



Akademickie
Centrum
Designu

Festival ART & DESIGN 2023 – IM_MATERIAL

A short history of im_material.

What attempts and ways of creation approximate the matter of the Universe?

"If the substances which formed the Earth's globe when the Earth was being lightened, they would have had a sufficiently time to cool down, and sufficient freedom of movement, each of them would have separated from the others under the form of a huge crystal"

The world which is "Crystal," matter that appears suddenly, and is in constant movement, explained Qfwfq. Moving through the amazing structure, he learned about the dreamed part of the World. This is the part that would give new meaning to matter and the elementary particle. Before 1 part of the collection of stories was written, the mythology of scientific hypotheses of Italo Calvino, J.Dalton was almost close to discovering the Crystal World, but he could not create it because for him the atom was indivisible. The 19th century saw several breakthrough discoveries. Kinetic theory of matter, the phenomenon of ionization, the discovery of the electron up to Einstein's theory, which showed the discontinuous structure of the atom. Almost 40 years later, the world learned the story of Qfwfq.

After the recent presentation of the Nobel Prizes, it is known that it is possible to "explore the world of electrons inside atoms and molecules," because in "the world of electrons, changes occur within a few tenths of an attosecond- an attosecond is so short that there are as many of them in one second, as many seconds since the birth of the universe." Yet another elementary particle has not been discovered!

Matter is still an undefined form. In the words of Empedocles and, in turn, Aristotle of Stagira, matter belonged to nature. Four factors were accepted as its basic elements water, air, fire and earth, making up the so-called first matter. They were a unity of matter, as was their metaphysical spiritual part. They emerged to form the Universe from the hands of the Demiurge, which was named as indefinite and formless matter.

In the 19th century current of empiricism and against the developing atomistic theory appeared Wilhelm Ostwald's observation. He considered only energy as real, and in his chemistry textbook he completely omitted the term atom or molecule. At the time, the theory of this of the natural philosopher, like many concepts of pseudoscience or independent science today met many opponents. Wolfgang Pauli took care in 1930 of the energy of the particle, immediately after the discovery of the theory of relativity. His hypothesis was that part of the energy lifted by a particle called the neutrino.

"(...) I proposed the existence of a particle that will never be observed."

So it seems that the author's method of creation shaped by senses, intuition, feelings but by way of symbiogenesis and the resulting creative emotions used by the creators, is the source of creation. That is why it is possible to be so close and so tenderly able to measure with the matter that creates the World, but which is invisible, unhaptic and even inaccessible for those who have never created.

Micro and macro stories of non-existent projects

"Tired landscape" by Lilianna Zeic, "Vision of the city broken into atoms" by Natalia Zaluska although both projects never realistically saw the light of day, i.e., they did not come into being bring a new formula for creation. Zeic observing a

Silesian mine heap notices an innate into it a root that introduces air. Zaluska wants to rebuild images of the now-defunct works of the Warsaw artist. Both emphasize the idea of determination at the level of certain ideas of regeneration, reconstruction, reproduction it is these that become the focus of their creation.

They were finally published in the recently released book "Projects. Unrealized Stories of Art" about a touching collection of behind-the-scenes stories of more than 100 works. They were not materially created for a variety of reasons, from censoring them to lack of funding.

This most up-to-date and exemplary publication brings to mind a series of never realized works by Beuys, whose thought revolved around the unification of matter and ideas. The artist planted 7,000 oak trees during Documenta in Kassel. Before doing so he piled up in front of the museum

Fredericianum a heap of several hundred tons of basalt, planted the first oak tree on it and marked the place he marked it with the words

"Do the same if you want the heap to disappear!"

Back to Matter

The origin of the Matter of the Universe is a key question, that is undeniably asked by questions by everyone. Not everyone, and among them, for example, Aristotle, argued that such a beginning of matter was. Theses proving the moments of the Great Beginning have been posed many times, and the theory sometimes exceeded human observations. Descartes, Heidegger, Gianni Vattimo encourage practical solutions, including those based on constructs such as emotion, taste, and the search for other forms of being in the world. In Heidegger's notion of *Stoß*, understood as a thrust inflicted by the work, (...) highlights the need for and possibility of existential experience of art in times of advanced technicization., this , "perceiving" is not necessarily visual. Thus, one can return to the atomistic postulate of Beuys, proclaiming that the spiritual interior of man animates matter, he is a self-creator. The period of experimentation with a certain notion of materialization, the transformation of matter, are very present in art, design and science. It is a period of following the presence of matter.

The evolution of matter continues. Scientific experiments have made it possible to create materials, that are not found in naturally existing materials and have artificial atoms. Such matter, has reached a certain dimension of perceptibility, comprehensibility, to be able to further traverse the World of The mythology of scientific hypotheses. This one was evoked in "If $t=0$ " by Italo Calvino through the eyes of Qfwf:

" The world of unusual matter appearing as growing Crystals, is still a new way of certain creation that surpasses the real world."

In the real world, human and non-human creators set the boundaries of the biotic and abiotic Universe. They base creation on sustainable and equal development. The structure of the very creative World could be composed of micro elements whose source is the continuous process of creation of *im_material*.

Magdalena Komborska-Łączna