

FRICION ECHOES | "Humans and Technology"

(EXPERIMENTAL WORKSHOP II)



How have we humans influenced the development of technology? Our installation revolves around this concept and portrays its evolution metaphorically.

In the world of art installations, the intricate blend of natural materials and technological advancements can create a profound narrative. One such artwork, which brings the path of history to the forefront through tangible objects, is crafted from various crude materials that encapsulate both the archaic and the modern. But it isn't just nature's bounty that defines this piece. At the terminus of the stone pathway rests a chip, broken meticulously into fragments signifying the technological pinnacle of our civilisation, reminding viewers of the fragility and finiteness of human achievements. The assembly of these elements was a task that called upon human resourcefulness and ingenuity. We were interested in working with primitive materials such as stones, wood and water; tools humans first started to use in order to survive. We decided to narrow our focus down to one material: stone, a material that symbolises a representation of early technologies cohesively. This material also serves as an homage to the roots of technology and how it started to develop due to human interaction. To further emphasise this concept, the chosen height of the installation prompts the audience to lean over the work to take a closer look at the materiality and composition of our installation, which mirrors the experience of entering a cave, mimicking the posture primitives humans had in the past.

Moreover, the overall composition of the rocks follows an arrow-like shape which references the tool of the spear used to hunt; however the main objective of the form is to depict the evolution of technology through time. We express this development by using larger and bulkier rocks to represent the initial inventions which shared a common monolithic feel. As the stones advance to the right, they gradually become smaller thus portraying how those rustic products have adapted with time. The final pieces consist of small stones mixed in between a broken microchip. This small detail, only noted by those who lean in, introduces another concept into the installation: data. With this chip we intend to pinpoint

how with all the developments technology has undergone, one single chip can contain immense amounts of data in comparison to the extensive volume that was required before to store it. In addition to this the use of the microchips reflects the fragility and delicateness of modern technology, a big contrast from the Stone Age. This is the juxtaposition we intended to portray with the 'timeline' of rocks.

Furthermore, the base used to assemble the installation is a black tinted glass table, a piece of furniture that is similar to the screens we have that consume us on a daily basis. The base used to hold up the piece are two large stone rocks symbolising how the origins of the monolithic tools are the roots of the technology we know today, highlighting the uttermost relationship between the foundation rocks and the screen that is balancing upon them.

To ensure stability, especially at the base, clay was deftly used, ensuring that the structure remained robust and grounded. Yet, the crowning feature of this installation is its lighting. Understanding the need to not just illuminate but also to captivate, a hanging lamp was incorporated. Suspended by a transparent wire above the installation, this lamp concentrates its warm light onto the black glass. Done purposely, rock was left away from the main installation to provide a weight to the wire of the lamp for it to hang the way we wanted it to above the screen. The choice of the lamp was deliberate - its wired black design added a modern touch while ensuring it didn't detract from the main narrative. Its light, interacting with the reflective surface of the glass, creates mesmerising patterns and reflections, beckoning viewers to immerse themselves in the artwork's tale.

In conclusion, this installation is a testament to the harmonious coexistence of the primitive and the progressive. Through meticulous design, careful selection of materials, and the apt use of lighting, it offers an introspective journey through time, prompting viewers to reflect upon our past, present, and the inevitable trajectory toward the future.

