

A new Physics with a different vision about the Universe and our origin

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Abstract. Despite the achievements in different fields of natural science we are far from understanding our origin. The advancement in this field could not be successful if our vision about the Universe based on the adopted concept of space is wrong. The present model of expanding Universe relies on a concept of space adopted at the beginning of past century. Presently, some experiments and a large number of accumulated observations indicate that the adopted concept of space is not correct. This not only causes problems in Theoretical Physics, but is also responsible for the missing connections between Physics, Philosophy and Religion. Physics based on a new space concept provides a promising expectation for solving these problems while putting a new light about our origin.

Keywords: Unified theory, space-time concept, physical vacuum, divine origin, consciousness

The rift between the theology and “Modern science” about our divine origin

Despite the present technological advance we don't have a satisfactory answer for two most fundamental questions: What is our origin and what kind of progress we could expect as a human society? Neither the Modern science, nor politicians or religious authority could provide us a satisfactory answer. The Modern Science may play important leading role in the search for correct answer but the problem is that it is incomplete. It is fractured into many different fields without some unified vision. The reason for lacking of unified vision is the adopted canonical rules in Modern Physics established at the beginning of 20th century. They could be summarized as following:

- Migration of Theoretical Physics from the three most important philosophical rules: objective reality, causality and logical understanding. Examples: Claiming that human logic fails and its replacement with a mathematical logic (Quantum Mechanics, Theoretical Physics)
- Sequential approach in natural science and lack of unified vision
- Ignoring the search for unified truth and accepting of multiple truths defined by “experts” in different fields
- Accumulation of highly abstractive theories developed as mathematical constructs with adopted assumptions without a possibility for experimental verification (Standard Model and its spin-off theories in Particle Physics, Superstring theories, Big Bang theory).

Preserving the status quo

- Neglecting the problems in Physics and the contradictions between established theories
- Twisting the original thoughts of great Physicists and experimenters from the past
- Overplaying with the authority of established Physicists
- Accepting speculative ideas if they do not require a fundamental change of status quo
- Imposing the idea that discoveries in Physics are possible only within the established institutions that also control the peer reviewed journals. Journals outside of this sphere are ignored.

Results:

- The role of Theoretical Physics as a guiding echelon is highly diminished. The fields of Applied Physics based on empirical models advance much faster.
- The contemporary physics today is far from the answer the question about our origin. This causes diminishing the role of the Religion in the society and even complete rejection.

Where is the origin of the problem?

If investigating the history of Physics in the past 200 years we will see that it passed through some very critical moment at the beginning of the 20th century. This is the time when the newborn Quantum Mechanics and Theoretical Physics mark their fast development based on adopted postulates and mathematical rules. In this sense the new Physics deviated from the previously established rules of objective reality and logical understanding, but this is something necessary for the abstractive mathematically based theories. Amongst the adopted postulates is the Einstein postulate of the constant velocity of light that was the main reason for adopting an empty space. This put the end of searching the possible model of Ether, as envisioned by Newton, Faraday, Maxwell, Lord Thompson and many other giants in Physics. The implications followed later. Now after 100 years we are faced with a large number of accumulated problems in Physics from the range of Particle Physics to Cosmology. The accumulated astronomical observations contradict to the Big Bang model of expanding Universe indicating that our vision about the Universe is wrong. As a result an international “Alternative Cosmology Group” of scientists was created in 2004 [1]. The 1st Crisis in Cosmoly Conference was in 2005 and the Second one in 2008. The situation for our vision about the microcosmos is similar. A large scientific ballast of super abstractive theories without any practical contribution is accumulated (Superstring Theories, Standard model, etc.).

Presently a large number of accumulated experiments and observations indicate that the adopted space concept is wrong. The official establishment of Theoretical Physics, however, could not accept this idea because it will shake some of its adopted postulates. This will affect also some of its spin-offs abstractive theories. As a result, alternative ideas about the space concept are strongly suppressed. The names of some physicists from the past are overlapped and some of their original vision are even twisted. One may find the Albert Einstein vision about Ether as a space concept in his book “Sidelights of Relativity” after he developed his Theory of General relativity [13]. This work is not cited in physical text books and many professors and students are not acquainted.

Consequences for understanding of our divine origin and place in the Universe

The space concept adopted 100 years ago and the related postulates led to the following wrong conclusions:

- Space travels between stars have been impossible in the pass and probably in the future
- The possibility that the Earth or other planet of solar system might be visited by other civilization in the past is excluded
- Consequently the human beans are product only of evolution that took place on the Earth.
- Spirit outside of human being and afterlife are impossible, because nothing could exist in pure empty space
- With advancement of technology and new observations more findings became curious and many people and even scientists went into two extremes: denial of God and our divine origin or accepting the fatalism.

