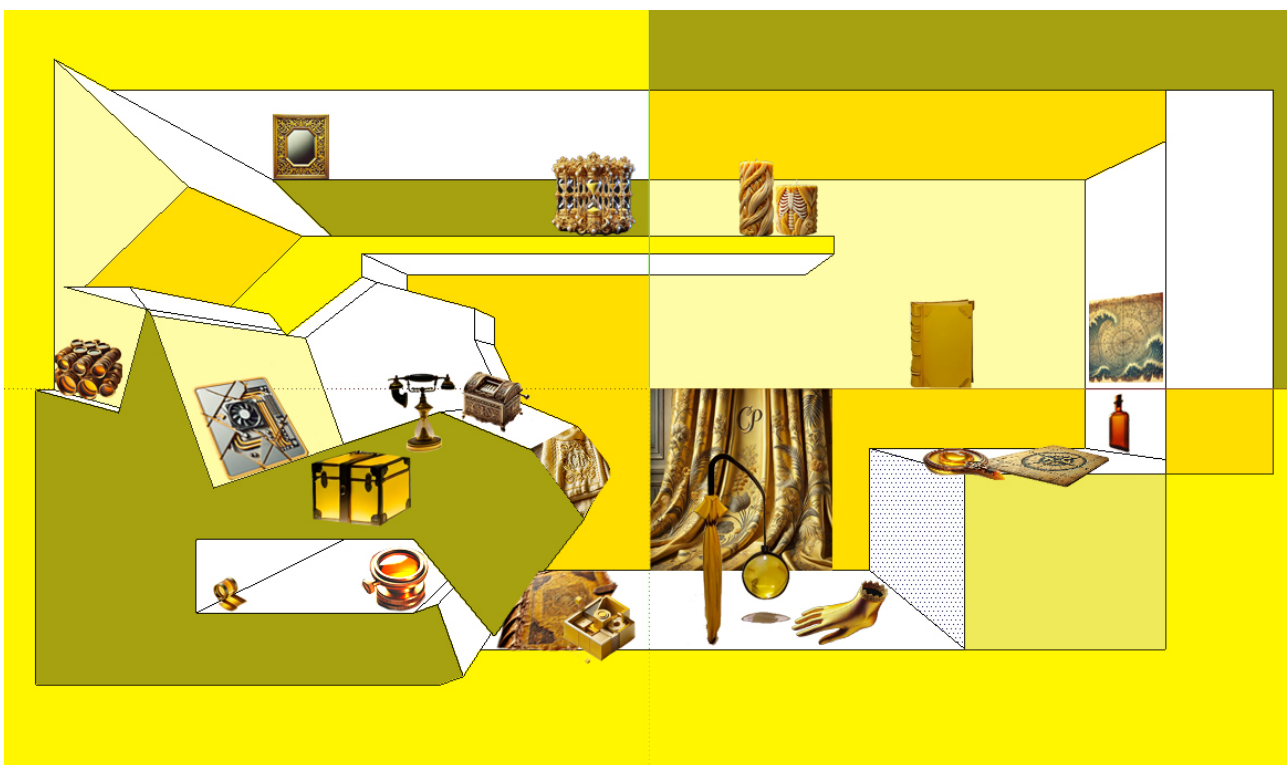
Sketches containing clues objects on shelves.
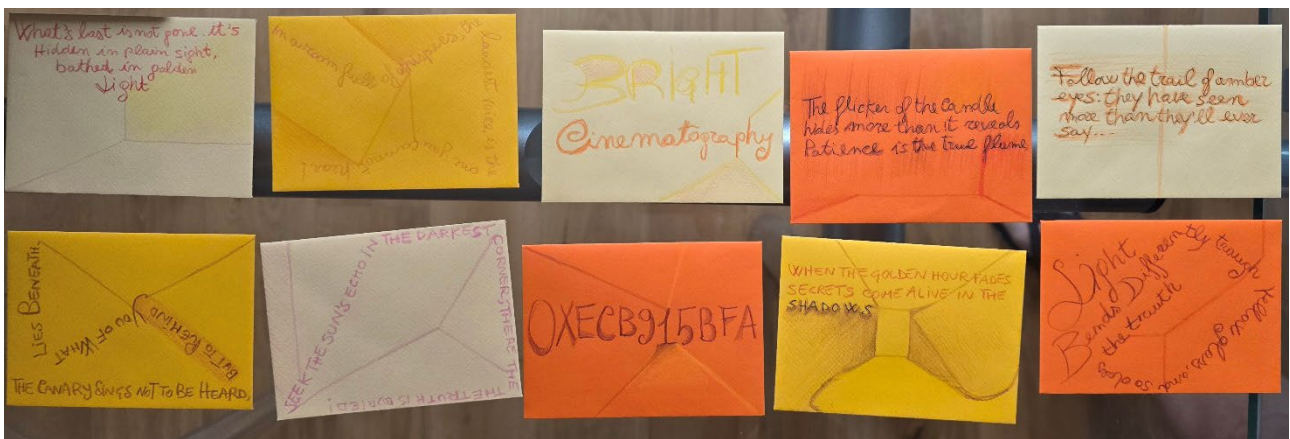
interactive letters working on my PC

A bit of making of …

Some interactive Letter-envelops with phrase and clues.

