

*What can I know?
What ought I to do?
What may I hope? [1]*
I. Kant

Protogeometer: Falling Into Future

Vladimir I. Rogozhin ideabank@yandex.ru
April 12, 2014

Abstract. Universe silence ... Why? TechnoSfera ... Where does it move? BioSfera ... Where is the “non-return point”? NooSfera ... What to do? The deep mind looks for primordial senses of the “LifeWorld”(“LebensWelt”). Consciousness, matter, memory ... Self-Consciousness... Consciousness is attracting senses vector magnitude, intentional effect of absolute complexity. The Vector of Consciousness - the Triune Vector of absolute forms of existence of matter (limit states), the Vector of the Absolute Existential Field of the Universe, a polyvalent sense phenomenon of Ontological (structural, cosmic) Memory. Open Consciousness Vs. Closed Consciousness. Conceptual and mathematical proto-Eidoses Absolute forms of existence of matter. On the basis of ontological and existential constructing method – method of a discretion and a reflection of existential repère-point, the Vector of Consciousness places milestones on ProtoGeometre's long way – the way of “knowledge of good and evil”, of rises and fallings, of births of “absolutely another”, from the point “Alpha” to the modern “point” of ultimate tension of the Absolute Existential Field of the Universe. Big waves of Consciousness. Existential risks of Humanity and Open Science. New Open Generation realizing all existential risks of Humanity passable way and risks of coming Information era creates the Self-Aware Universe, filling it with the most deep meanings of the “LifeWorld”, at the heart of which Axiom of an absolute freedom of choice is laid. The minimum Program to overcome existential risks. Great Integrative Paradigm. Creation of a common sense picture of the World for physicists and lyricist. The United Humanity raises up five Great Philosophers' Stones in memory of Protogeometre's rises and fallings on a long way of becoming of Humanity and frees the Horse. Humanity is on a threshold of an Era of Eonic thinking... Far from Perfect ... I start the path...

Introduction into Cogito and my Philosophical Journey to the top of Geometry

*It is by a mathematical point only that we are wise,
as the sailor or the fugitive slave keeps the polestar in his eye;
but that is sufficient guidance for all our life.
We may not arrive at our port within a calculable period,
but we would preserve the true course. [2]*

Henry David Thoreau

In my two essays for FQXi – 2012, 2013 contests the *New Eidos* of the Information Era Universum is presented, discloses the nature and essence of information and time .[3,4] I started my researches in far 1990. Once that time I incidentally saw an American magazine in one of newsstands of Sochi city. There was the heading “Last Date - 2030 year” on its first cover. [5] I felt existential “futuristic-shock” after reading this article. And as a result my mind was involved in searching of answers to the questions about Humanity past and future, about the future of my five-year-old daughter Victoria. Courses of philosophy and history I studied didn't give me the clear and distinct answer to the questions posed. The past seemed a heap of the facts, but the clear and distinct *eidos* of a way of Humanity becoming as uniform community on the Earth planet was not seen.

I was faced by a question: What my searching could be based on? First of all, on Cartesian “*I think, therefore I am*”, his *Methodic Doubt*. But knew experience was necessary for searching of original deep meanings lying in the base of knowledge.

And what I have to begin with in my way to initial meanings and to primal source of knowledge?

And once in my way from supermarket with milk and cottage cheese for my daughter Victoria I felt like the lightning flashed above me: “*Vector of Consciousness*”... “*The Consciousness is attracting senses vector magnitude*”. And this idea as a good old kind friend, took me by hand and pushed me to the library. There my *first guides* on my way to initial meanings became Pierre Teilhard de Chardin and his “*The Human Phenomenon*”, Yury Semenov and his “*At the dawn of Human History*”, Edmund Husserl and his “*Crisis of the European Sciences and Transcendental Phenomenology*”, “*Origin of Geometry*”, Ilya Prigozhin and his “*Order out of chaos: Man's new dialogue with nature*”. Karl Popper – “*The Open Society and Its Enemies*”. Each of guides carried out the functions on a long trip. Pierre Teilhard de Chardin marked *existential points* – “*Alpha*” and “*Omega*”, Edmund Husserl marked the direction and methodology of search of “*buried*” *primordial senses*, Karl Popper absolutely actualized an existential “*openness – closeness*” dilemma of human communities.

