

Mind Space, San Jose, CA

Algorithms of Being

Step 1: An idea is formed in the mind.

Step 2: The structure is conceived by molding handcrafted models.

Step 3: The handcrafted model is 3d-scanned.

Step 4: The model is digitalized, computer aided optimized and engineered.

Step 5: The final structure is 3d-printed in-situ by robots, based on the digital data from the engineering process.

Step 6: The idea becomes reality.

The process describes the direct translation of an idea into a physical reality through digital and automatization technology. The mind is translated into Being in form of this physical space. This space becomes a place of reflection - communal or in solitude - for others to encounter the perception of the mind.

Net-Zero strategy and sustainability

The structure addresses its own emission balance through minimized impact and excavation, local and in-situ production and construction, optimized efficiency and performance and employment of renewable energy and resources. In a broader view, it presents a case study and precedence for future structures that provide greater freedom, efficiency and strength while reducing emissions ^{[1][2][3]}.

The structure continues the tradition of the Eiffel Tower to set out new possibilities of new technologies in a new era. The processing of humanities in combination with applied sciences into the reality of the physical world represents an advancing definition of Being as an individual and societies as a whole.

1. <https://3dprinting.com/metal/far-stronger-low-carbon-stainless-steel-new-3d-printing-method/>
2. <https://www.llnl.gov/news/lab-researchers-achieve-breakthrough-3d-printed-marine-grade-stainless-steel>
3. <https://www.llnl.gov/news/3d-printing-high-performance-carbon-fiber>