To realize the Yellow Film:

- 1 digital video projectors and related wall or panel.
- 1 (mini cheap) PC with the free VLC video-browser installed (MANDATORY). example: https://www.amazon.it/dp/B0C1GV3QK8?tag=ggIds-21&linkCode=ogi&th=1&ascsubtag=OKV9lZqCSwXRQvnCTH8kgAZEnGpUPnVkqoTyXyvPjfqHsNlh7gw9hJuLPTyHoUXEtd4KcX5rfZaLBPwMqxj6YTL9He
- 1 uTrust 3700 F - NFC Reader/Writer https://www.shopnfc.com/it/lettori-e-scrittori-nfc/212-utrust-3700-f-nfc-writer.html (MANDATORY, MUST BE THIS).

**From the Abstract space: The Black & White film 2023.**

The Black & White film, along with The Blue, The Red, and the Yellow, forms a quadrilogy of abstract and interactive films I created using ChatGPT APIs, Ollama, Python, and various sensors.

Set to minimalist music, The Black & White film invites audience interaction through a series of geometric tangible objects. When a viewer places an object on the abstract table, the film recognizes it and dynamically reshapes the narrative and the geometry. This process redirects and remixes the storyline, transforming it into a nonlinear, ever-evolving interactive experience.
Both the Yellow and the Black & White films explore the theme of object-oriented ontology by speculating on a designed object-oriented-software-space.

Video sneak-peek:
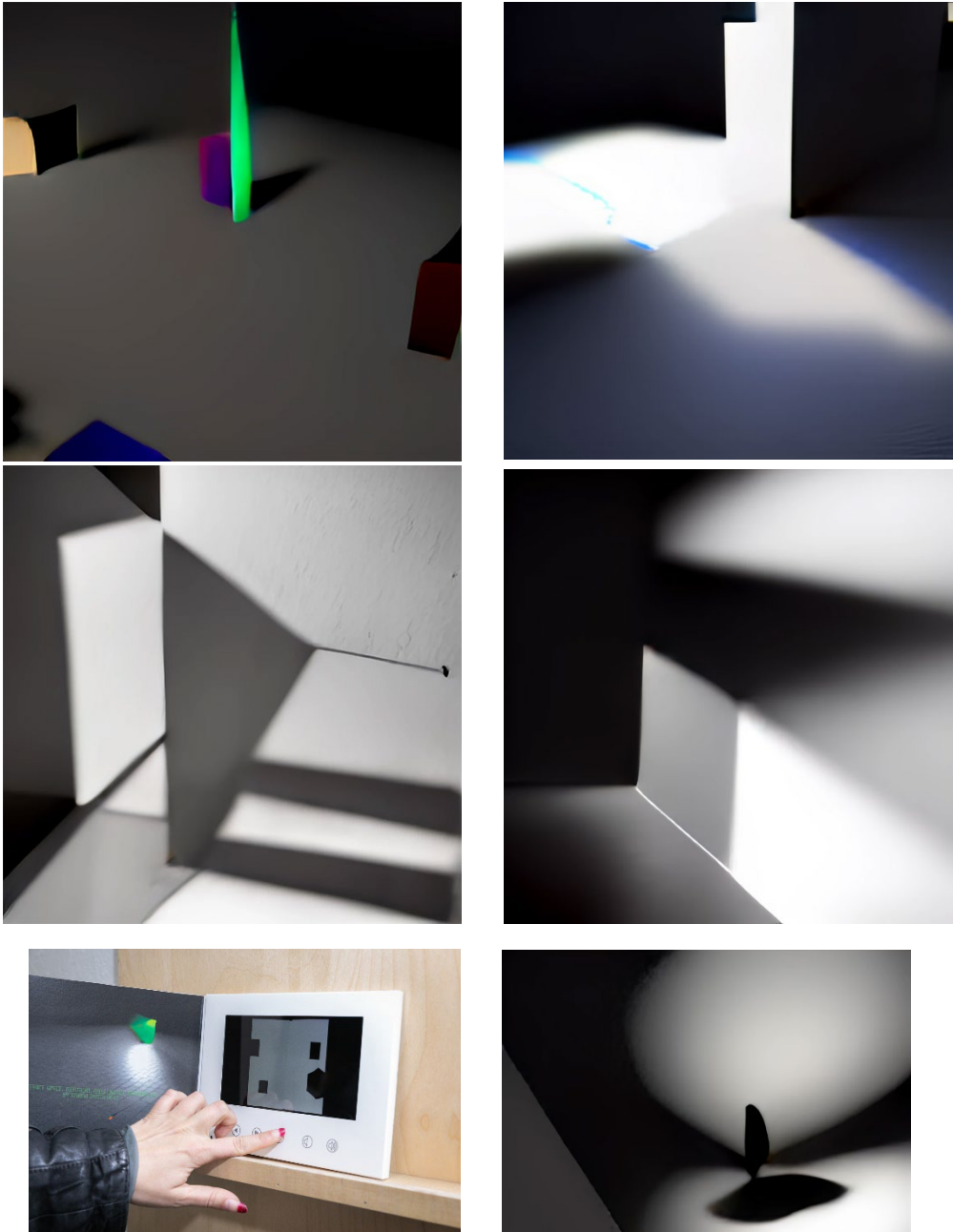
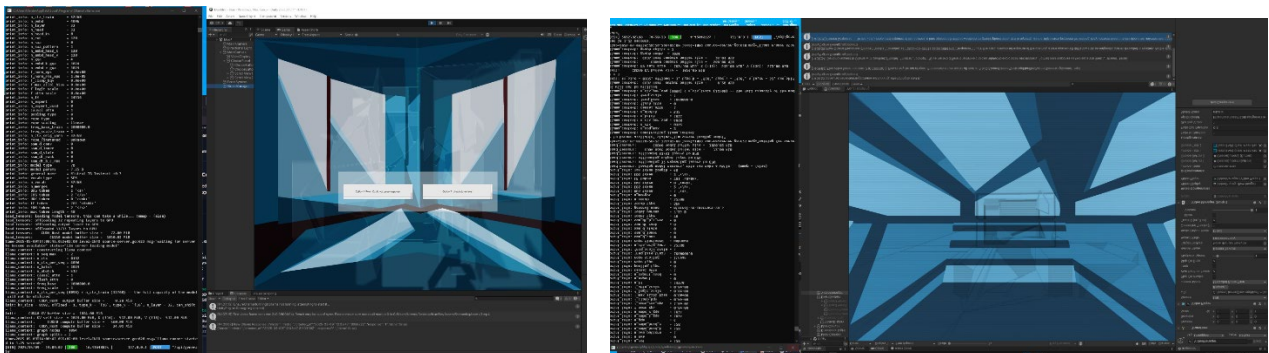*screenshoots taken from the AI artwork.*