Nearly four centuries of development of New era science showed the enormous converting power of Mind. But what forced E. Husserl to write anxious and simultaneously extremely optimistic “*Crisis of the European sciences and Transcendental Phenomenology*” in period between two world wars? Here are still actual thoughts of the great philosopher:

“The true struggles of our time, the only ones which are significant, are struggles between humanity which has already collapsed and humanity which still has roots but is struggling to keep them or find new ones. The genuine spiritual struggles of European humanity as such take the form of the struggle between the philosophies, that is, between the skeptical philosophies-or nonphilosophies, which retain the word but not the task – and the actual and still vital philosophies. But the vitality of the latter consists in the fact that they are struggling for their own true and genuine meaning and thus for the meaning for a genuine humanity.” [6]

E.Husserl presents “the enormous importance of understanding of deep motives of crisis for a long time affecting new era philosophy and science and amplifying nowadays”.

As a main idea of Galileo’s physics E.Husserl indicates the nature as a mathematical Universe. “The Arithmetization of Geometry” led to destruction of its sense. Galileo’s fatal omission and delusion was caused by ambiguity of matematization sense, by initial semantic procedure of idealization, and by nature of world of geometrical ideal figures.

And, by E. Husserl, nothing changed after quasi philosophical and destructive criticism of “classical laws of causality” made by representatives of *new nuclear physics*. In spite of all its innovations the idea of the nature, mathematical in itself, and *interpreted in formulas and only thanks to formulas remained*. Why actually there is no *mathematics of Nature* and why we have no chance to open the system of axioms peculiar to the Nature as certain original, *apodictically obvious axiom?* – asks E. Husserl. As a result, investigating fundamental value of a problem of genesis of mathematical natural sciences, Husserl concludes:

“The theoretical task and all achievements of natural sciences (and world science in general) covering infinite subjects only by means of infinity of methods which becomes dominating only thanks to the technical thinking losing sense, and thanks to technical activity, can remain really and initially intelligent only in case if the scientist creates an ability in himself to raise a question of initial sense of all sense meanings and methods - of their historically initial sense, first of all about sense of all of that is accepted by us without any check and similarly all subsequent sense inherited by us. But without understanding of the beginnings it is impossible to understand this development as senses deplo. Herefore the philosophy is a universal science about the world which has to be constructed as the united and rational theory of “*more geometrico*”. [6]

Whether the science and philosophy overcame *this sense foundations crisis* about which E. Husserl writes? Crisis only amplified, despite all achievements of science for last 70 years

after publication of Husserl's research. Crisis flows in two directions: strengthening of opposition of *Homo sapiens sapiens* and Nature and deep essential crisis of fundamental science bases. "Burial" under a heap of millennia of primordial scenes of geometry, a mechanistic power mainstream of "segment paradigm"[7] when other competitive paradigms were squeezed out on the periphery of the directions of scientific search as a result led to loss of certainty both in mathematics, and in physics, and that the most sad - to semantic inferiority of the initial bases of scientific picture of the world.

Process of certainty loss began in the middle of the 19th century simultaneously in mathematics and physics. The empirical helped physicists. Mathematics escaped by withdrawal on the highest abstraction levels. And as a result the increasing separation *from "buried" primordial senses occurred*. The peak of "certainty loss" epoch in physics is the "string" epic proceeding already more than forty years. The domination result of "segment paradigm", "science of formulas", led not only to loss of deep meanings of the "LifeWorld" ("LebensWelt") in basic Universe model, but to amplifying semantic crisis of "European science" about which Edmund Husserl spoke.

This deep existential crisis of Science generated alarms for all Humanity. Bright example of it could be the article in the "America" magazine and a series from 33 reports of *The Club of Roma* for the last forty years from its basis.[8] As the basic principles of the Kyoto Protocol show, the Humanity yet didn't realize all depth of global existential risks.

