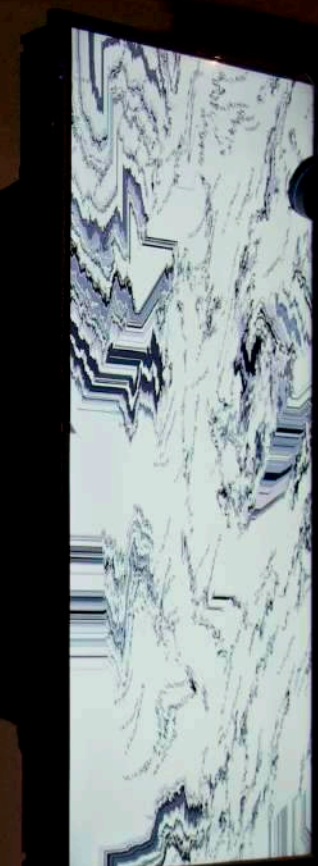
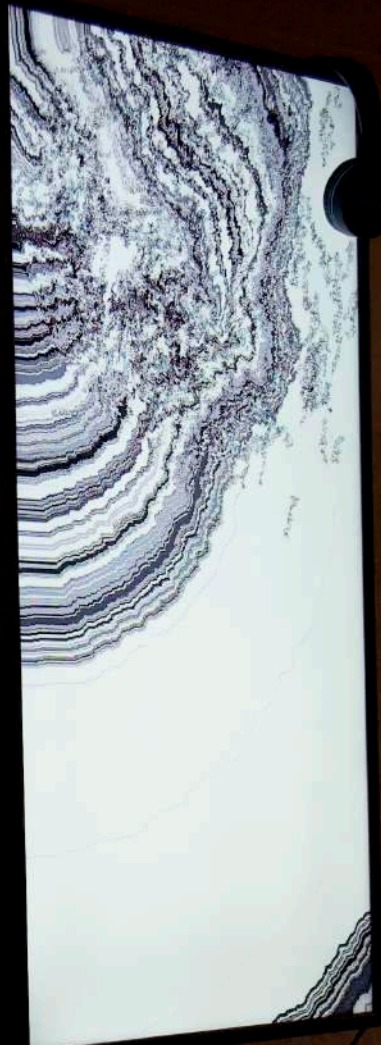
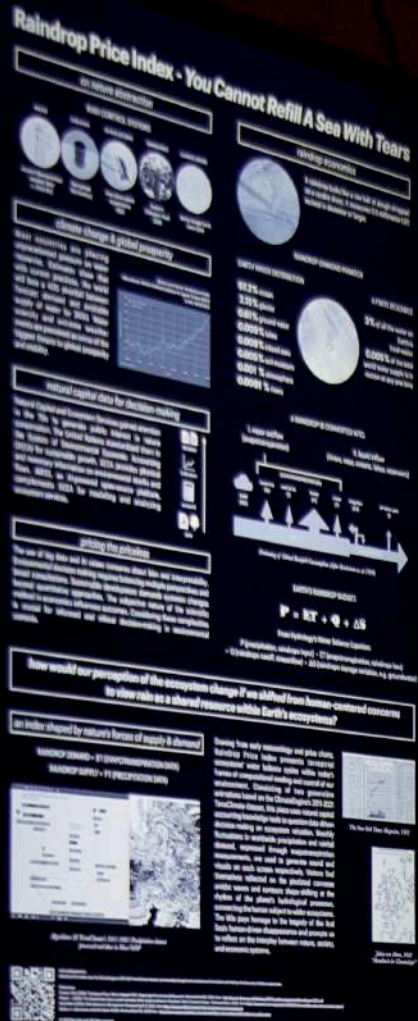




Raindrop Price Index - You Cannot Refill A Sea With Tears
Ars Electronica Festival 2023, Linz (AT)



Raindrop Price Index - You Cannot Refill A Sea With Tears

audiovisual installation
+ 'raindrop economics' poster, 2023

Demo [link](#)

Drawing from early meteorology and price charts, Raindrop Price Index presents terrestrial ecosystems' water balance cycles within today's frames of computational reading and control of our environment.

Consisting of two generative animations based on the ClimateEngine's 2011-2021 TerraClimate dataset, this piece uses natural capital accounting knowledge tools to question data-driven decision-making on ecosystem valuation. It takes the traditional economic model of supply and demand as starting point, interpreting the framework from the perspective of terrestrial ecosystems as major consumers of rain.

Monthly fluctuations in worldwide precipitation and rainfall demand, expressed through evapotranspiration measurements, are used to generate sound and visuals. Visitors encounter two pixelated canvases where algorithmically-generated waves and contours shape-shift at the rhythm of the planet's rain consumption patterns.

By framing data to visually reference early meteorology and price charts, this piece draws attention to the process of observation of natural phenomena to challenge anthropocentric views of events beyond human reach and highlight the subjective nature of the scientific method applied in the field of economics.

The title pays homage to the tragedy of the Aral Sea's human-driven disappearance and prompts to reflect on the interplay between nature, society, and economic systems.”



Tomato Propaganda
Pierre Dimitry Meka & Maria Orciuoli
installation view a
2022-2023

Tomato Propaganda

- The Self-Destructing Contract

board game, metal manual press, tomato can
with propaganda sticker,
130 x recycled cork tokens, scenario cards
print on recycled paper, PE-LD bags, metal
12-sided die, monitors, documentation
videos (HD, color, sound, English and
Italian dialogues with English subtitles)
2023

2 min trailer [link](#)

keywords: caporalato system, southern italy tomato supply chain,
price bidding game, labor, human rights, migration, social and
environmental sustainability

Tomato Propaganda uses game theory and the practice of self-education to study the Italian tomato supply chain, and create a framework for investigating its political, social and cultural implications. Consisting of fragments of activists' testimonies, journalists' reports, juridical literature, informal narratives, imageries and visual elements, it uses play as a social practice and form of pedagogical critique to promote critical thinking of market governance systems, as well as highlight the interconnectedness of food supply chains and consumers' choices.