Alternative space concept and its consequences

Presently, it is quite difficult to suggest and expect promotion for alternative idea about the space concept. The established authority of Theoretical Physics imposes the belief that a successful

concept or theory for alternative space concept has not been offered. This is simply not true. Ideas leading to quite successful explanations of the enigmatic phenomena exist. They have been reported in International Scientific conferences but not mentioned by the scientific authority. Therefore, they could not get promotion and support by government funding. Only naive people may think that somebody outside of scientific authority could get an official recognition today for something extraordinary - either experiment or discovery that is not in agreement with the Modern Physics. Even the process of Nobel Prize is in the hands of the established scientific authorities – they provide the suggestions.

One quite promising concept suggested by the present author and developed into complete treatise is the “Basic Structures of Matter – Supergravitation Unified Theory” (BSM-SG) [2-7]. Since the theory has been presented in many international conferences and supported by articles in journals and on-line, I could not present here physical details but only the initial framework and some conclusions. The framework from which the theory was developed contains only 3 major assumptions.

- The possibility for existence of pure Empty Euclidian space without any physical properties and restrictions (in contrast to the physical vacuum that has a physical properties and propagates EM waves)
- Two super dense fundamental particles able to vibrate and congregate
- A Fundamental law of Super Gravitation (SG) - an inverse cubic law valid in pure empty space.

An enormous abundance of these two particles, with energy beyond some critical level, are able to congregate into self-organized hierarchical levels of geometrical formations, based on the fundamental SG law. This leads deterministically to creation of space possessing quantum properties (known as a physical vacuum) and a galaxy as observable matter. All known laws of Physics are embedded in the underlying structure of the physical vacuum and the structure of the elementary particles. The fundamental SG law is behind the gravitational, electric and magnetic fields and governs all kinds of interactions between the elementary particles in the space of physical vacuum.

The two fundamental particles are indestructible, so they serve as a hardware base of the everlasting Universe at the bottom level of matter organization. Their intrinsic parameters of frequency and dimensions are associated with the well-known but not physically explained Planck parameters: Planck length 1.616×10^{-35} (m) and Planck time 5.39×10^{-44} (s). With this initial framework no any additional assumptions or postulates are necessary. Following the strict logical rules physical models are developed permitting derivation or understanding of the fundamental laws of Physics, such as Newton’s laws of gravity and inertia, the constancy of speed of light and the relativistic effects. The new developed physical models are not based on mathematical assumption but on hardware material structures with 3-D geometry so they are fully understandable in a real 3-dimensional space. They give quite different vision about the microcosmos and Universe. In contrary with the spin-off theories of Modern Physics like the Chaos Theory that try to explain some fluctuations in the Physical vacuum on base of organized chaos, deeper we go into the microworld stronger is the organization of the material structures and their interactions.

The space in which we live and observe possesses invisible but well organized structure, called by BSM-SG theory a Cosmic Lattice (CL). The physical fields electrical, magnetic and gravity are propagated by this CL structure. Every distant galaxy we see is in a path filled with this structure. If there is a pure empty space somewhere we will not see galaxies behind it. The Universe is vast but not expanding because the observed red shift of the galaxies is not of Doppler origin, but from small differences in the individual galactic spaces. This is so because they have own phases of active lifetime (10 – 20 billion years) with a phase of collapse, full recycle and birth to a new galaxy life – a Galactic Big Bang. The Universe is stationary.

The space known as physical vacuum is not empty. The underlying CL structure defines the mass of any object from the elementary particle to the planets and stars. Today, as a result of adopted space concept, the space is considered empty of any matter and the mass of the object is wrongly considered as equivalence of matter. In the concept of the Cosmic Lattice space, however, the mass is only a measurable attribute of the matter. The elementary particles could be smashed in particle accelerators into smaller material subparticles that could not possess the inertial properties of the particles and only some energy is detected. So the process is wrongly attributed to annihilation of matter which is converted to pure energy. From the BSM-SG results it

is evident that pure energy separated from matter is an absurd. It is the same as considering a collapsing building smashed into small peaces of dust as a matter annihilation because we cannot see this dust from a distance.