To realize the Black & White film:

- 1 digital video projectors and related wall or panel.
- 1 (mini cheap) PC with the free VLC video-browser installed (MANDATORY). example:
https://www.amazon.it/dp/B0C1GV3QK8?tag=gglds-
21&linkCode=ogi&th=1&ascsubtag=OKV9lZqCSwXRQvnCTH8kgAZEnGpUPnVkqoTyXyv
PjfqHsNlh7gw9hJuLPTyHoUXEtd4KcX5rfZaLBPwMqxj6YTL9He
- 1 uTrust 3700 F - NFC Reader/Writer https://www.shopnfc.com/it/lettori-e-scrittori-
nfc/212-utrust-3700-f-nfc-writer.html (MANDATORY, MUST BE THIS).
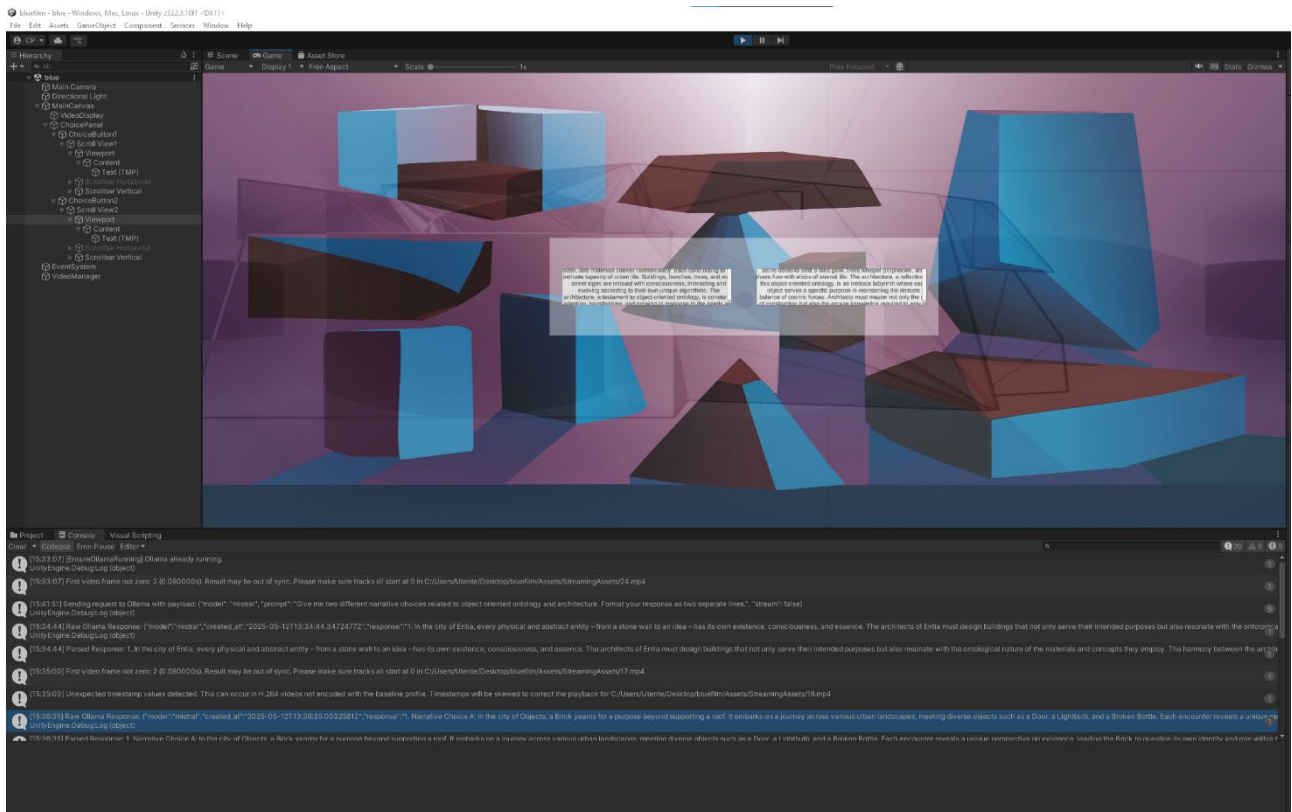
From the Abstract space: The Blue film, 2024-2025. is an interactive video installation
(part of the quadriology of films using artificial intelligence and interactive nonlinear
narrative) that dynamically blends visual storytelling with generative narratives. The
artwork presents a series of N random video clips, each accompanied by two narrative
choices generated in real-time by a local AI model, Ollama. Viewers engage with the
installation by choosing between these options, shaping the narrative flow as they
progress. The experience explores themes of object-oriented ontology and architecture
related to quantum and entanglement, inviting participants to navigate through an evolving
world where their decisions reshape the story. The Blue and the Red films are deeply
interconnected and mutually reactive. In fact, every time the viewer interacts with the Blue
Film, the film entangles with the Red Film. Visually, fragments or entire frames of the Red
Film appear within the Blue Film - and vice versa.
These interwoven elements are sometimes rendered at micro or macro scale, and are
generated randomly, echoing quantum principles and making each experience uniquely
unpredictable. The minimalist visual design and abstract audio-visual environment
emphasize a dreamlike, contemplative experience.