In Italy, the third-largest tomato producer globally, migrant workers are still facing exploitation due to illegal 'gangmasters' known as caporale. The demand for seasonal labor in southern Italy attracts vulnerable economic migrants who are often recruited by the caporale and subjected to illegal wages, poor working conditions, lack of contracts, and forced labor. To address these challenges, processors, retailers, and consumers can take important actions to support the fight against exploitation in the Italian tomato supply chain. This includes committing to fair pricing that reflects the actual costs of production and raising awareness around labor rights and ethical practices through training.



Board game kit: manual press, recycled cork tokens,
tomato can with 'tomato propaganda' paper label, 12-sided metal dice

TOMATO PROPAGANDA



The Self-destructing Contract

I am a tomato can! One made in southern Italy and exported all over the world. Despite my uniqueness, I am in danger of disappearing, being expelled by production system in which the **Farmers' Organizations** fail to organize themselves to counterbalance the **Large-scale Retailers**, thus leaving the latter with the power to impose low prices. Through **online reverse auctions** using the **double-drop price mechanism**, Large-scale Retailers force the Tomato Processing Industry and the Farmers to compress costs. This system effectively **crushes the supply chain**, making it **environmentally** and **socially unsustainable**

and favoring the persistence of the phenomenon of **Caporalato**—illegal intermediation and exploitation of migrant and Italian workers in the tomato fields. Politically neglected for decades, the Caporalato was made illegal by the Italian government in 2016 (Law of October 29, 2016, n. 199). On November 4, 2021, the Italian Council of Ministers approved the Legislative Decree EU (**DL No. 198**) implementing the European Directive on unfair B2B commercial practices, which includes a **ban** on the purchase of agricultural products through **electronic reverse**

auctions at a **discount price**. The issues reported by farmers, field laborers and activists persist. However, as the DL No. 198 came into force on December 15, 2021, it is still early to know if it has brought fairness along the supply chain. Consumers' purchasing power can make a difference. However, how can consumers recognize a fair price of a tomato can on supermarkets' shelves? One which reflects the work of the field laborers, the farmers, and the processing industry?



video still

Interview with Pierre Dimitri Meka, a friend, activist and cultural mediator within the program **Su.Pr.Eme Italy** funded by the Emergency Funds (AP2019) of the European Commission - DG Migration and Home Affairs, to combat labor exploitation in agriculture and the Caporalato; Dimitry arrived in Italy via boat 7 years ago and currently works as cultural mediator at the Italian General Confederation of Labour (CGIL) of the cities of Salerno and Avellino.

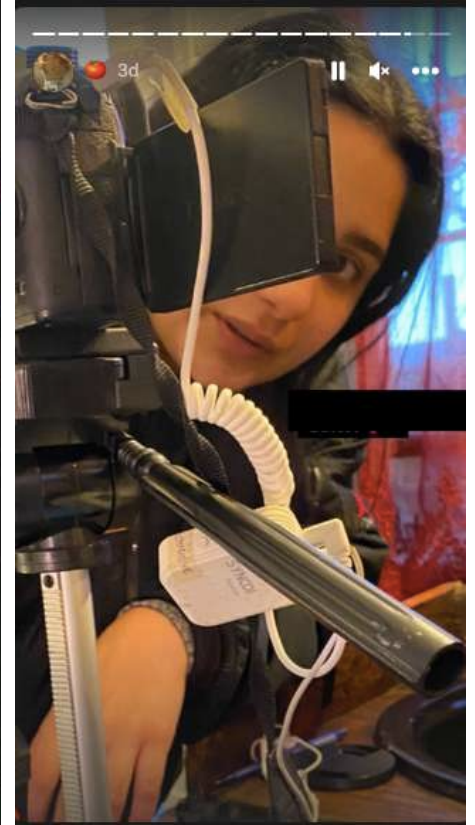
In 2023, Tomato Propaganda was taken to a local supermarket in the municipality of Montoro where visitors and employees were invited to play and question ideas around the price of a tomato can through conversations. At the heart of the interactive experience lied a manual press, a tomato tin, cork tokens, a tinned 12-sided die, and PE-LD-sealed scenario cards inspired by 2021-2023 news headlines on commodities markets and factors affecting their price volatility. The play took the form of a win-win/lose-lose price bidding game, designed for three to ten players to participate. Within this scenario, there is a seller and multiple consumers, all engaged in a quest to find a price balance that prevents the tomato tin from being crushed under the manual press. The objective is to arrive at a price point that is affordable for all consumers players and allowed the seller to make a profit. Once this equilibrium is achieved, all participants can collectively partake in "cooking" the tomato can.

Tomato Propaganda was consolidated in an installation using film, graphics, documents, materials and objects as forms of activation, dissemination and reflection. Conceptually, Tomato Propaganda is a statement – that people can set up alternative narratives to reclaim economics as a means to discuss the complexities of inequality and social change.

Camera: Ilenia Orciuoli (Oracma Studio)
Interviewees: Pierre Dimitri Meka (CGL Avellino),
Assunta Longanella (CONAD Montoro)
Featured game participants: Monica Basso, Antonio
De Stefano, Maria Orciuoli
Manual press manufacturing: Filippo Orciuoli
Direction, production: Maria Orciuoli

The term "self-destructing contract," as featured on the game's tomato can label, originates from a passage within the 2016 document titled "Spolpati," co-authored by Fabio Ciconte (an activist and director of the Terra! Nonprofit organization, also serving as a spokesperson for the #FilieraSporca Campaign) and journalist Stefano Liberti. Our gratitude to the dedicated staff of CONAD Montoro for their trust.





