

PRESS RELEASE

The Fundació Enric Miralles and In-Dialog present the Exhibition

PATH TO HEAVEN

A Reflexion on Hand and Machine Drawing

14 February - 31 July 2020

- How will I get to Heaven without bumping into any satellite? ... -

The kinetic installation **Path_02** is the story of a journey told in cartographical lines. It is drawn on paper by the invisible hand of an AI, an Artificial Intelligence. Her path becomes a testimony to her struggle to negotiate the millions of space debris and other objects in orbit that stand between her and the heavens.

The installation Path_02 explores through drawings the relationship between the hand and the brain. As the hand is the extension of the brain, the two drawing machines, one horizontal and one vertical are extending the AI, laying out on paper a new cartography of the sky. These drawings represent the physical manifestation of the thinking process of the AI while she calculates different routes through space.

The algorithm that defines the movement of Path_02 is based on a set of geometrical rules derived from observing the drawing technique used by Enric Miralles when he created his sculpture Heaven. In his work, the drawing language composed of straight lines and semicircles tangent to one another, creating a continuous line through space.

Heaven was originally projected in 1994 and built in 1995 for Tateyama Park in Japan. Years later, a reproduction 1:2 scale became part of the Fundació Enric Miralles.

LEOO (Low Earth Orbit Objects) is our definition for all the objects, artificial satellites and other man-made debris in orbit surrounding the globe. In this exhibition, we've included an interface to visualise them taking the data from TLA-Satellite; Nasa's Space Track Data Base. We consider LEOO to be the new constellations of our times, the physical outcome of a non-physical network of information and communication that characterises the way we live today.

At the Fundació Enric Miralles, besides the two machines and their drawings, a 1:2 scale reproduction of Enric Miralles original sculpture is on display.

Heaven is a piece in between sculpture and architecture.

It was commissioned to Enric Miralles in 1994 by his friend the Japanese architect Kijo Rokkaku to represent "Heaven" in the Tateyama Park that Rokkaku was designing at the time.

The sculpture was conceived and drawn in Barcelona and produced nearby in Caldereria Delgado. Then it was sent to Japan to be finally installed in a concrete pavilion in the Tateyama Park in June 1995, under the direct supervision of Enric Miralles, who requested two mirrors to be positioned at its sides. It was hanged by transparent nylon cables which glittered with the light coming from a skylight.

A reproduction of it, built by Esteve Miret of Esmart, was installed in the Enric Miralles Foundation in 2014 and it is now displayed in this exhibition together with sketches, models, photos and drawings, documenting its history.

The horizontal layers of the "Heaven" iron tubes seem to be horizontal sections of a cloud, drawn in a characteristic Miralles style. Being nearby is like being in a cloud, or in "Heaven".

In-Dialog

In-Dialog Collective is composed of Tiffany Attali, Calin Segal, Codin Segal and Caterina Miralles Tagliabue. They are a young group of artists, architects and programmers that are united by their desire to re-invent the world around them.

Their work explores the use of algorithm and machines in creating experiences that augment or create social interactions. In-Dialog projects consist of playful environments or installations where people can express their creativity and engage in social exchange. The installations are meant to be interpreted as devices that break through social anxiety and encourage physical interaction.

In-Dialog's framework is based on a trans-disciplinary methodology that is inspired by the fields of Behaviour Science, Cybernetics and design thinking. This approach allows them to express themselves in many formats and scales. It can also be noticed in the numerous tools and technique that they have developed in house for their installations. From AR software to ephemeral architectural structures, the pallet of artistic expression varies depending on the context they are working in. One of their critical subjects of research is the ability of data to create an empathic interaction between individuals.



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Fundació Enric Miralles

The Fundació Enric Miralles, based on Enric Miralles way of doing and thinking, is constituted as a centre for the experimentation of contemporary architecture, being a platform of knowledge and promotion.

The Foundation has an archive with material of Enric Miralles, his work and contemporary architecture, but also an open space in which the work of the architect is given continuity; through the support of emerging architects, who may participate in resident programmes and international exchanges.

In this space there are also workshops, courses, conferences and temporary exhibitions.

The Fundació Enric Miralles headquarters, located in the same building that houses the Miralles Tagliabue EMBT studio in Barcelona, has more than 500m² to illustrate Enric Miralles own archive, with a large collection of original models, presenting temporary exhibitions and organising activities focusing on experimentation in architecture.

In this field, experience and reflection combine to offer an interdisciplinary vision, create opportunities for experimentation and innovation in design, relating architecture to other areas and environments of creation.

One of the fundamental purposes of the Foundation is the preservation of the works, ideas and the creative spirit of Enric Miralles, for the benefit of all generations.



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