

Our civilization at a critical historical moment

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Abstract: Our civilization is at a critical moment in its existence. Why is this not felt by politicians and world institutions? The reason is a serious misconception about the physics of space, which does not allow predicting one dangerous effect, which might happen in case of a nuclear war: the loss of part or the entire earth's atmosphere.

We live in a critical moment when the escalating military confrontation obtains a sign of a global conflict. This may lead to uncontrolled nuclear war in which unpredicted dangerous effect triggered in one region of the earth's atmosphere will affect very quickly the entire Earth. This will end life on Earth, both human and animal world. What is this effect? Studies of tornadoes, both in the earth's atmosphere and on the Sun, show an antigravity effect. An anti-gravity effect is also present in nuclear tests in the atmosphere. Now many declassified films of nuclear tests done in the 70s of the 20th century are available online (see the [collection by Michelle Starr \(2017\)](#) [1]). The following snapshots from a declassified movie show the development of the antigravity effect in the first few seconds. One may notice that the dust column raised from the ground punches the much hotter ball of explosion and continues upward. This contradicts the known laws of thermodynamics. During this time a few tornados are triggered which is also a signature of an antigravity effect.

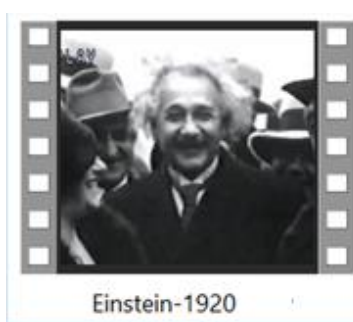
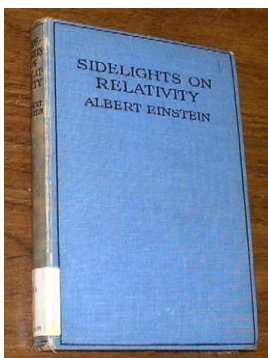


Fortunately, simultaneous nuclear tests in the atmosphere have not been done, but even single superpowerful thermonuclear explosions can prove fatal. Official science cannot predict this effect, because it is inexplicable from the point of view of the accepted wrong concept about space. Therefore, it is believed that the height of the nuclear mushroom cannot exceed the earth's atmosphere. The real physical essence is that the antigravity effect is not an atmospheric phenomenon, but a physical effect of the etheric medium, i.e. it is not limited by the height of the atmosphere. This explains why a tornado effect observed on the Sun ejects a huge amount of mass despite the enormous solar gravity. A similar effect caused by nuclear explosions in the earth's atmosphere can eject part or all of the earth's atmosphere.

There is scientific evidence that simultaneous nuclear explosions in the atmosphere could trigger such an effect. This might happen in the distant past on Mars due to superpowerful explosions of unknown nature. It has been scientifically proven that Mars had rivers, lakes, and oceans, but presently its

atmosphere is 0.9% of the Earth's atmosphere. Investigating the isotopic content of meteorites from Mars, the American space scientist John Brandenburg found a ratio of isotopes that only occurs in powerful thermonuclear explosions. At a scientific conference in 2015, sponsored by the Lunar and Planetary Institute and NASA he reported: "[Evidence for a Large Anomalous Nuclear Explosions in Mars Past](#)"[2]. The detailed analysis is also presented in his book *Death of Mars* [3]. The reason, according to him, is two super-powerful simultaneous explosions of an unknown nature that happened on Mars in the distant past. On the other hand, there is an official but quite unconvincing hypothesis that the reason Mars lost its atmosphere was the solar wind. However, in terms of mass and radius, Mars and Venus are similar to Earth. At the same time, Mars is further from the Sun than Earth, and Venus is closer. How then will the atmosphere of Venus be about 90 times denser than that of the Earth, while the atmosphere of Mars is below 1% of the Earth's atmosphere? John Branderburg's conclusion is supported by scientific arguments, so it is much more reasonable than the solar wind hypothesis. Furthermore, his conclusion is explainable by the antigravity effect mentioned at the beginning. It is based on serious scientific arguments presented in the research and theoretical work of the author of this article.