Debris After Memory (An Old Argument)

video, 2022-2023

4:12 min, digital video (1920 × 1080, HD), color,
sound (stereo / no dialogues)

[Link to video](#)

Keywords: agential realism, human development, scale, post-phenomenology, built environment

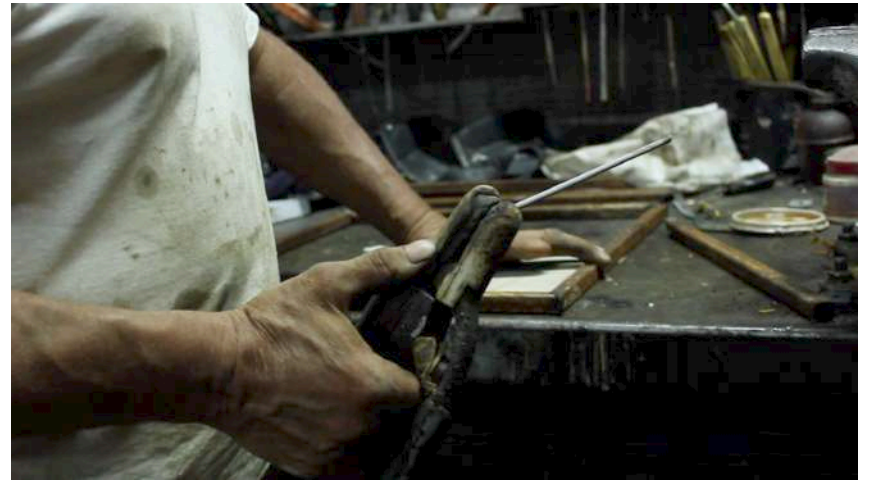
Drifting between post-phenomenology studies and artistic research, this audio-visual short uses agential realism to approach thinking with, through, and about the built environment. Following Karen Barad's dedication to diffraction as a form of critique, it superposes various camera choreographies in the longing that their consonances and dissonances can stimulate novel ways of engaging with and perceiving the built environment as a cultural and material agent. It takes from the intertwined physical and metaphysical curiosities that characterize Barad's work, proposing an engagement with the temporal and spatial (dis)continuities that matter helps to understand.

Enormous amounts of materials and energy are embedded in the built environment. As our technological systems scale up, can they bring configurations that are regenerative by design? What if we understood our reality to be much more bound up and reactive to our perceptions and intentions - shifting at levels and in ways that were not entirely predictable? How can this build up our confidence in making a change?

Filmed using the handheld camera technique, the audio-visual narrative explore possibilities of shifts in perspectives through the reconfiguration of relations of scale, exteriority, and connectivity. In a post-phenomenological sense, what is produced by the video camera is an immediate and live 'taking in' of the world shaped by the technical/perceptual apparatus of the camera – just as the human nervous system shapes the visions that seem to 'hit' the eye.

Shot on a family-run workshop in Southern Italy, this piece is a commentary on the idea of scale and human development within the context of the global energy crisis amid supply chain shortages and the rising costs of raw materials.

Debris After Memory (An Old Argument)
video stills



Debris After Memory (An Old Argument)

site-specific installation,
construction dump in solofra (italy)
2023

oxidized-iron scaffolding frame (2 meters high, 4
meters long connected to Innocenti Tubes through
orthogonal joints), copper electrical wires,
electronics, steel pipes of varying length, plumbing
systems' tubes in zinc-plated iron of varying length,
black polyethylene pipes for aqueducts and
distribution of water for human consumption,
rainwater harvested in a plastic bucket, glass
screen, cement bricks, structural clay tile blocks,
industrial fencing mesh in polypropylene, paper-print
energy bills, standard wooden pallet, electricity

I often hear questions about assessing the environmental impact of A versus B answered with a standard metric (usually in the quantity of carbon released). My father has been working in the construction sector for over four decades. I asked him if there is an environmental impact index out there that encompasses multiple metrics at once, what are the steps to take during an Environmental Impact Assessment (EIA) and if it's possible to trace the footprint of a construction work. While EIA procedures are established in many countries, there is considerable soul-searching about how effective it is and whether EIA is achieving its purposes (especially if EIA stakeholders aren't reading from the same script).

This is an intervention I did in my father's workshop area, while thinking about these things. The sculpture attempts to take in materials and resources that are used in the built environment. These materials are tied to “human development concepts”, including land ownership, security, and entrepreneurship among others. It consists of a metallic scaffold with a tube-and-joint system, introduced and patented in 1935 by Italian inventor and entrepreneur Ferdinando Innocenti (1891 - 1966), and widely used today. The iron pipes have been rusting outdoor for nearly twenty years and re-assembled to form the type of temporary scaffolding used to support a work crew and materials in the construction, demolishing, and maintenance of human-made structures in the built environment. This temporary entity attempts to count its components' environmental impact (an abstract concept, potentially unmeasurable) by looping a video memory of its components' debris and the surrounding area.



Debris After Memory (An Old Argument)
installation view on 03.01.2023

RZ Piscium is an Insatiable Eater of Worlds

2019-2022

interactive video installation

One-channel video (7 min, digital, color, sound, no dialogues), gelatin-free gummy candies, recycled metal chair and side-table, microcontroller, car seat' safety belt sensor

Interaction [video](#)