Video sneak-peek https://youtu.be/nceMoJWByXw and https://youtu.be/oATJnxiHvkY

Screenshots taken form unity and OllamaServe AI.
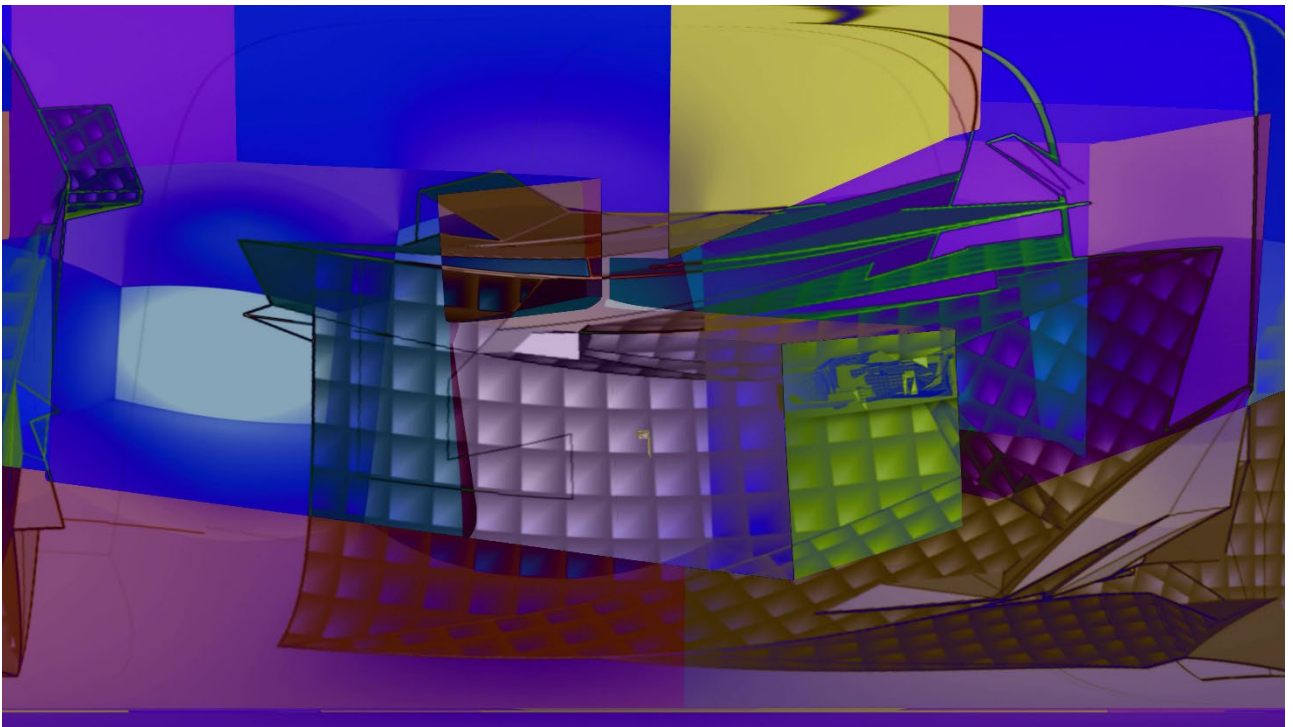
Screenshots taken form unity and OllamaServe AI.

Option 1: 1. Quantum entanglement binds digital atoms within the minimalist web, shaping a micro-architecture of time and space.

