

Charging Reality



THE CONCEPT

All of reality bubbles and fizzes. A vacuum is never empty. No object is ever completely still. No stasis is ever tolerated. There can be no measurements without uncertainty. The 'lens' through which we view our fundamental reality.

Quantum field theory states that there are waves of fundamental energy. As these waves travel and interact with each-other, we perceive them as the particles of light and everything that surrounds and is us.

This work reflects on the medium of space-time and the waves of fundamental energy and information that are at the basis of reality.

THE THEME

Light is a form of electromagnetic radiation, one of the fundamental forces of nature. Messages of light interfere with each-other in a medium of uncertainty. Ripples enhance or destroy each other, create areas of high intensity which are being contrasted by areas seemingly devoid of energy, only to have the surrounding medium crashing in, as it searches for an equilibrium in itself.

The waves and fizzing of the medium, the movement of light waves, embrace the addition of multiple creative forces, shaping a new medium, a new message, which continuous re-creates itself. This work transforms visitors into the carriers of the message.



Impression of the installation from afar, the overhead lights and ground reflections.

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THE VISITOR EXPERIENCE

From afar, visitors will see a large field of lights suspended in the air. The patterns will be in a constant state of flux, showing colored ripples going over the field and project onto the terrain underneath, propagating and interfering with each other.

Man-high pillars will invite visitors to add energy to the pillar via the flash-light of their mobile phone. With a jolt, the energy in the pillar will be released, joining the overhead fray with new patterns emerging from the visitor's interactions. In this way, visitors experience being the source and the shapers of the message, as their flashlights add to the constant light ripples, merging and collapsing with the waves created by other visitors, creating a unified message].



Interaction with one of the three pillars with phone Flashlight

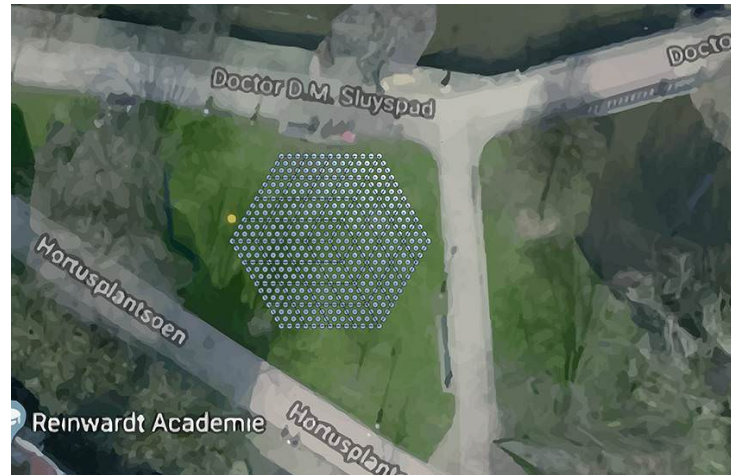
THE TECHNICAL PRINCIPLE

We will build a lightweight metal structure with hundreds of recycled office water-cooler bottles hanging in hexagons patterns, creating a large hexagon installation, suspended above the visitors. Each bottle lights up individually. Wind will oscillate the bottles, adding to the wave-effect.

The pillars will be a metal structure with light sensitive areas, reacting to the light being shown on to it and connected via a light-string to the overhead light-field.

THE BUDGET

• Artist fee	€ 1 500
• Lights	€ 8 000
• Structure	€ 3 000
• Total	€ 12 500



Schematic Aerial view of the installation located at the Hortus