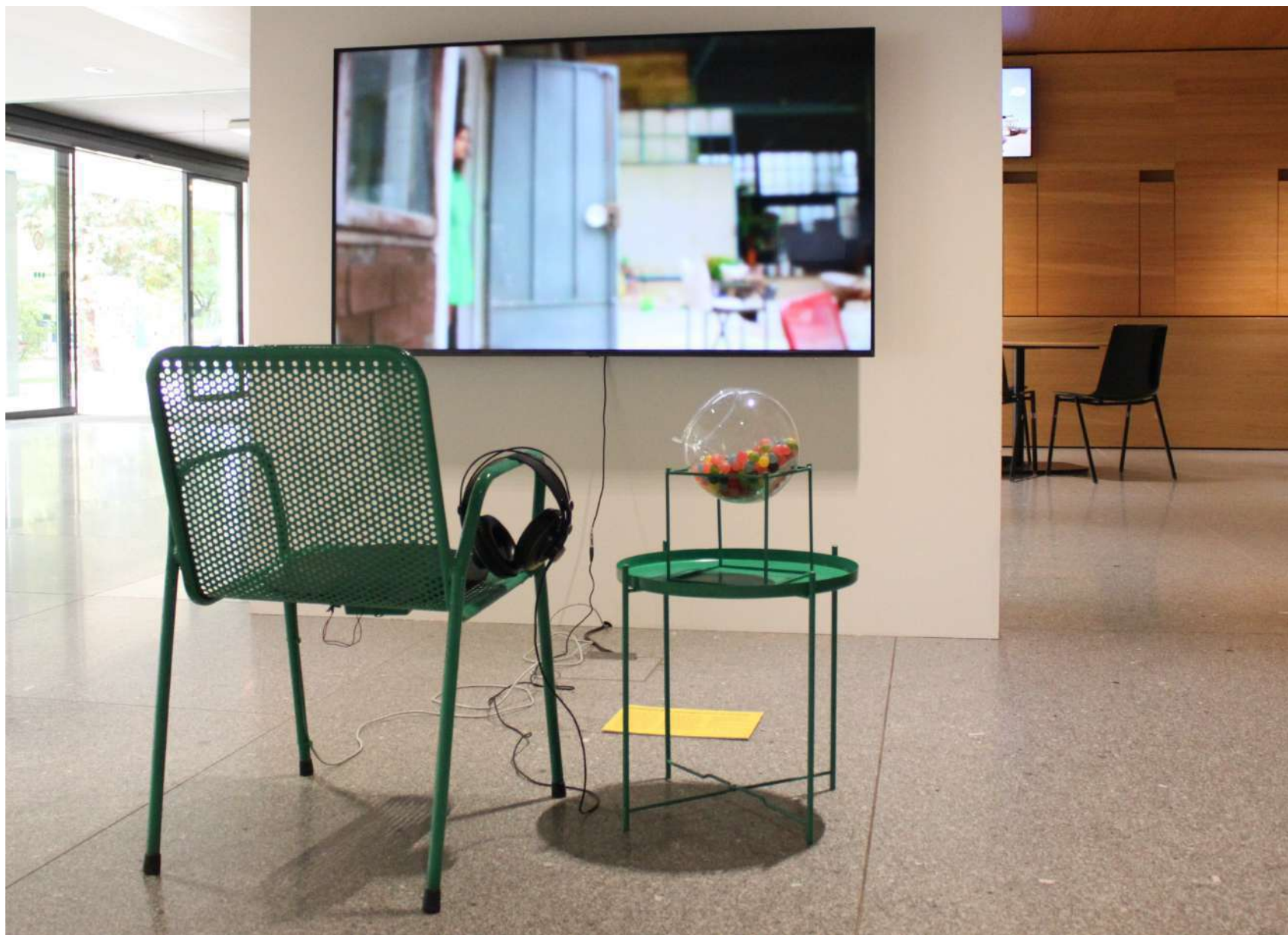
Keywords: consumer culture, saturated self, accelerationism, catharsis

Maria Orciuoli's first video work discusses consumer culture and accelerationism from the point of view of the mind and the body.

The installation consists of a video projection, gummy candies and a custom sensor seat. In the video, the artist is shown ravenously eating a pile of waste: a binge eating ritual until the closing purging ceremony. Filtered through the artist's experience recovering from an eating disorder, the video questions society's mainstream values as the protagonist finds herself over-saturated by conflicting impulses.

Borrowing the title from the 2017 Astronomical Journal report on the RZ Piscium star dubbed 'Eater of Worlds' for being surrounded by the wreckage of planets it has consumed, the installation is a commentary on the current 'capitalism hangover.'

RZ Piscium is an Insatiable Eater of Worlds
Interactive video installation, 2022



Installation view at Ars Electronica Festival
- Linz, 2022



RZ Piscium is an Insatiable Eater of Worlds installation view at Ars Electronica Festival
- photo by Indiara di Benedetto Linz, 2022



“A response to the promises of the globalized world, whose ideology of growth, prosperity and progress is based on value extraction and exploiting the many, it asks: can certain developments in society be put on hold, or is it everything already in pieces?”

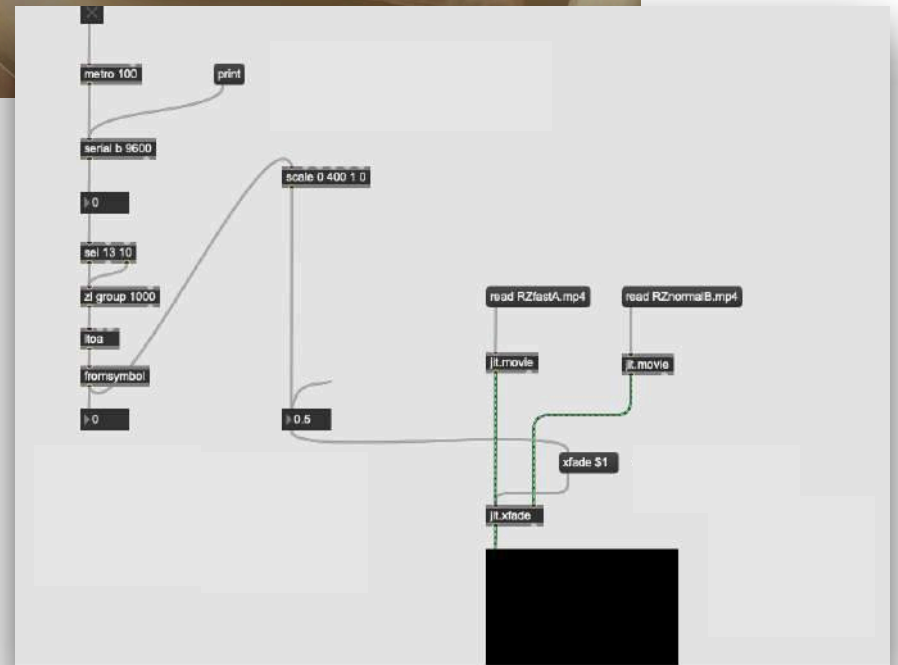
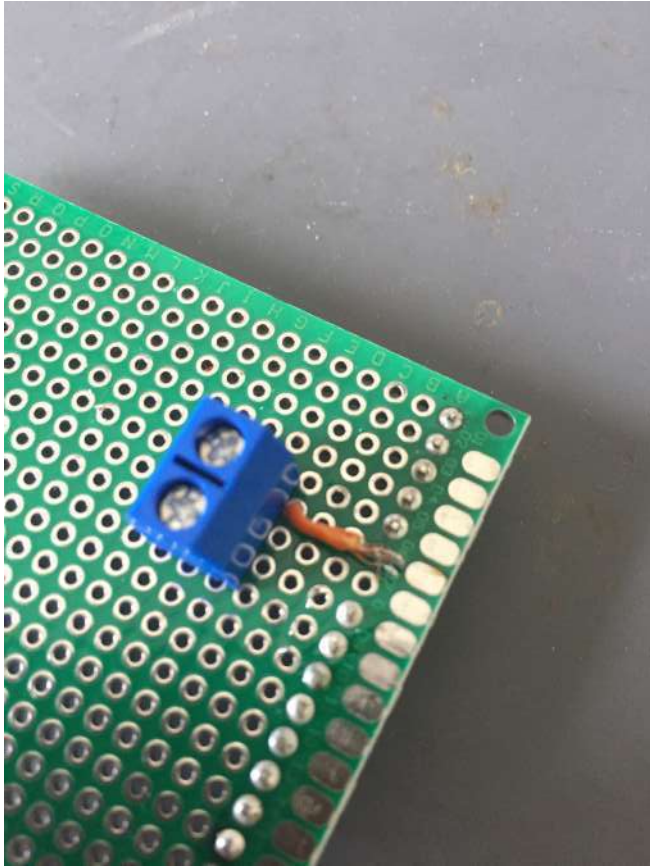
Consumer culture finds expression in offers whose pleasurable and comforting components can't be denied. At the same time, it's evident that the expansion inherent in this consumerist logic not only exploits the natural resources and different ways of living but in fact also dooms those who participates or benefit from it.