Thus in travel with Protogeometr and "Vector of Consciousness" placing milestones on the passable way from the most remote sense-distinguishable depths, from *existential point "Alpha"* which is "the beginning of geometry", to nowadays "point" represented by the status of Humanity and further - to *the "point Omega"*. Thereby we shall try to see the waves of Absolute spirit, waves of rises and fallings of the genus Homo, waves of Humanity becoming ...

Protogeometer's Ups and Downs on the Way of Knowledge

The way up and down, one and the same. [9]

Heraclites

We will go for search initial geometry "buried senses" much farther, than E.Husserl planned. [7]. The most remote sense distinguishable *extreme universal event* in the history of Humanity is *creation* by "Protogeometer" [10], peculiar total eidos of cosmic Homo genus, the first tool and the first weapon. This creation was ideal at first, based on imagination and concentration, and then happened real transformation of ideality into manual cut, so-called chopping - tools. It was *initial constituting act, the first Sign and the first Knowledge*, "catching up" an eidos of the first absolute form of existence of matter - a *straight line*. It was the *first repère-point, the first universal event* explained as metaphorical "loss" of our ancestor from Nature, the first "downfall", the first pluck of "Apple" from "Tree of Knowledge of Good and Evil". It was also *the first "mathematical act"*. Therefore searching of "buried meanings" which E.Husserl speaks to us about, can continue only in line of "geometrical evidence" *discretion*. It happened about 2,5-3 million years ago. First Sign of Protogeometer's - our's ancestor from a valley of Olduvai at Mount Kilimanjaro - appearance in this World was *a sign of prototectonics, first-forming sign*.

The first exit "for a side" is an initial point of *consciousness inversion*, its turn (entropia), and as a result - *its gradual closure from external integrity*. Since *Homo habilis era* - the era of "Homo skillful" - *splitting* of big groups into smaller subgroups with more closed hierarchical system of domination started. The Homo habilis technology of Olduvai required only three or five blows to a stone for receiving the first tool. [11]

Obviously, *in place of first establishing act* the Humanity will raise the Big Philosophers' Stone - a symbol of the beginning of Protogeometer's revaluation of the world and himself, and appearance of the first tool and the first weapon.

About 1,6 million years ago "the Vector of consciousness" of Protogeometer came nearer to the bottom side of "abyss of being". At some instant time "the law of stress" internally and externally undermining the borders of social proto-structure becomes acting within Homo

habilis enclosed primitive society. As a result – *revolution (reversion) of consciousness with break of the first “consciousness circle” happened*. It was the first cardinal “*beyond datum spread*” and horizons of being expansion. The closed structure of vertical domination was overcome gradually *under the influence of opening consciousness*. And it considered to be *the second extreme universal event*. As a result - the birth of “*absolutely another*” - *Homo erectus*, “upright Man” happened. The “revolution” lasted from 50 to 100 thousand years. It was the first jump, *the first universal emergence*. The consciousness expanded beyond the “horizon”, *Homo erectus* started to explore spaces of Europe and Asia.

New period, new phase started - *a phase of the first cosmic consciousness*, a phase of “cooperative interaction” when “the Vector consciousness” of Protogeometer began “sliding” *on the top side of “the abyss of being”*. Consciousness was uniform with Nature and Space. It slowly raised upon abstraction levels.

New relationships appeared within *Homo erectus* primitive society, moral, pre-moral defining standards of behavior of all members of a primitive society raised. The first signs of altruistic behavior were noted at *Homo erectus* more than 1,5 million years ago.

During one million years, *Homo erectus* migrated from Africa to open spaces of the Southern and Central Europe, the Southern Asia and the islands of Indonesia. The brain of *Homo erectus* increased by 25-30%, vs. *Homo habilis*.

Growth of information volume within the primitive society is confirmed by evolution of equipment for stone processing in tools creation about 25 blows was required for its production. It was obvious transition of consciousness of our ancestors to new levels of abstraction.

The phase of *first cosmic consciousness* lasting about 1 million years, comes to the end with *the third extreme universal event* – “*domestication of fire*” as “catching up” of *proto-Eidos of second absolute form of existence of matter – a circular motion and idea of “center” as a living source* by the genus *Homo*.