Option 2: 2. In the grand macro-scale, ooo architecture pulsates with quantum resonance, echoing through the digital realm like a endless, ever-expanding sculpture in the stream of time.
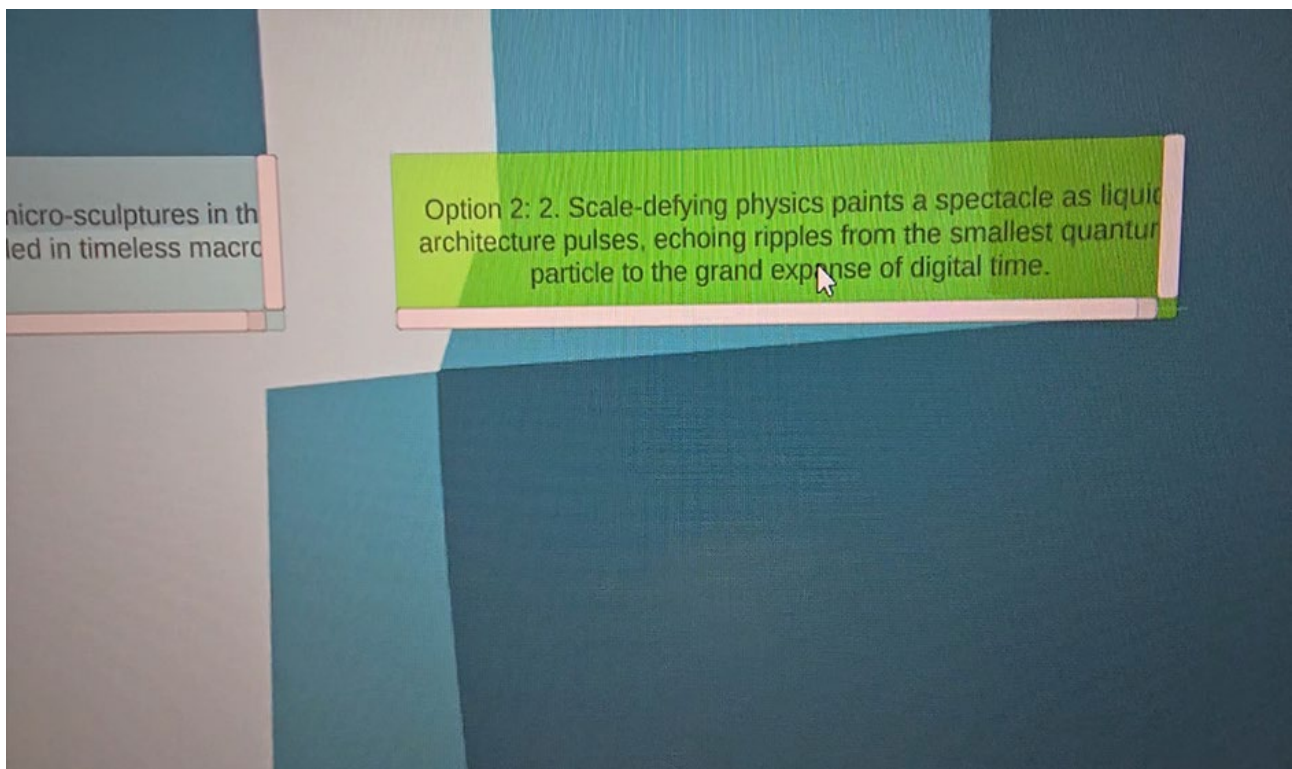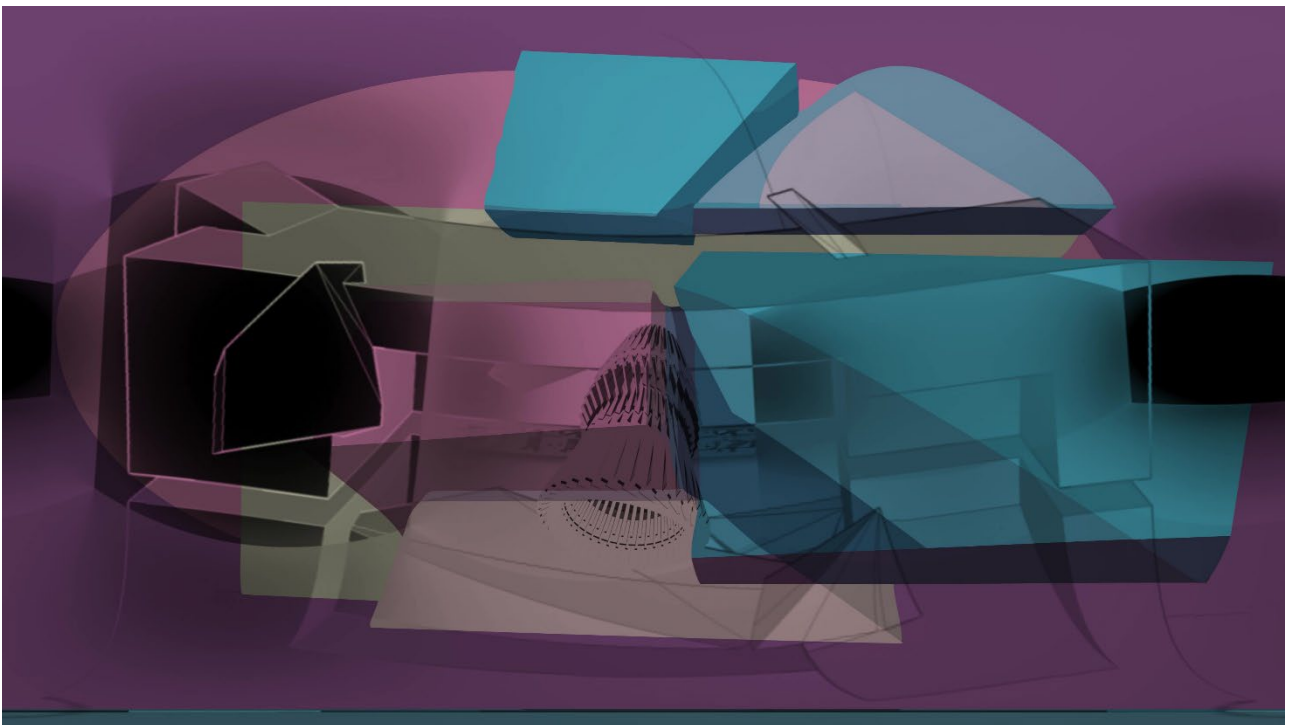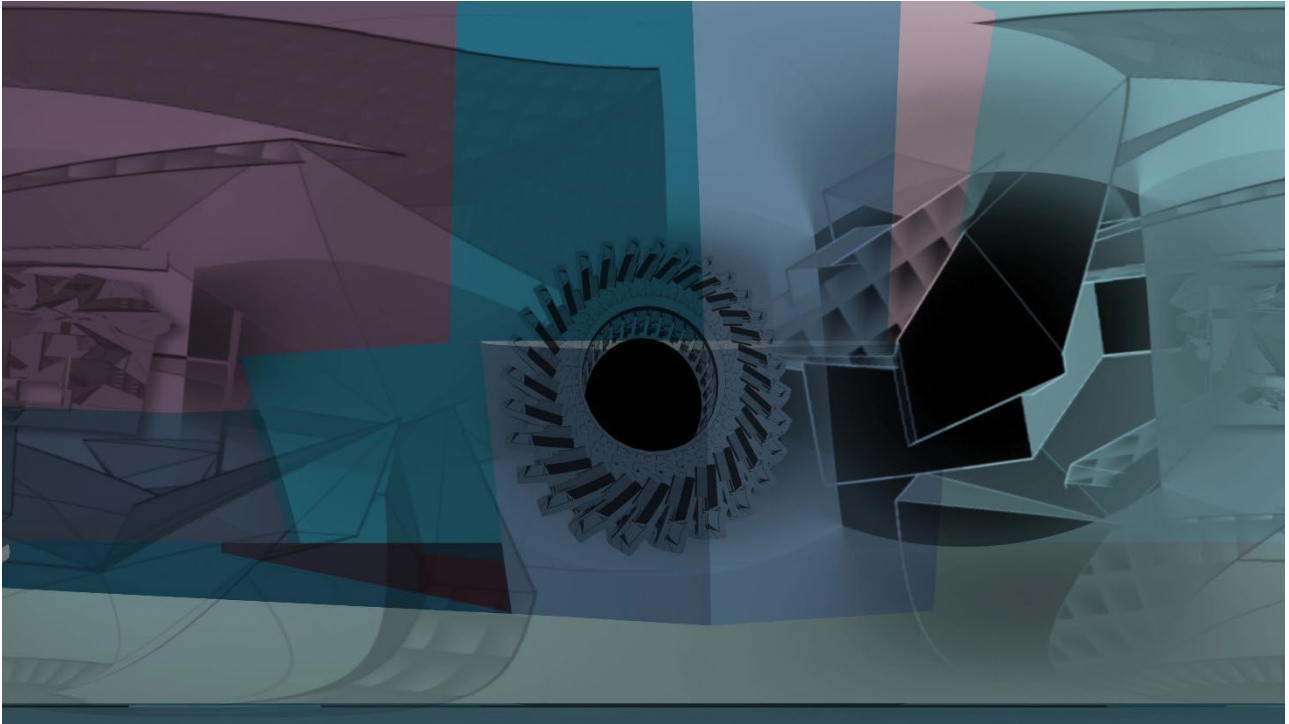