The video's narrative affronts society's mainstream values by pairing a parody of grace with the life reality of the protagonist staging the symptoms of an eating disorder.

The installation plays an accelerated sequence of a performance footage captured in 2019 on a construction dump in Southern of Italy. By means of computation, two custom algorithms interfaced by the seat occupancy sensor allow viewing the video at its intended speed. By sitting and watching, the audience becomes complicit in how the film reproduces consumer culture's paradoxical nature. The gummies are an invitation to ruminate on the issues of overconsumption while making edible a part of the installation.”

Software: Max/MSP, Arduino IDE

Hardware: Arduino microcontroller, laptop, TV monitor, car seat's safety belt warning sensor



RZ Piscium is an Insatiable Eater of Worlds

video, 2019

7 min, digital video (1920 × 1080, HD), color, sound
(stereo, no dialogue)

Video [link](#)

A person caught in a parody of grace ravenously eats a pile of waste unsettling through a candid exploration of a binge-eating ritual until the closing purging ceremony. This character takes on the role of the trickster figure, playing at the edge of self-destructive tendencies - an allusion to the 'accelerationist' ideas increasingly common across the current technological and political landscape.

A commentary on the current 'capitalist hangover,' the video stages the symptoms of a disease, pointing to the emotional dimensions of this exhaustion.

The soundtrack of the video features recordings of Sun Drum experiments kindly provided by Terredaria - an Italian association promoting the research, and early childhood education in sonic art.

RZ Piscium is an Insatiable Eater of Worlds
video stills



Scream Support System
wearable, cultural prosthetic,
2022-ongoing

force sensor, microcontroller,
peltier module, cotton fabric pillow (30x40 cm), wires

Research:
<https://mariaorciuoli.xyz/energyharvesting.html>

“The apparatus serves to bridge the person’s internal state and the outside. Participants access sensorial energy that has been implicitly or explicitly put to sleep by societal norms. The project was developed in a DIY setting, and in parallel to readings on energy harvesting from the human body’s heat and environmental noise.”

Keywords: scream, thermodynamics, post-phenomenology, cultural prosthetic, energy harvesting, speculative design

Scream Support System is a cultural prosthetic that allows its user to scream, release and transform uncomfortable feelings.

The user’s scream is absorbed by a pillow so that the surrounding environment and people won't be affected by the loud sound. Below the pillow's surface, a force sensor detects the user's face when in contact with it. By pressing the face against the pillow to release the scream, electricity is sent to a Peltier module placed on the user's chest. By lowering its temperature, the module's cold side in contact with the user's skin gives a refreshing sensation. This procedure reproduces the haptic feeling of the emotions released and cooled as they travel from the user's diaphragm, chest, and throat.

This piece explores the importance of human emotions in a society living under the myth of self-control and autonomy driven by technological symbiosis with machines. We are supposed to be “all things nice” and learn to "behave" from a young age. This project reminds me and whoever can relate to it that all emotions are valid, and repressing them is detrimental to our physical and mental health.

Machines affect how we conceptualize and express ourselves, social perception, the feeling of agency, and action. Social awareness is brought out by accessing and imagining different interplays of humans and machines through custom interaction design and breathing techniques, and individuals are encouraged to reinvent their existence. Scream Support System is visible play-use equipment that offers context-sensitive functionality to its wearer. Simultaneously it announces the need for existence by being used in public without being hidden.