“Domestication of fire” (“Prometheus's effect”) is a rapid growth of information power of primitive society that became a defining factor in “opposition” of the person to external forces of Nature. “Domestication of fire” became the second apple pluck from the “Tree of knowledge of good and evil”, second “fall down”. “Fascinated by fire” the consciousness began the new turn (entropia), gradually pressing the bottom layers - floors and cellar of “*archetypes house*” – *sub-consciousness*. There was *the second process of inversion of consciousness and gradual “closing” of system*. The phase of “system differentiation” and an era of “big Neanderthal man” began. Primitive paleoanthropic society were split up for smaller closed groups with system of vertical domination. Gradually “Big Neanderthal man” goes to caves. It was the time when primitive paleoanthropic society lived *without communicating with each other in tens of thousands of years*.

Mental temperature steadily increased in closed paleoanthropic communities. Since the consciousness continued to grow (that is possible to determine by complication of instruments of labor), another “opening”, creative force directed to expansion of semantic space gradually increased. This difficult wave process of “mental” temperature increase and simultaneous growth of consciousness was shown in origin of a totemism, magic, fetishism and funeral cults.

There was a communication channel narrowing to external integrity, to space of “due” within Neanderthal closed communities. Totem and magic ceremonies partially reestablished this “mysterious communication”.

The origin of totemism and magic lays at the beginning of *totemic consciousness phase*. On the one hand, it was self-reflecting process at the level of group, and with another - gradual search of ways of break of “*consciousness circle*”, restoration and strengthening of communication with external integrity.

And here Protogeometer’s “Vector of consciousness” gradually came nearer to *the fourth limit (bottom) point* when “the mental temperature” reaches the maximum. Only 40 thousand years ago, in this *extreme existential point* of the bottom side of “the abyss being”

the fourth extreme universal event happened. There was *the second break of “a consciousness circle”*, return to “absolutely to another”, to space of “due”. It was *the second semantic, spiritual, negentropic revolution, the second great opening of the World*. The new Man was born – and it was Homo sapiens sapiens. The new *open horizontal structure* of higher level of organization - a dual maternal generation - appeared. The circle of “neighbor” extended, tribes appeared. “Cults of clans” and “cults of ancestors” expanded more and more in semantic space, stabilizing the whole system. There came a *new phase of “cooperative interaction”*. Balance of society with natural ecological environment as an object of the labor, in societies and between various societies was reached. It was promoted by “*psychology of gratuitous donation*” as readiness to endow individual interests, even life in favor of genus.

Along with “body language” the language of the external speech developed. The language families occupying considerable spaces were created. Processes of “spreading” of languages of oral speech and development of “cave” art as expression of “language of geometrical representations”, gave the chance to determine scales of expansion of semantic space and to catch *small “consciousness waves”*.

From the Existential Triads of the Being First Homo sapiens sapiens to the Self-Aware Universe

Aion is a child playing, playing checkers; power over the world belongs to the child. [9]

Heraclites

During the period between the moment of Homo sapiens sapiens birth and “neolytic revolution” the structure of an ideal sanctuary was determined by rock painting in caves. [12] There was the main composition - *a horse (“the first animal”), a bison or a bull (“the second animal”) and “the third animal” (a deer, a fallow deer, a mammoth) - in the centre of the sanctuary*. The ancient art, existed more than 20 thousand years, kept absolute statistically topographical monotony. It allowed to conclude that it was *the mythology* which could be the only ideological form reflected in *stable graphic system*. The ancient mythology reflected the universal ideology and had *a triad cosmogony in its basis*.

The world’s first sign system is divided into three classes: the first class belongs to *a mythological subject circle*. The second class - *quantitative signs*: unary and double lines, ranks of lines and punctuations. The third class - *qualitative signs*: *triangle, arrow, cross, rectangle, zigzag*. It was language in which Space began to talk with Homo – “*the language of geometrical representations*”.