Working for 37 years in several scientific institutions in different countries, I was well aware of numerous inconsistencies. They usually reflect some fundamental issues related to adopted postulates, so open discussions are avoided. Essential problems are not only dismissed but even the opinions of famous scientists from the past are distorted. The most striking case is neglecting Einstein's statement on the physical vacuum. After the development of General relativity in 1920, he published the book *Sidelights on Relativity* [4] in which he explicitly stated that aether medium should exist: in p. 16: *...there is a weighty argument to be adduced in favor of the ether hypothesis. To deny the ether is ultimately to assume that empty space has no physical quality whatever*; in p. 23: *Recapitulating, we may say that according to the general theory of relativity, space is endowed with physical qualities; in this sense, therefore, there exists an ether. According to the general theory of relativity space without ether is unthinkable; for in such space there not only would be no propagation of light, but also no possibility of existence for standards of space and time*. His view is also archived in an original video record: https://www.youtube.com/watch?v=EtWfLQbJ_To [5].



Einstein also considered that the Universe is stationary. He corrected his initially suggested parameter called the cosmological constant, claiming it was a big mistake. However, the government-funded scientific community that controls education ignores this and continues supporting the hypothesis of expanding Universe, despite the multiple inconsistencies in observations. The famous

discoverer of redshift, Hubble, also never claimed that it is of Doppler type. The Big Bang theory is suggested by the Belgian Catholic priest Georges Lemaître, (1894-1966), who relied on the belief that the galactic redshift is of Doppler type. However, once accepting the existence of Aether medium, the galactic redshift is cosmological. Then the Universe is not stationary but infinite in

distance and time and all cosmological inconsistencies are resolved. This automatically leads to the admission that many civilizations could exist [14].

In search of the fundamental problem of physical reality, the author of this article analyzed numerous experiments accumulated during the past 120 years. He arrived at a physical model of space that may refer to the Aether concept, while such a model has never been suggested and investigated before. It not only reveals the missing connection between the microcosmos and the Universe. It permits understanding the relationship between classical mechanics, quantum mechanics, the theory of relativity, and what does define the speed of light. The treatise that he published in 2001 is called Basic Structures of Matter Supergravitational Unified Theory (BSM-SG) [6,7,8,9,10]. Using the suggested theoretical model, all physical interactions are completely logically understandable. From one side, this opens a new window of knowledge to the world of the microcosmos and the infinite Universe as well as potential technological breakthroughs in several fields. On the other, it permits understanding some dangerous consequences of simultaneous nuclear explosions.

Amongst the potential applications is the unthinkable possibility of modification of local gravity. The author predicted and identified such an effect through laboratory experiments and called it the Stimulated Anomalous Reaction of Gravity (SARG) effect. It was described in his book [11] and reported at international conferences [12,13]. Another important issue from the BSM-SG theory is the understanding that there is a physical basis for spirituality, and this is in the specifics of the aetheric substance of space [15]. It contains distributed energy that not only supports the unstoppable motion of electrons but also supports the basis of life from cells to the living organism, including a highly organized intelligent life. Furthermore, this substance can carry an informational energy field. It is connected with the living body but part of it could remain after death. It cannot be detected by known electromagnetic sensors, but it is not in violation of the laws of physics when taking into account the aether medium. At the same time, new knowledge makes it possible to identify dangerous technologies that could be harmful to our health. The subsequent publications as books, papers, and presentations related to the BSM-SG theory open a new window of knowledge to which he dedicated his life.

When I published the article [The Unknown Danger of Nuclear Apocalypse](#) in the Foreign Policy Journal in 2015, the possibility of a war in Europe seemed like an illusion. Now not only the war between Russia and Ukraine is a fact and escalating but each side claims that it will be the winner. While only Russia in this conflict is a nuclear power, it is clear that further escalation could lead to a nuclear confrontation between Russia on one side, and NATO and the USA on the other. Even if the earth's atmosphere is not lost, in the case of nuclear war, the most vulnerable will be the coastal areas of the continents, which can be hit by huge tsunami waves. In this sense, the author wants to emphasize the danger threatening the existence of our civilization and to cool down the most outspoken warmongers who may believe that in the event of a nuclear war, they will remain safe.

For many years I had fruitful collaborative work with well-established scientific organizations where problems beyond the mainstream are discussed: The Natural Philosophy Alliance, USA; the Planetary Association of Clean Energy, Canada; the Society for Scientific Exploration, USA, the Institute for Scientific Exploration, USA. The warning I provide is a result of my sci-

entific experimental and theoretical work for many years, More details and links about my work and publications are available in www.helical-structures.org

About the author:

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