Now let us see what the new space concept suggests for some understanding about our divine origin. The galaxies has own lifetime in billions of years but the Universe is stationary and everlasting. The Cosmic Lattice structure is everywhere we are able to see things. The CL structure not only defines the complex interactions between particles and fields in the vast space from microcosmos to the Universe. It is something that may provide quite complex waves of oscillations. It is something that may carry not only physical but also biological fields. The latter are much more complex but logically understandable. Furthermore the CL space may carry even more complex fields – the spirits. It may permit also organization of spirits into additional field that some scientists refer as Information Field. Could be this the Holly Spirit that Jesus Christ teach us?

The new space concept not only envisions a possibility for existence of a spirit outside of the human body. It also permits to understand the conditions for more stable existence of such spirit. It must occupy the portion of the space in which we live but that space carry also fields. It is reasonable considering that this space could be disturbed by some very strong physical fields. It also could be strongly shaken. The most strong shake, for example, is from a nuclear weapon. It will completely destroy any spirit in the zone. It is evident that the spirit could not stay long and safe outside of material body or object. Then it is a question could it stay after the living body is dead and destroyed? Accepting the concept of afterlife means that it should stay near or inside of nonliving object. The safest place is in a cave structure or more specifically in an object with microcave structure. Example of such materials are lot. Most of them are natural: earth soil, rocks, volcanic rocks, and etc. Many crystals in which the atoms or molecules are highly organized also could be regarded as microcave structures. In this aspect let us mention one example of fact that looked unexplainable enigma before. One of the famous persons with extra-sensual ability in Bulgaria was “baba Vanga” (1911-1996) (see in Wikipedia). Thousands of people came to her from different countries. She was completely blind. She required the person before coming to her to sleep one night on a peace of sugar. This is a compressed crystal material containing a lot of cavities. She takes that peace of sugar in here hand and get some kind of connections to the deceased relatives of the person. She tells personal things to people that only they share with their past relatives. She claims that during the session the relatives line-up around the person and they also ask questions. So she serves as a mediator-translator between the person and the spirit of his deceased relatives.

The above-mentioned story and other similar are completely unexplainable by the Modern Physics, so they are officially rejected. However, there are scientific experiments now showing that the human thinking of some individuals with strong extra sensing capability may influence weakly ordinary physical parameters. Scientific experiments have been reported at the Annual meetings of the Society for Scientific Exploration [9]. It has been also proved that when many people participate in a common pray or emotion some physical parameters are slightly changing. Telepathic connections, for example, obtain some physical explanation from the new point of view of BSM-SG (Chapter 11 of BSM-SG). It was found that the biomolecules with embedded ring atomic structures have an ability to store energy as synchronized quantum states for time much longer than the lifetime of the excited state according to Quantum Mechanics. Particularly the DNA molecule has such ability. When the stored energy is released as a short burst of energy like entangled photons, the emitted radiation has some properties like entangled photons. They have a stronger penetration capability than the ordinary EM waves. At the same time they carry the information encoded in the DNA. Some proteins containing ring atomic structures may also accumulate and release such energy. The human brain contains billions of such protein molecules. Now some sensitive equipment detect the microwave radiation from the human brain but they do not have a capability to provide a high speed record and deciphering of the complex time compressed signals. It is like an attempt to detect and decode the signal from a fast fiberoptic cable carrying many channels of information without any knowledge of the communication protocol.

Understanding the possible existence of spirit outside of human body gives a new vision about a the possibility of intelligent life existence in Universe. Firstly, the spirit may carry not only the information encoded in DNA but also from the past human life. Secondly, while the spirit may prefer to live around material objects or even planets it could be able also to travel at large distances with a speed of light because

it does not have a mass. However, very long travel may be necessary only in some extraordinary case, so we must distinguish between the super fast communication and the space travel of the spirit. As we mentioned before, the individual galaxies have an active life in tens of billions years. Before an individual galaxy carrying intelligent life began to collapse the spirits in organized way may travel to the neighboring galaxy. In this sense, the spiritual intelligent life could be everlasting. It might not be a few thousand or a million years old, as officially accepted now, but many billions and billions of years. **This might be the everlasting HOLLY SPIRIT about which Jesus Christ teach us. He put Him in the most upper position in the trinity: Holly Spirit, Father and Son.**

From BSM-SG point of view it is reasonable to accept that the spirit could be able to establish some distant super fast communication not restricted by the speed of light. BSM-SG theory predicted that if a magnetic field is established between two distant objects, super fast communication could be made, by modulation parameters inside of the magnetic line (magnetic lines are always closed). In fact the experiments known as quantum teleportation can be simply explained by kind of connection based on instant communication vastly exceeding the speed of light. The experiments of the Russian scientist N. Kozirev (1908-1986) also indicate the possibility for super fast communications with wave that are non-electromagnetic. He was able to detect the position of stars the light signal from which must arrive after a few thousands of years, so the speed of the detected signal vastly exceeds the speed of light – practically arriving instantaneously [12].