Taking into account that the horse was on the first place in a sanctuary of a Man of the top paleolith, the moment of its overthrow from a pedestal is considered to be *the repère-point and the beginning of the third stage of “capture” of the Nature*, the third “apple pluck”, third “downfall”. Sacred Horse (Nature) saddling became *the fifth extreme universal event, the beginning of the third inversion of consciousness*, Homo sapiens falling to “Ego Land”, the beginning of the cult of force and war era.

The Middle East, Egypt and India civilizations development took place almost synchronously during 5400-4500 years ago. It was *the beginning of closing culture expansion, the beginning of ego-consciousness phase*, phase of system differentiation and construction of the closed public structures. It was process of “break” of semantic time and “compression” of semantic space, the beginning of sliding to the bottom side of “the abyss of being”. Genus Homo followed “old traces”, to the shadow of “the big Neanderthal man”. Transition from triad vision of the World to diode, to *dichotomizing thinking* began.

About 2,5 thousand years ago all people moving to “Olympus” approached to the bottom side of “the abyss of being”. It was the beginning of “axial time” or “Axial Age”[13] with its alternately replaced paradigms of knowledge: “*sphere paradigm*” - an antique era, “*beam paradigm*” - the Middle Ages, and modern “*segment paradigm*” [7] or “*techno paradigm*” - Modern time. “Nomos” moved further and further from “Logos”. “Logos” underwent cognitive attacks which *emasculated initial meanings* and “*split up*” Logos into “laws of

nature” more and more. Gradual desacralisation of knowledge took place, ontological and divine steps of the Universe were rejected. The result of a desacralization and deontologization of knowledge became crisis of fundamental knowledge bases, “crisis of interpretation and representation”, “crisis of understanding”. Policy was also captured by the process of “atomization”: being previously the sphere of high ideas it became “the sphere of things and forces”, the field of collisions of atomic individuals and “force centres”.

Globalization Modern Era, increasing existential risks of Humanity, demand new, “*over generalizing paradigm*” which will give the firm foundation to Knowledge, will establish its “carcass” and “framework”, and will return *the primordial senses of the Life World* into scientific picture of the world. *The new integrative paradigm* of knowledge will generate *new Universe eidos–Eidos of the Self-Aware Universe*. [14] Only “*language of geometrical representations*” could become the language in which it would be possible to construct such *Eidos*. The main task of fundamental Science is to understand it, and then “to grab” “the general frame structure” of knowledge and Universe.

This is the way of existential ups and downs passed by ProtoGeometer during 3 million years ... And more than ever earlier today Humanity faced the question: “To be or not to be?” Suffered from three world wars during hundred years, Homo sapiens sapiens more and more realizes escalating global existential risks of Humanity on the way of knowledge and falling to “*land of Ego*”. The new Era demands creation of the new concept of *Open Knowledge*, moving to the *New Renaissance-Enlightenment Global Era*. Such era has already come to our homes, and *the deepest mind can and must direct Humanity* from the way of sliding down on a cool slope of *the Meru mountain* to the way of lifting to its top pointing directly to *Polar Star* – “The main Tsarina of the Sacred Sky”. [15]

Existential risks of Humanity and the Open Science

Today more than ever earlier it is necessary to create the new thinking which considers interrelation of the processes happening in the modern world, the situation generated by scientific and technical progress, conditions of a nuclear era.[16]
Aurelio Peccei

I remember only two days in daily history of Humanity: October, 27, 1962 and February, 15, 2013. The first date is - *Cuban missile crisis*, «Black Saturday», when Humanity was on the verge of nuclear war. There were only two representatives of the genus Homo sapiens sapiens – Kennedy and Khrushchev – who determined the destiny of Humanity. I was a child when I was touched by the experience of this day and I wondered: why two persons decide the destiny of Humanity?

The second date - February 15, 2013 – is meteorite falling near Chelyabinsk. And the question that raised at that moment: where were the Science? Why there was no notification about the forthcoming danger from Space? Now leading experts recognized that creation of timely system of notification is possible only in case if efforts of all Humanity are combined.

Sir Martin Rees estimated probability of death of human total mortality in the XXI century at 50 percent.[17] I believe that the Humanity is able to reduce this probability if it undertakes all necessary actions and integrates the efforts.

