

ALTERNATIVE MECHANISMS of THE PHYSICAL PHENOMENA in MICRO- and MACROCOSM

The science should give the knowledge of world around for society. The society with the help of knowledge defines the rational ways of the development. However from the beginning of 20-th century the science, in particular the physical science, gives the fictional representations about the world. In this connection, there is a sharp necessity of realization of a series of scientific conferences with theme “Alternative mechanisms of the physical phenomena in micro- and macrocosm”.

There are two theories in a basis of modern physics: Theory of Relativity (TR) and Quantum Theory. As it is known, the first one was created in the second decade of the twentieth century and second theory is appeared in third decade. The essence of the Theory of Relativity is the following. In it at the description of electromagnetic interactions the dependence on velocity of mass, space and time is inputted instead of dependence on velocity of force. However this essence is latent because the description is expressed in four-dimensional coordinates instead of three-dimensional [1]. At the description of gravitational interactions in the General Theory of Relativity (GTR) the finitesimal speed of gravitation propagation is entered and is equalled to speed of light. This innovation is caused by Einstein’s desire to approach the description of gravitational interactions to the description electromagnetic one and thus to create the united theory of the world description. However this essence is latent because the description of gravitational interactions is expressed not only in four-dimensional coordinates but also in curvilinear geometry.

The essence of the Quantum Theory is that the statistical methods are used for the interactions description of multitude of microparticles. Therefore the representation about a single particle is lost: it is unknown its size, coordinates, velocity and other parameters, which are inherent to each real object of the outworld. However this essence is latent because the description is executed completely in the abstract mathematical terms.

The description of interactions in the relativistic and quantum theories has resulted in abstract mathematical concepts that the outworld have begun to interpret and to understand through these abstract images. The thinking of the physicists-theorists has passed in abstract area, and the real environmental world has ceased to be object of studying and cognizing. The opinion was generated, that any alogical and absurd explanations of the outworld are admitted, because world is basically incognizable. Such understanding began to be formed and in other sciences and it has passed at life of a society. The representation about assignment of the man and purpose of his life is lost. The absurd purposes and tasks of a human society were generated, many of which for him are pernicious. Here pertinently to mention the conclusion of Glenn Borchardt [2], that the era of indeterminism has come in society.

Above we told about a prevailing direction in a science, which is official and is supported by state financing. Alongside with it there is a huge amount of the researchers, which are basing on classical representations about a science. They do not accept a modern physical picture of the world and develop alternative mechanisms of the physical phenomena. Many from them has become by the outstanding experts in different areas of a science and engineering. A some numbers of these researchers were united around of journals “Apeiron”, “Physics Essays”, “Galilean Electrodynamics”, “General Science” (internet-journal) and others. In the USSR at 50-th years of XX century these researchers have created the Lomonosov’s physical coterie, and since the end 80-th they were united around of the International Conference “Space. Time. Gravitation”. Now among many international associations of such dissident-physicists it should be noted “Natural Philosophy Alliance” (NPA) and “Alternative Cosmological Group” (ACG). It is need to note that the scientists

of prevailing direction in physics have created last association. They have seen hopelessness of a continuous heaping of hypotheses for patching of holes, which are formed at occurrence of new results of observations or experiments.

However the works of dissident-physicists are not published in the official publications, therefore are not known for a society and do not receive the further development in the official science.

In this connection, I see necessity of realization of the international scientific conferences on a theme “*Alternative mechanisms of the physical phenomena in micro- and macrocosm*”. These conferences will promote an establishment of scientific truth and becomes rotary point in development of society, when the human mind will work for the solution of problems in interests of all society instead of in interests of the domineering persons.

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References

1. Smulsky J.J. The Theory of Interaction. - Ekaterinburg: Publishing house “ Cultural Information Bank ”. - 2004, - 304 p. http://www.ikz.ru/~smulski/TVEnA5_2.pdf.
2. Borchardt G. The Scientific Worldview beyond Newton and Einstein. Lincoln, NE, USA: iUnivers. - 2007. - 380 p. <http://www.scientificphilosophy.com/>.