Now let us return to our real life problems challenging the assumption in Modern Physics that the mass of the material object (or gravity) is always constant. A scientific group with international collaboration provided very precision scientific experiment published in Physics Review D, A gravity variation during a total solid eclipse is measured [8]. The Russian scientist N. Kozirev demonstrated experiments in which material bodies after some specific treatment temporally loose a small fraction of their weight. The Canadian researcher John Hutchison provided multiple demonstrations of levitating objects in front of credible researchers. While the Modern Physics does not have any explanation, the BSM-SG provides understandable one. The measured effects are result of partial disturbance of the Cosmic Lattice. The more important thing, however, is that the new space concept provides a new vision about the possibility for distant space travels. The individual nodes of Cosmic Lattice structure contain Static and Dynamic features so the CL structure defines not only the propagation of the EM waves but also the gravitation. It defines also the mass of the particles, atoms, molecules and the solid object. In a normal state of the CL structure (Physical vacuum) the mass appears as a constant. In a specifically disturbed CL space, however, the mass may not only change by magnitude. It may obtain also a directional change in respect to external frame. This can be regarded as a forces field of new kind. It is completely different than the reactive propulsion used in rockets and jet airplanes. This new kind of propulsion is predicted by the BSM-SG theory and the author spent a few years for experimental research on this field. In 2008 a successful lab experiment demonstrated a small force field was achieved and reported at the 27th Annual Meeting of the Society for Scientific Exploration, Boulder, CO. (The recorded talk is on the main webpage of the Society). The predicted and demonstrated phenomenon is called Stimulated Anomalous Reaction to Gravity (SARG) effect. Other related videoclips are available also in Google and Youtube (search SARG gravito-inertial propulsion). The discovered effect gives a possibility for potential interplanetary space travels in a much efficient and faster way than the currently propelled spacecraft. On August 26, 2008 the author submitted a patent application to Canadian patent office with title: “Method and Apparatus for Spacecraft Propulsion with a Filed Shied Protection” [10].

Citations from ancient scripts and books

Today the official science is ignorant for many written stories in the ancient scripts and books despite that some common things are found between different scripts. These things obtain additional sense if they are interpreted from the point of view of the new space concept and new vision about the Universe.

Citations from “Seven Stanca” from the book of Helena P. Blavatsky, *The secret doctrine*, Vol. 1, Page 29 (She found in some ancient Chinese book).

STANZA I.

1. *The eternal parent wrapped in her ever invisible robes had slumbered once again for seven eternities.*
2. *Time was not, for it lay asleep in the infinite bosom of duration.*
3. *Universal mind was not, for there were no Ah-hi to contain it.*
4. *The seven ways to bliss were not. The great causes of misery were not, for there was no one to produce and get ensnared by them.*
5. *Darkness alone filled the boundless all, for father, mother and son were once more one, and the son had not awakened yet for the new wheel, and his pilgrimage thereon.*
6. *The seven sublime lords and the seven truths had ceased to be, and the Universe, the son of Necessity, was immersed in Paranishpanna, to be outbreathed by that which is and yet is not. Naught was.*
7. *The causes of existence had been done away with; the visible that was, and the invisible that is, rested in eternal non-being — the one being.*
8. *Alone the one form of existence stretched boundless, infinite, causeless, in dreamless sleep; and life pulsed unconscious in universal space, throughout that all-presence which is sensed by the opened eye of the Dangma.*

STANZA III.

1. . . . *The last vibration of the seventh eternity thrills through infinitude. The mother swells, expanding from within without, like the bud of the lotus.*
2. *The vibration sweeps along, touching with its swift wing the whole universe and the germ that dwelleth in darkness: the darkness that breathes over the slumbering waters of life. . .*
3. *Darkness radiates light, and light drops one solitary ray into the mother-deep. The ray shoots through the virgin egg, the ray causes the eternal egg to thrill, and drop the non-eternal germ, which condenses into the world-egg.*

The above cited extraction fits to the scenario of phase evolution of the individual galaxy (Chapter 12 of BSM-SG) before she is exploded by a galactic big bang. During this phase the matter of this galaxy is completely separated from rest of the Universe by pure empty space, so it is completely invisible from the Universe. Stanca I refers to the recycling process of the old material structures after the collapse of the old galaxy. At that time, however, the high level of matter organization and the spirit continue to exist in other galaxies of the Universe (Stanca I.8). The virgin egg in Stanca III-3 is the protogalactic egg in which the elementary particles crystallize for a new life in a unique crystallization process. Outside of this egg is a dark because EM radiation from the Universe cannot pass through the empty space.