What conclusion could we see if we had a look at the whole way of development of science in 400 years of Modern times? The conclusion is single: Humanity needs the Science opened for society. The optimistic program of a sustainable development of Humanity and building of sustainable “LifeWorld” are possible only on the basis of comprehensive open monitoring and an assessment of global existential risks, the joint open action programs of the open world community, the governments and non-governmental structures on minimization and prevention of threats to Humanity.

Existential risks of modern Humanity:

I. Civilization risks of segregated Humanity: Open consciousness vs, Closed consciousness. Open society vs. Closed Society.

II. Technological risks: 1. Nuclear, chemical, biological and psychothrone weapon. 2. Biotechnologies and genetic designing. 3. Nanotechnologies. 4. Artificial intelligence. 5. Colliders. 6. Extra deep penetration into Earth subsoil. 7. Exploration of Space. 8. Technological ways of natural disasters provoking. 9. The technological risks connected with new technological openings.

III. Anthropogenous risks: 1. Climate changes. 2. Exhaustion of resources. 3. Biosphere crash. 4. Provocation of mass loss of interest to life. 5. Erasing of borders of human trends. 6. Genetic degradation.

IV. Risks global social and economic destabilization: 1. Social stratification. 2. Unstable world financial system.

V. Natural risks: 1. Pandemics. 2. Asteroids. 3. Supervolcanoes. 4. Solarflashes.

All existential risks of Humanity can be divided into two groups: the risks created by Homo sapiens and risks of Space, or natural risks.

To overcome risks of the first group does not make big work to the integrated Humanity. The only thing required is will – will to Live, to create sustainable “LifeWorld”. It is the man striving for Open Knowledge who can be really free. *The Open Knowledge* generates justice, harmony, moderation. Justice generates the fair Law-Logos giving an orientation and limits of reasonable action to Humanity.

Concerned scientists, businessmen and citizens of the different countries have already created effective system on research of existential risks of Humanity. Here are the most known organizations: The Club of Rome, The Future of Humanity Institute, The Global Catastrophic Risk Institute, The Centre for Study of Existential Risk. But obviously it is not enough. The global multilevel system of researches, effective programs and structures on prevention of existential risks of Humanity is required.

Modern information technologies give the chance of active creation of *open society of free citizens* realizing the way on the planet Earth, remembering last way of Humanity, thinking of what world they leave to grandsons and future generations will look like. Open technologies create *new open generation of free thinking people*.

The current state of Humanity and Nature dictates the actual *Minimum program of joint actions of new Open Generation* setting up the limits of integrity Universe - single, special and general – “*SkyPe Generation*”.

There are two streams of actions directions: The United Nations and the Joint Civil Communities represented by public non-governmental structures.

The Minimum program must include:

- Open World programs of research and continuous monitoring of global existential risks;
- Open World programs of creation of effective Global system of overcoming of risks created by Homo sapiens sapiens. First of all it includes the risks created on the basis of an economic paradigm of spontaneous existential chaos, Homo sapiens opposition to Nature, “terrestrial Nomos” – to “heavenly Logos”. Creation of new global economy and new ethics of Information era – *existentially Open Eco-Economy and Eco-Ethics*;
- Open World programs of effective overcoming of natural risks;
- Deep radical reforms of education systems directed on education of *the creative, responsible and ethical human*. The philosophy and Ethics have to be the main basic disciplines in education of existentially open personality;
- Creation of global and national social networks in accordance with new existential principles (Existential Social Networks 4.0);
- Development of systems of *direct and open democracy* at all levels of human life taking into account ancient and modern experience (Open Deep Democracy);
- Creation of necessary structures (UN, country, civil society).