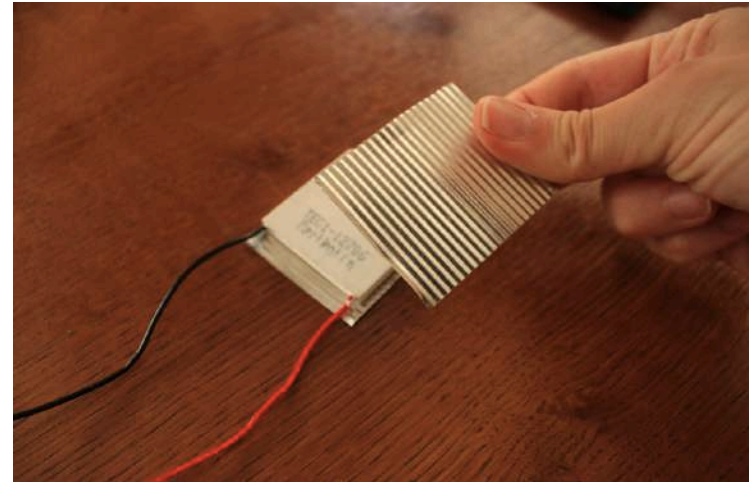


Scream Support System
prototype

Scream Support System
prototype



Scream Support System prototype



The Perfect Day in a Drop installation, 2022

glass vessel (variable), glass dropper (7cm long),
rain sample (variable), cotton fabric (variable)

documentation:
<https://mariaorciuoli.xyz/theperfectdayinadrop.html>

video:
5:17 min (loop), digital (1920 × 1080, HD), color, sound
(stereo / dialogues / english subtitles)
<https://vimeo.com/705875754>

What forms of wet poetics and practices emerge from encounters with rain? How can memory and my perception of time be (re-)imagined through the lenses of rain as a contingency?

I spent most of my childhood in Southern Italy where sunny days are the norm. I used to dislike rain and only made peace with it after years of living in Germany and Austria.

In April 2022, I started collecting raindrops falling in Linz. This project explores my relationship to rain, as the water-based phenomena that makes me company for nearly half of my yearly life time.

Accompanied by a documentation video, the artifact consists of a rain sample preserved in a glass vessel, a glass dropper and a cotton cloth. The vessel is a materialization of time: it encapsulates the memory of the raindrops collection while providing the audience a space for intention and contemplation.



The Perfect Day In A Drop
WHA Gallery, Linz 2022



The Perfect Day in a Drop
documentation

The Politics of Picking a Pope interactive sculpture, 2021

materials:
modified QWERTY keyboard, metal key installed on the
Return switch, computer, monitor (variable dimensions),
desk (variable dimensions)

documentation (30 secs):
<https://vimeo.com/699468448/4bd90e7ee1>

Keywords: human-computer interaction, lock-in effect, economics of the QWERTY, path-dependence, speculative design

This artistic provocation, departs from the archetypal allegation of the QWERTY keyboard configuration as industry standard as well as from the economic theory's concepts of 'path dependence' and 'lock-in effect' by historical events.

Path dependence occurs when a feature of the economy (institution, technical standard, pattern of economic development) is not based on current conditions but has been formed by past actions. Past development decisions can influence and constrain future choices, leading to a 'lock-in' to a particular development path preventing newer alternatives from taking hold.

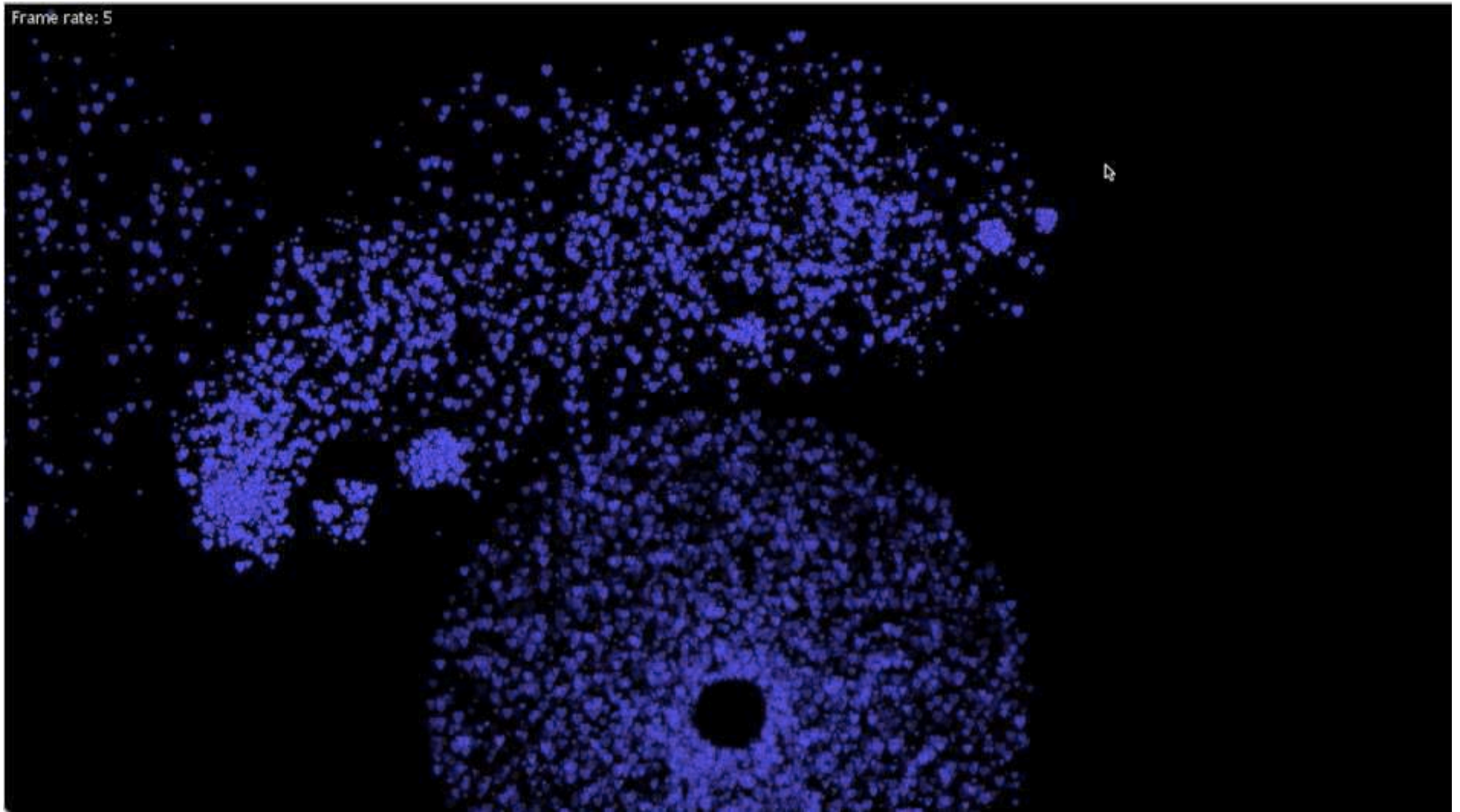
The QWERTY layout transferred seamlessly from the 70's mechanical typewriters to computers and touch screens and is ubiquitous wherever the Latin alphabet is standard. In cultures overdetermined by concepts from economics, we are left without discursive instruments to comprehend how free market-driven standardization systems worked and will continue to empower innovators to revolutionize the way we work, learn, communicate and play. This project explores an alternative design of the computer keyboard that is not driven nor thoroughly integrated in capitalist production - or culture. The function of these inquiries is to reflect on past, current and future trajectories of technology influences on human behavior.