By the way there are many stars in our galaxy that are remnants from its previous active life. These are the Globular Clusters. They are abundant not only in our but other galaxies as well. The age of stars in Globular Clusters in our galaxy is estimated to be about 20 billion years while the Big Bang theorists estimate the age of the Universe no more than 15 billions. These stars have escaped the previous galactic collapse due to some break of the Cosmic Lattice. The physical process for restoration of the lost Cosmic Lattice around these stars led them to get much closer at distance about 1000 times closer than other stars (this is a mystery for current Cosmology). They survive the full galactic collapse followed by recycling and after the new galaxy – our Milky Way was born they

became again members. However, their matter did not recycle and recrystallized so they have unusual physical properties, not explained so far by cosmologists.

Extract from Gospel of Thomas:

2. *Jesus said: "Those who seek should not stop seeking until they find. When they find, they will be disturbed. When they are disturbed, they will marvel, and will reign over all. [And after they have reigned they will rest]."*
5. *Jesus said, "Know what is in front of your face, and what is hidden from you will be disclosed to you. For there is nothing hidden that will not be revealed."*
11. *Jesus said: "This heaven will pass away, and the one above it will pass away. The dead are not alive, and the living will not die. During the days when you ate what is dead, you made it come alive"*

There is not a boundary of knowledge, which means there is not something that could not be explained by human logic. This is contrary to the statements that human logic fails (in Quantum Mechanics for example).

Extract from the Gospel of Paul about the spirit after death:

My body let go of this life and I died. In death, a great white light, brighter than the Sun, stood before me. Unlike the sun, I could look at the light without burning my eyes. All suffering was gone. Love consumed me. All worry was gone. I saw myself floating above my body, and the people caring for me down below. I saw the sorrow in my wife's eyes, and I saw my broken body.

Son, Farther, and Holly Spirit

Jesus Christ says that he is son of his Father, our God. In the hierarchy, however he put the Holly Spirit at the highest level, then his Father.

Extract from the Gospel of Thomas:

44. Jesus said, "whoever blasphemes against the father will be forgiven, and whoever blasphemes against the son will be forgiven, but whoever blasphemes against the holy spirit will not be forgiven, either on earth or in heaven"

..

Extract from the The Gospel of Judas:

[Come], That I may teach you about the (things) ... that [no] human will see. For there exists a great and boundless aeon, whose extent no generation of angels could see, [in] which is the invisible Spirit

.

The invisible "aeon" is the Cosmic Lattice that is really boundless until we see very distant galaxies. The invisible Spirit is the Holly Spirit mentioned by Jesus elsewhere. In some ancient books it is named also as a Great Invisible Spirit.

Who is the Father?

Extract from the Gospel of Judas:

...then will the image from great generation of Adam be exalted, for prior to heaven, earth, and the angels, that generation, which is from aeons, exists.

Conclusions

Our civilization is in a fast development stage. One sad thing is that despite the huge advance in the technology we still have to obey some wrong canonical establishments. The concept of space is the most important of them. The Theoretical Physics is not a Physics of reality. Relying on a wrong concept we could not arrive to correct vision about Nature and Universe. In this situation our advance in different fields is based on empirical study instead of fundamental understanding. This puts the humanity into big risks, because some bad consequences may occur later. Many technological achievements could be used for good and for bad. One example of bad achievement is the nuclear weapon. Presently, the bad consequences of its possible use are only partially recognized. From the point of view of BSM-SG theory the most dangerous consequence is a partial loss of the Earth atmosphere from some strong nuclear explosion in the atmosphere [11]. Another achievement that could be used for good and for bad is the genetic engineering. The consequences are still unknown. Our politicians and decision makers behave with the presumption that we are product of evolution on the Earth without any predecessors or if there is some intelligent life it could never reach our planet.

Recently some group of BHA organization tried to spread internationally the opinion that there is no God. They raised funds for spreading slogans like "There's probably no God. Now stop worrying and enjoy your life". The meaning behind this is that we are like a God, because we are so advanced and away from any possible intelligent life that nobody could challenge and teach us how to live. All this is a result of the canonical establishment that put a boundary of our fundamental understanding of Nature and Universe.

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