Kofi Annan, UN former Secretary General, noted in 2006:

“... we do not have such organizations which are necessary to us to give the answer to global challenges of this century. It is vital that we got out of this deadlock.” [18]

The current state of Humanity demands *deep UN reboot* taking into account memory of destiny of League of Nations, tragic results of world wars and current state of the world – “*The UN 3.0*”, namely:

- creation of Committee on Global existential risks or World Council for Global existential risks;
- creation of the Open Fund on research of existential risks of Humanity;
- UN activation in the direction of the world disarmament, assistance to open science, national cultures, international cooperation and people's diplomacy development;
- creation of new Global System of Existential Safety on the basis of new open principles;
- creation of single Global system of Space exploration;
- creation of Global system of search and selection of new knowledge;
- recognized and deliberate relocation of UN headquarters to “the country of ices” - Iceland, to Reykjavík or Keflavík where the Nature itself speaks to Humanity the necessity of active actions on nature preservation. Iceland – the country of “breathing Earth” – is a nice place for deep reflections and new ideas, one of the most peaceful countries in the world where people suffered the consequences of the recent world economic crisis most deeply and the country which have successfully applied the principles of direct democracy;
- transfer of a complex of buildings of the UN in “The City of the Covenant” - the place of concentration of the world cultures which has endured existential shock at 11.09.01 - to the operating and new global non-governmental organizations aspiring to create the steady, democratic world, to save Man and Nature, to hold World public forums on existential risks of Humanity, human rights and the rights of the people, to support Open World scientific, philosophical, ecological, social and economic forums;
- creation of the World Center of people's diplomacy (“Union of People” World Center), intended for development and promotion of Kant's idea of “union of people”; [19]
- holding the World forums of Mother-Earth people
- creation on new existential principles of the European safety system, development and promotion of idea of “Big Europe” as “union of people” from the Azores in the West to the Diomed Islands in the East, with the main candidate for the capital status - *Tartu city*, the ancient place where people and cultures of Western and Eastern Europe meets in one point, the second candidate is *Knigs-Grad*;
- promotion of idea of *Open Science* as deep driving force on overcoming of existential risks, global and regional crises in development of Humanity.

The result of Protogeometers travel is: the deep reason of “SkyPe Generation”, realized all existential risks of Information era in common creates Self-Aware Universe, filling it with the most deep meanings of “life world”, at the heart of which there is the Axiom of freedom of an absolute choice: Path to the future is chosen by the one who has to be born – the Heavenly child. The time came. Protogeometer sees the “Omega point”. [20]

Findings for choice of the path to the Future

*Tired in my way I asked the destiny:
“Who pushes me in my back so ruthlessly?” –
“Look back!” – I look – and the complaint ceases:
It is my past who pushes me forward. [21]
Rabindranath Tagore*

1. Anything on the Earth does not pass completely ... [22]
2. To hear the Universe voice and to behold its Eidos, Protogeometer has to stop and hear the voice of Earth [23], think over passable way deeply [24] and let the Horse go on “International Mother Earth Day”. [25]
3. New generations of People of Earth create system of direct open democracy (Open Deep Democracy).

4. The global system of people's diplomacy gradually creating "union of people" on Earth as aspiration of Humanity to "everlasting peace" is formed. [19]
5. Creation of system of global existential taboos.
6. Humanity is on the verge of Eonical Thought Era. "Paradigm of part" ("segment paradigm", "techno paradigm") gives way to the Paradigm of the whole. "Great Paradigm, come!"[26]
7. The Open Generation hoping begins the path to the Future ... [27,28] Far from Perfect... I start the path... [29]