The experiment consists of a blank QWERTY keyboard with a key installed on the Return switch (the installed key captures the notion of 'lock in' effect). The interface challenges the user to rely on 'touch-typing' to enter a sentence in a text file appearing on the computer monitor. This procedure seeks to make perceptible to the user the persistence of the QWERTY arrangement at the cognitive level and provides a speculative reference to the 'spectre of the universal.'

The Politics of Picking a Pope, 2021



Installation view at the Interface Cultures department, Linz 2021



emo_rendering
video still of mouse-computer interaction of
'Heart_Particle' sketch in
Processing.py

emo_rendering
documentary film & algorithm, 2021

‘Heart_Particles’ code available on [Github](#)

Documentation video (3 min, colors, dialogues, English subtitles): [link](#)

Video interviews
(7 min, colors, dialogues, English subtitles): [link](#)

keywords: human-computer interaction, unconditional love, infinity, affective computing

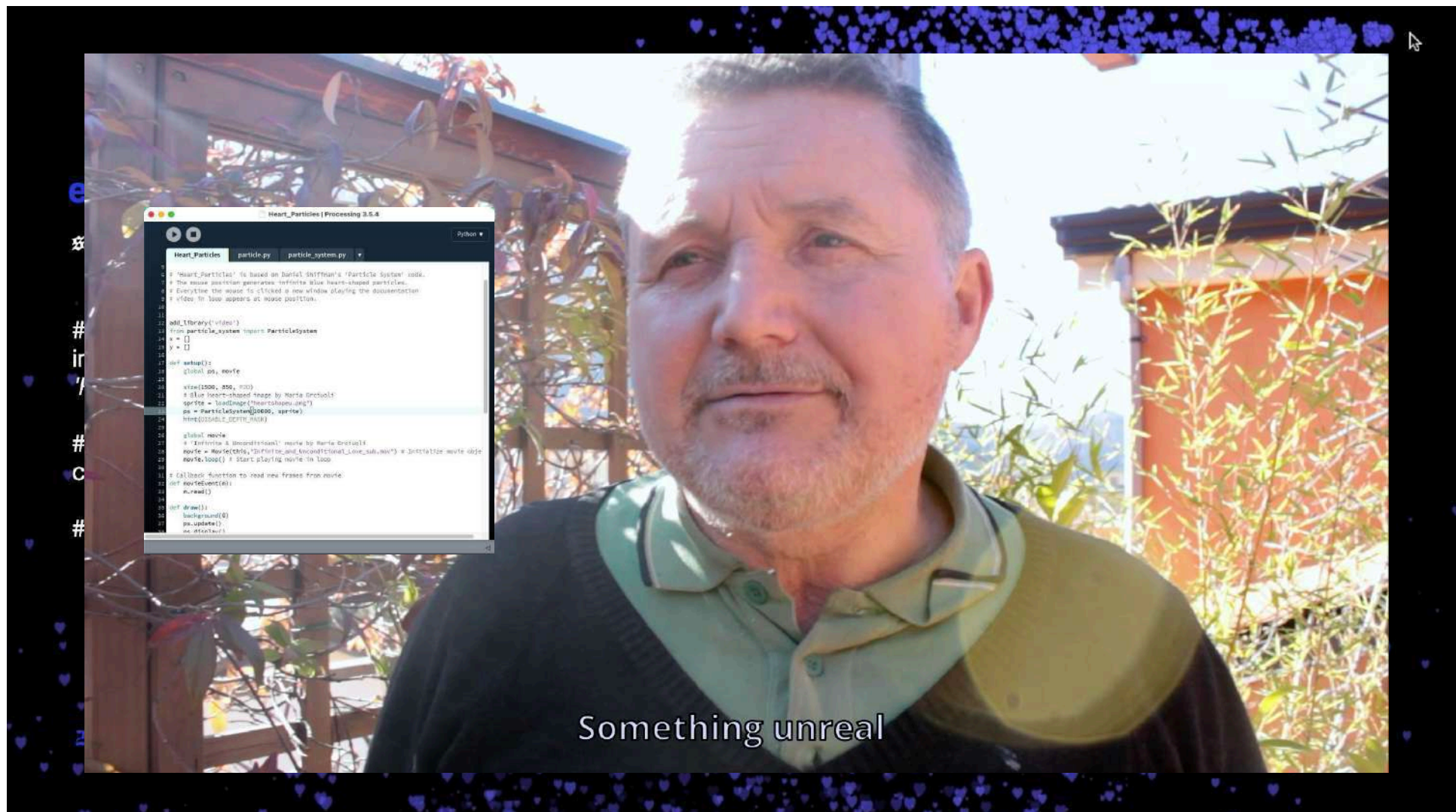
‘emo_rendering’ came up in response to the increasing impact of technology in my social interactions. It combines documentary, performance, and creative coding to explore our cultural relationship to concepts tied to our desire for care and interconnectedness.