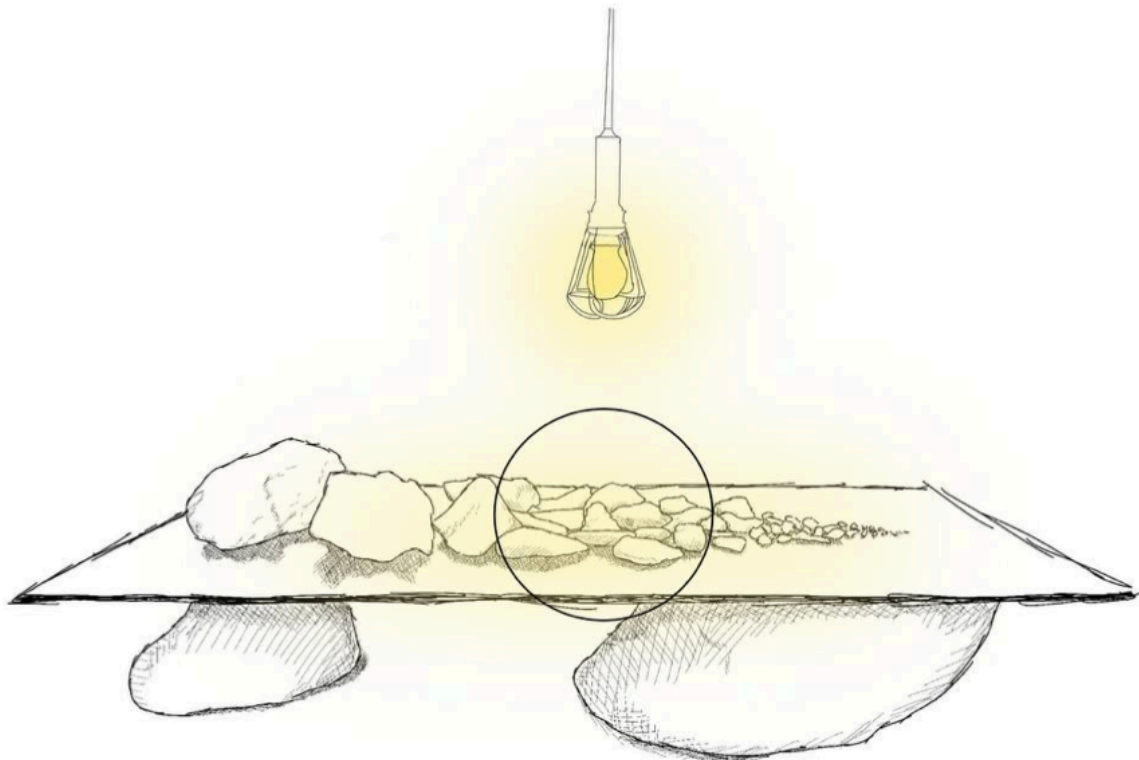
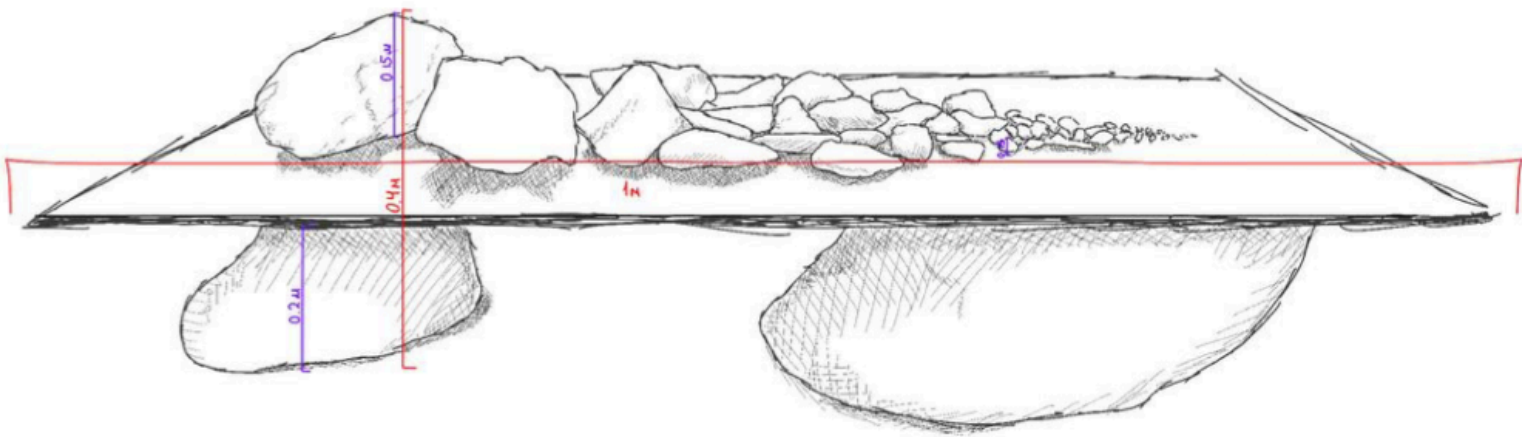