References

- [1] Kant I. Kritika chistogo razuma [Critique of Pure Reason]. M., 1994
- [2] Genri Devid Toro. Uolden, ili zhisn v lesu [Walden, or Life in the Woods] M., 1979
- [3] Vladimir I.Rogozhin. Paradigm of the Part Vs. Paradigm of the Whole...The Absolute Generating Structure <http://www.fqxi.org/community/forum/topic/1362> (Web: April 12, 2014)
- [4].Vladimir.I.Rogozhin. It from Δ -Logit <http://fqxi.org/community/forum/topic/1796> (Web: April 11, 2014)
- [5] L.Brown, K. Flavin, S. Postel. Konechniy srok-2030 god [Last Date - 2030 year]// America. 1990..№ 1.
- [6] E. Husserl. Krizis evropeyskogo chelovechestva i transcendentalnaya fenomenologiya [The Crisis of European Sciences and Transcendental Phenomenology] <http://philosophy.ru/library/husserl/01/00.html> (Web: April 11, 2014)
- [7] A.Dugin. Evolyutsiya paradigmatnykh osnovaniy nauki [Paradigms bases of science evolution] M., Arktogeta, 2002
- [8] The Club of Rome. Reports <http://ru.wikipedia.org/> (Web: April 11, 2014)
- [9] Geraklit Efesskiy. Vse nasledie [Heraclitus. All Heritage]. M., 2012
- [10] E. Husserl Nachalo Geometriyi [Origin of Geometry]. Jacques's introduction Derrida. M.: Ad Marginem, 1996.
- [11] Y. Semenov. Na zare chelovecheskoy istoriyi [At the dawn of human history]. M, 1987
- [12] N. Klyagin. Proishozhdeniye tsivilizatsiyi [Civilization Genesis (socially - philosophical aspect)]. M, 1996.
- [13] K. Jaspers. Smysl i naznacheniyе istorii [Sense and purpose of history]. M, 1991.
- [14] V. Nalimov. Osoznayuchaya sebya Vselennaya [Self-Aware Universe]. Astronomy and modern picture of the world. — M. : IFRAN, 1996
- [15] Zemlya. Chronika zhizni [Earth. Chronicle of life]. <http://earth-chronicles.ru/news/2013-12-29-57005> (Web: April 11, 2014)
- [16] A. Peccei. Chelovecheskie kachestva [Human qualities]. — M.: "Progress", 1980
- [17] Sir Martin Rees, Our Final Century? : Will the Human Race Survive the Twenty-first Century? William Heinemann (UK): ISBN 0-434-00809-5, 2004
- [18] Kofi Annan. Moment istiny dlya Organizatsiyi Obyedinennykh Natsiy [The truth moment for the United Nations] / http://naviny.by/rubrics/abroad/2006/06/13/ic_articles_118_133148/ (Web: April 11, 2014)
- [19] I. Kant. Sochineniya [Works Book] : в 8 т. M., 1994
- [20] P. Teilard de Chardin Fenomen Cheloveka [The Human Phenomenon]. M.: Science, 1987
- [21] Molnii i Lotosy. Indiyskaya lirika XX veka v perevode S.Severtseva [Lightning and Lotuses. Indian poetry of the XX century. Translation S.Severtsev]. M. 1975
- [22] A.Pakhmutova, N. Dobronravov. Kak molody my byli [How young we were] <http://www.youtube.com/watch?v=e4OZ7mW2R6I> (Web: April 11, 2014)
- [23] Michael Jackson – Earth Song <http://www.youtube.com/watch?v=XAi3VTSdTxU> (Web: April 11, 2014)

- [24] V. Vasnetsov Rytsar na raspuye [Hero at the crossroads]
<http://nearyou.ru/vvasnetsov/rvit82.html> (Web: April 11, 2014)
- [25] V. Chernitsky, V. Bolshakov. Ya podozval konya [I Called Up a Horse]
<http://www.youtube.com/watch?v=xmVFBh6KaoE> (Web: April 11, 2014)
- [26] V. Novikov. V ozhidaniyi paradigmi [Waiting for a paradigm]. “The Free Press”
10.11.12 <http://svpressa.ru/society/article/60628/> (Web: April 11, 2014)
- [27] Albano & Romina Power. Libertà
<http://www.youtube.com/watch?v=94IGca5Q0GY> (Web: April 11, 2014)
- [28] A.Pakhmutova, N Dobronravov, Nadezhda [Hope] /
<http://www.youtube.com/watch?v=ZdUtTDWwjd4> (Web: April 11, 2014)
- [29] E.Krylatov, Y.Entin. Prekrasnoe daleko [Far from Perfect]
<http://www.youtube.com/watch?v=HidsxDjRYA4> (Web: April 11, 2014)
<http://www.youtube.com/watch?v=XueqDSQQcvA> (Web: April 11, 2014)

Other guiders on my travel during quarter of the century: <http://ontotopology.ru/lit.php>
(Web: April 11, 2014)