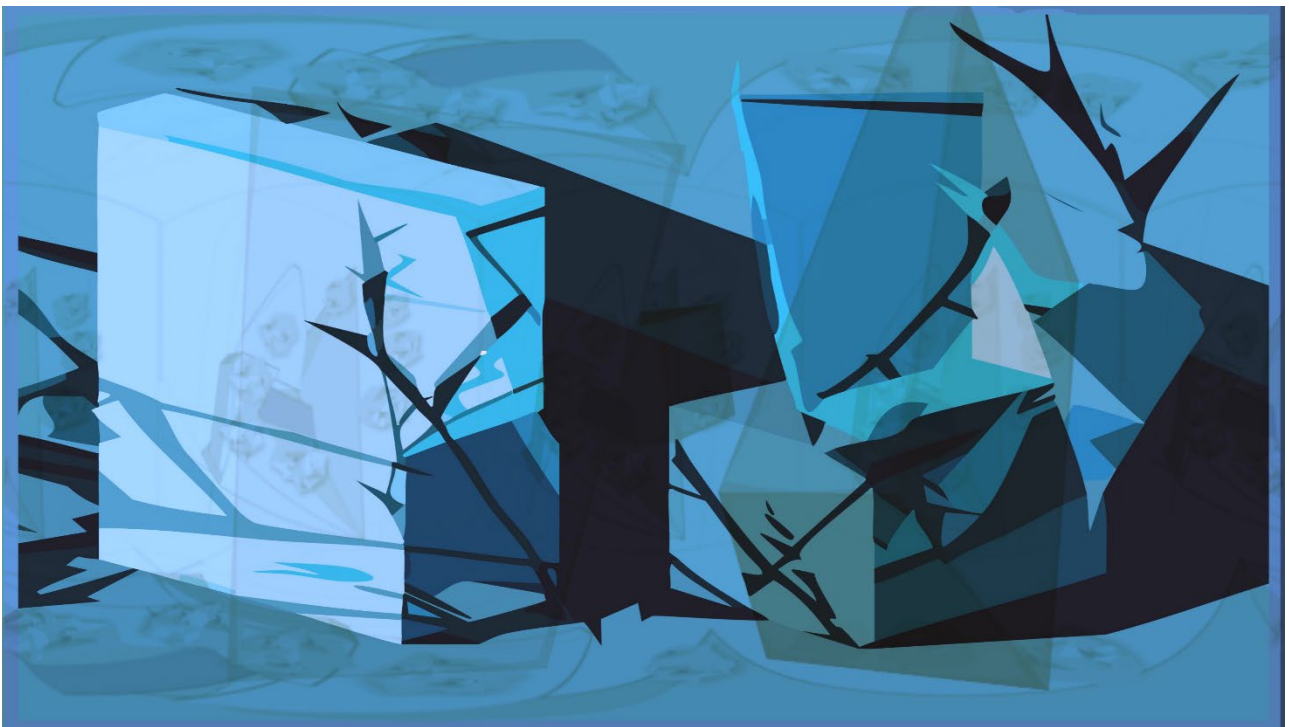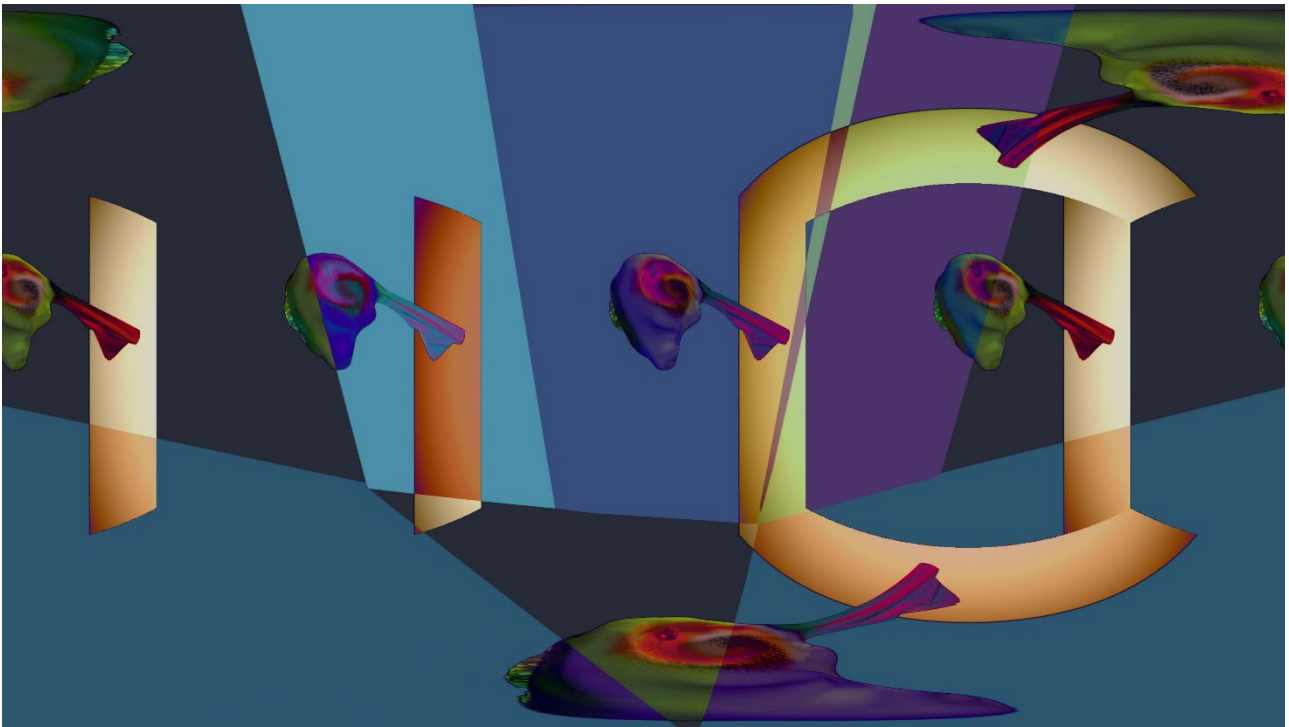
Screenshots taken form the running AI animations.