TECHNICAL DETAILS

The foundational element of this installation is a black glass surface with dimensions extending to a length of 1 metre and a width of 40 cm. This sleek platform, reflective in nature, serves as the canvas upon which the story unfolds. Positioned strategically below it are two rocks, each measuring 20 cm in height, that act as holders of the surface, where on top of it are a series of stones that begin at a maximum height of 15 cm and gradually taper down to a mere 0.5 cm. At the end of the stone pathway rests a chip, broken meticulously into fragments, being about 0.1 cm in size.



BUDGET

Base and Rocks

2 Big Rocks 40x70x45
1 Big Rock 90x70x45
Smaller Different Shaped Rocks

Rent a Van to Pick up Rocks from Mountain:

https://www.europcar.com/en-us/reservation/vehicles?gclid=Cj0KCQjw10moBhDXARIsAAAYGSFroBsylsophoCMqVYrmTXe12qft3B8BzUPKx372Rdhg1qOvHmevEaApBxEALw_wcB&gclid=aw.ds&vehicleType=TR&driverAge=26&dropoffYear=2023&dropoffMonth=10&dropoffDay=06&pickupYear=2023&pickupMonth=10&pickupDay=04&dropoffHour=05&dropoffMinute=30&pickupHour=07&pickupMinute=30&pickupLocation=MADL02&dropoffLocation=MADL02&countryOfResidence=ES&promoCode=

Price: 50 EUR

Light

Link: https://www.etsy.com/es/listing/85696200/vintage-industrial-cage-light-lampara?click_key=120c4afbcf48b64f2988f300f1816b756421c251%3A85696200&click_sum=fbaf7a20&ref=related-1&variation0=1143940014&variation1=1143940008

Price: 82.38 EUR

Black Tinted Mirror

Link: https://www.amazon.co.uk/Perspex-Black-Acrylic-Plastic-CHOOSE/dp/B015YCI56E/ref=sr_1_26?crid=BBBM24LKV9B&keywords=black%2Bperspex%2Bpanel&qid=1696189821&srefix=black%2Bperspex%2Bpanel%2Caps%2C90&sr=8-26&th=1

Price: 134.99 EUR

String

Link: https://www.amazon.es/APLI-13808-Bobina-cuerda-nylon/dp/B00W40K14E/ref=sr_1_10?__mk_es_ES=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crid=3RP5TU4YS2J34&keywords=transparent+string&qid=1696188437&srefix=transparent+string%2Caps%2C103&sr=8-10