Humans are made to be in relationships. We have an innate longing to share our lives with family, friends, and partners. This type of social interaction is essential and complex. A person sends and receives information in many ways when communicating with someone physically in front of her. For instance, a conversation is not just about the words; instead, the message includes tone of voice, body language, facial expressions, context, and sometimes touch.

While in-person interaction is the most genuine form of social interaction, many of today's digital devices extend our abilities to connect with each other while being far apart. At the same time, the disability of our digital devices can be seen through the loss of tangible human interaction.

This piece was made to reflect on the importance of human interdependency in a society living under the myth of autonomy driven by technological symbiosis between humans and computers.

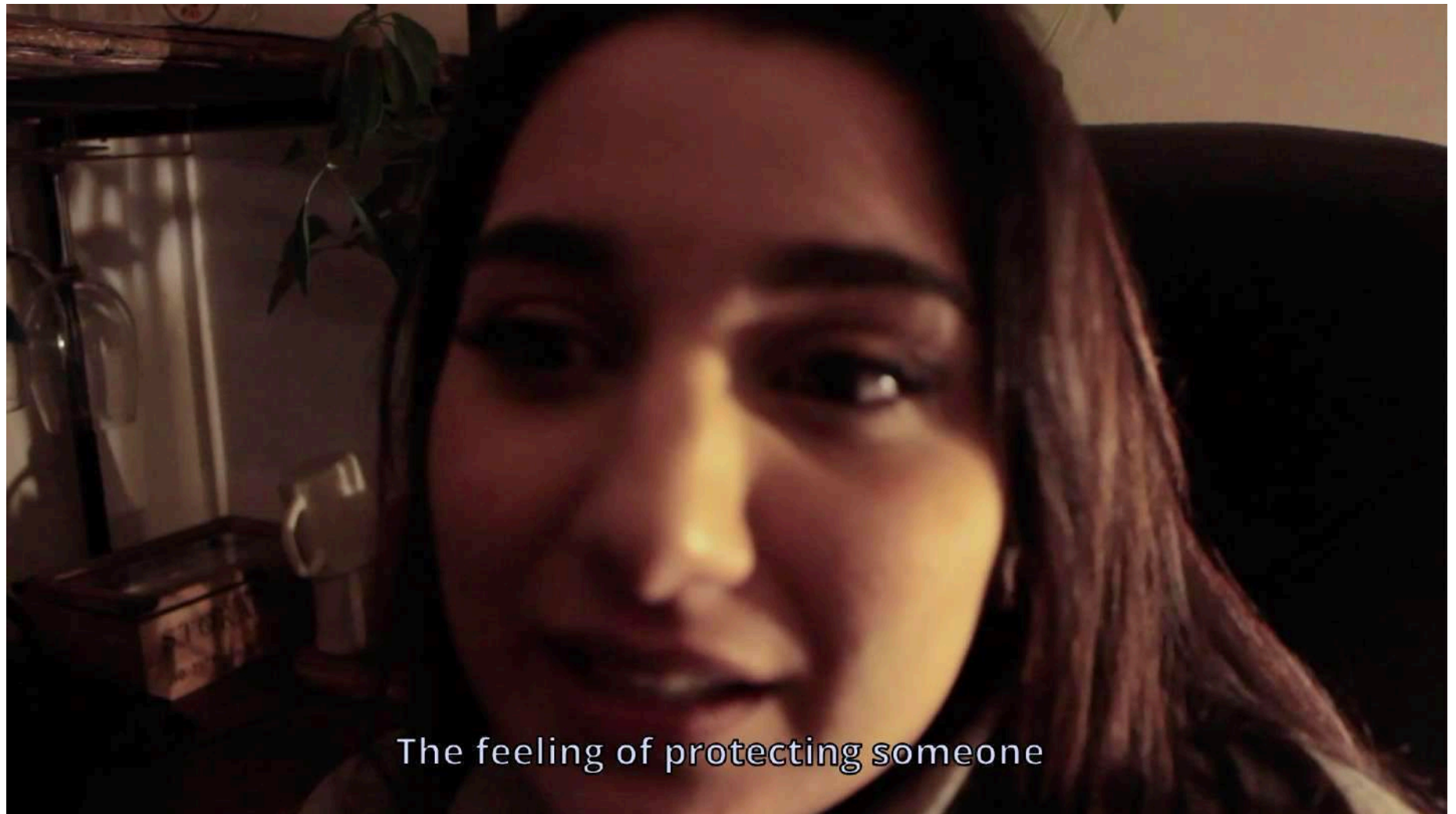
emo_rendering
documentary film & algorithm, 2021




documentary video still + processing.py code screenshot



emo_rendering
documentary video still



emo_rendering
documentary video still



anatomy of a gossip

anatomy of a gossip

performance & documentation video, 2020

one-channel video: 5 min, loop, digital (3840 × 2160, 4K), color, sound (stereo / no dialogues), monitor or projector, loud speakers or headphones

video [link](#)

keywords: bias, tribalism, human error, noise

“Wherever there is judgement, there is noise - and more of it than you think.” - Daniel Kahneman, *Noise: A Flaw in Human Judgement* (2021)

'Anatomy of a Gossip' is a five-minute audio-video work with footage from a performance and social experiment I held in August 2021 in Solofra, Italy.

For this experiment, a group of friends (people who share beliefs and a language code) was asked to sit in a closed circle and pass a message into each other's ears without revealing aloud. The experiment took place in the form of the popular children's game 'Chinese Whispers' ('Telephone' in English, or 'Il gioco del telefono senza fili' in Italian), and concluded with the participants being unable to remember correctly the first version of the message.



video stills





video stills



Anatomy of a Gossip
documentary / performance video (2021)

Experiment participants: Pierre Dimitri Meka, Ilenia Orciuoli, Arnelle Nonon, Donato David D'Alessio, Francesca Penna, Gerardo D'Arco
Music: Colin Tobelem
Camera & video: Maria Orciuoli

Literary reference

Kahneman, D., Sibony, O., & Sunstein, C. R. (2021). Noise: A Flaw in Human Judgement



performance-experiment photos at Oracma Studio in the city of Solofra (Italy), 2021