To realize the Blue Film:

- 1 digital video projectors and related wall or panel.
- 1 (mini cheap) PC with keyboard and the free OllamaServe installed (MANDATORY). PC example: https://www.amazon.it/dp/B0C1GV3QK8?tag=gglds-21&linkCode=ogi&th=1&ascsubtag=OKV9lZqCSwXRQvnCTH8kgAZEnGpUPnVkqoTyXyvPjfqHsNlh7gw9hJuLPTyHoUXEtd4KcX5rfZaLBPwMqxj6YTL9He
Ollama: https://ollama.com/download/windows

From the Abstract Space: The Red Film (2025)
Part of a quadrilogy series exploring AI-driven, interactive nonlinear narratives, The Red Film is an immersive and interactive video installation that merges algorithmic storytelling with abstract visual language. The film presents a continuously evolving sequence of red-hued video scenes. At each juncture, the viewer is offered two real-time narrative paths, generated by a local AI model (Ollama), allowing them to shape the film's progression through intuitive choices.
Where the Blue Film explores architectural logic and formal structures, The Red Film constructs a field of affective tension, where viewer choices bring hidden volumes of emotion and rhythm to the surface. While the geometries feel formal and abstract, they also pulse with pressure, suggesting friction, latency, and a kind of ontological heat. Light

doesn't just illuminate; it presses, pulls, and folds space around the viewer.
The Red and the Blue films are deeply interconnected and mutually reactive. In fact, every time the viewer interacts with the Red Film, the film entangles with the Blue. Visually, fragments or entire frames of the Blue Film appear within the Red Film - and vice versa. These interwoven elements are sometimes rendered at micro or macro scale, and are generated randomly, echoing quantum principles and making each experience uniquely unpredictable.

Link video sneak-peek: https://youtu.be/bFZFggrQUeA and https://youtu.be/oATJnxiHvkY
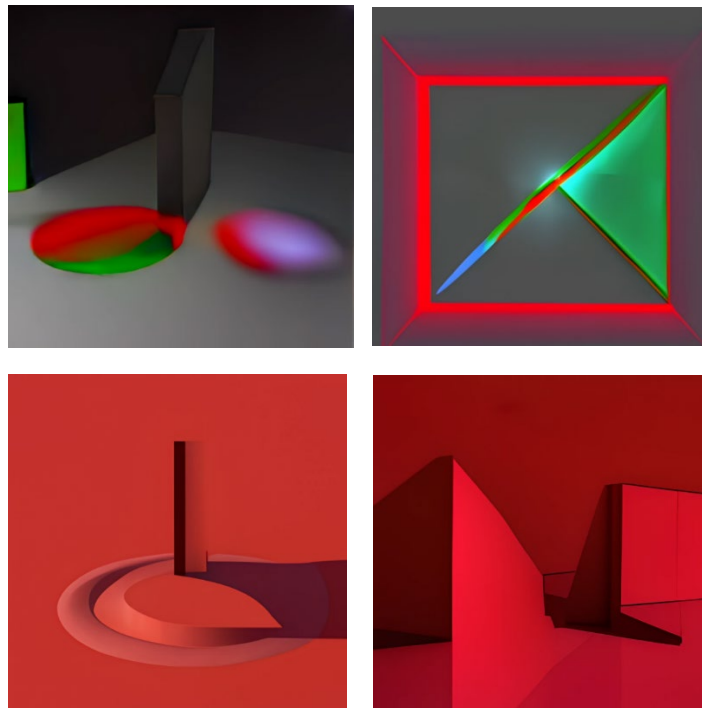
screenshoots taken from the AI animation.

Option 1: 1. In the vibrant, uninhabited expanse of data streams, towering, pulsating structure of pure thought echoed, its digital walls resonating with an ethereal hum.

Option 2: 2. Within the immersive, red-lit labyrinthine void, geometric forms danced in silent symphony, their ephemeral sculptures whispering tales of abstract existence to the listener cosmos.

SAMSUNG

Option 1: 1. In the digital realm, pixels dance timelessly, intertwining and unraveling like minimalist sculptures in an eternal ODO ballet.

Option 2: 2. Within the virtual expanse, architecture emerges not for human habitation, but as a testament to the eternal dance of the real amidst the digital temporal shift.

Option 1: 1. In the digital dusk, pixels whispered tales of epheme minimalist sculptures, echoing the silence in the OOO architect.

Option 2: 2. Time, a non-human entity, etched its presence on th digital monument, a testament to the resilience of speculative realism's immaterial structures.

To realize the Red Film:

- 1 digital video projectors and related wall or panel.
- 1 (mini cheap) PC with keyboard and the free OllamaServe installed (MANDATORY). PC example: https://www.amazon.it/dp/B0C1GV3QK8?tag=gglds-21&linkCode=ogi&th=1&ascsubtag=OKV9lZqCSwXRQvnCTH8kgAZEnGpUPnVkqoTyXyvPjfqHsNlh7gw9hJuLPTyHoUXEtd4KcX5rfZaLBPwMqxj6YTL9He
Ollama: https://ollama.com/download/windows

In a few words: The four interactive Films are an innovative fusion of minimalism, abstraction, electronic music and interactivity, creating an object-oriented cinematic experience that is both structured and fluid, and exists somewhere between film, sculpture, and game.

 In *The Yellow Film*, viewers manipulate many interactive letters to remix the storyline to the rhythm of electronic suspense music. *The Black and White Film* features diverse interactive objects, allowing participants to influence the sequence of events to the rhythm of minimalist electronic music. *The Blue Film* incorporates interactive AI prompts, guiding the experience dynamically thru the rhythm of wired remixed sound effects and *The Red Film* uses color-based interactions to redirect the narrative flow and dimensions accompanied by a soft and sensual electronic music.

Together, these four films (2023-2025), create a multisensory exploration of interactive storytelling and audience-driven narratives.

Immersive installation with the 4 abstract films projected on big walls creating liminal spaces and dimensions.