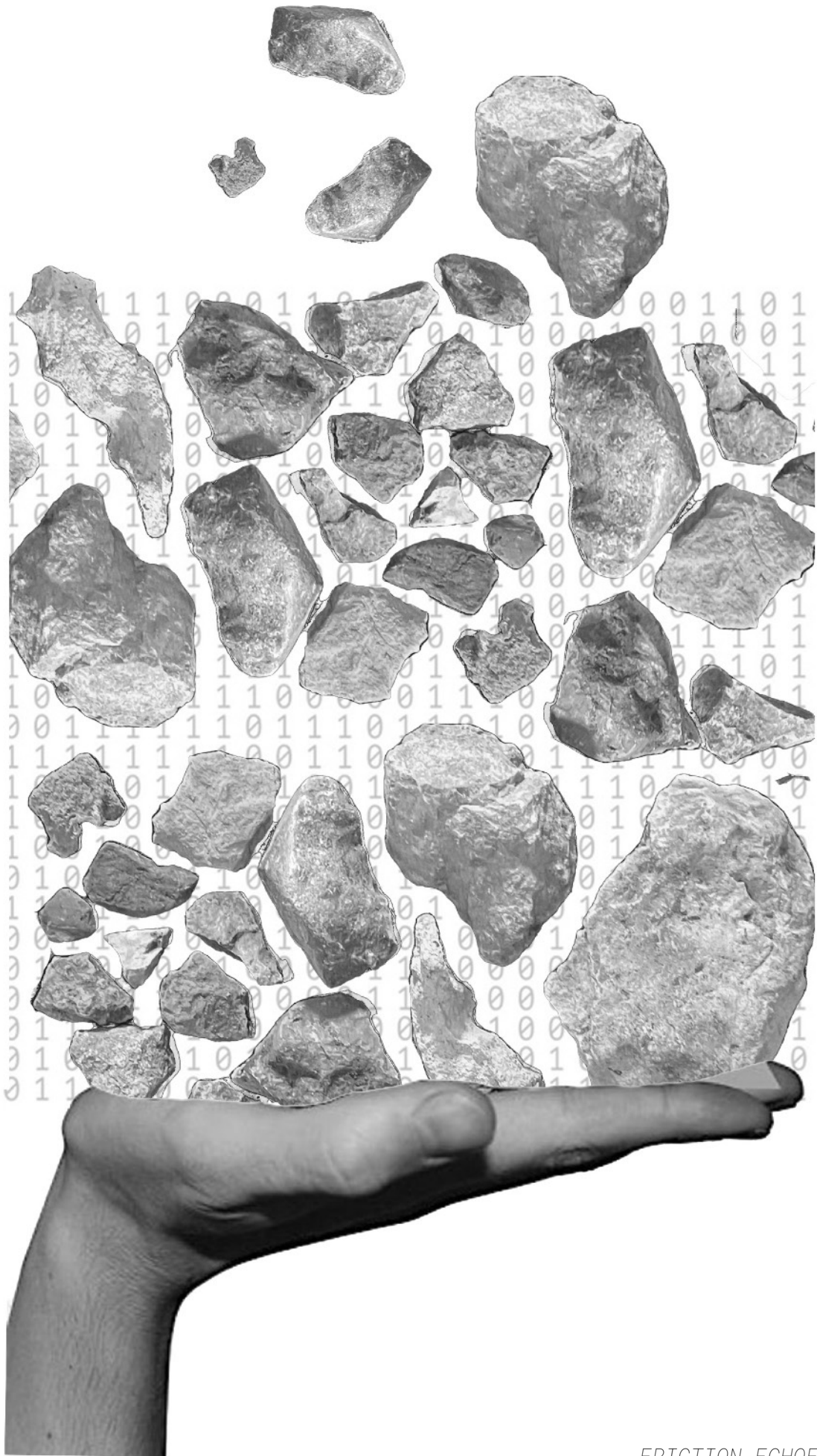
Price: 2.26 EUR

Microchip

Link: https://www.ebay.es/itm/165871335934?chn=ps&norover=1&mkevt=1&mkrid=118514682554860&mkcid=2&mkscid=101&itemid=165871335934&targetid=1988336187007&device=m&mktype=pla&googleloc=1005546&poi=&campaignid=19493756154&mkgroupid=142286609262&rls=target=pla-1988336187007&abcId=9304434&merchantid=759940140&gbraid=0AAAAACadmUISd0fTcQWZAIsxrWTVcBZJ&gclid=EAIAIQobChMItsHkoMbvVgQMV1YZoCR27NwI4EAQYBiABEgJqUFD_BwE

Price: 4.50 EUR

TOTAL: 274.13 EUR



FRICION ECHOES

ARTISTS

ARTURO CRUZ Budget and Assembly

REGINA GARIBAY Budget and Assembly

SOFIA KALMYKOVA Technical details

MARIAM INGOROKVA Technical details

MAHAK SHIVNANI Concept development and visualisation

CATALINA LOZANO Concept development and visualisation

MARIA CAMARERO Concept development and visualisation

MARTA GARCIA Concept development and visualisation