

THE FIFTH INDUSTRIAL REVOLUTION

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Preface

A question first set by Rudolf Steiner in 1917 becomes more and more relevant today – the question about machines, powered by etheric energy, through transfer of human feelings, and human moods motion as wavy oscillations¹. Thus, spiritual-etheric essence should be in use in the increasingly mechanized practical life.

Such etheric technology has not been created yet but a wish of fusing the physical, digital and biological worlds appears in Klaus Schwab's² book *The Fourth Industrial Revolution* (2016)³. This book, rather political, and social too by nature, and not strictly technologically specialized, makes a review on the basic technology trends and achievements over the last years and affirmatively outlines such future ones.

Schwab argues that this revolution is different in scale, scope and complexity from any that have come before. Characterized by a range of new technologies that are fusing the physical, digital and biological worlds, the developments are affecting all disciplines, economies, industries and governments, and even challenging ideas about what it means to be human. This is expected to lead to humanity transformation, which is aided by phenomena such as technology breakthroughs, covering wide-ranging fields such as artificial intelligence (AI), robotics, the internet of things (IoT), autonomous vehicles, 3D printing, nanotechnology, biotechnology, materials science, energy storage and quantum computing, and so on. As Schwab says, “many of these innovations are in their infancy, but they are already reaching an inflection point in their development as they build on and amplify each other in a fusion of technologies across the physical, digital and biological worlds.”

Schwab, with the seeming power of a “prophet”, named such a development the

1. Steiner, R., *Secret Brotherhoods: And the Mystery of the Human Double* (GA 178), 7 lectures, given in St. Gallen, Zurich, and Dornach between 6 and 25 November 1917, Rudolf Steiner Press, 2004

2. Founder and president of World Economic Forum in Davos, Switzerland

3. World Economic Forum, Cologny/Geneva, 2016

Fourth Industrial Revolution, which he considered inevitable. His book has also a distinct social character with its concern for the prophetically predicted future social problems with the increasing division in the world of people who welcome innovations and those who reject them.

What Schwab outlines in his book is further developed after the corona crisis outbreak in 2020 in his next book “COVID”19: The Great Reset”⁴.

There, the crisis is enthusiastically viewed as a window of opportunity for the realization of the Fourth Industrial Revolution tendencies, which requires a change of the existing economic, political and social systems in order to be revived in a new, socially rightful way by 2030.

Many people from the high technology sphere are looking in the direction announced, or better to say, summarized by Schwab in the context of the Fourth industrial revolution, e.g. Professor Kevin Warwick. By means of an implant, his nervous system was connected to the Internet at Columbia University, New York. From there he was able to control the robot arm at the University of Reading in England and obtain feedback from sensors in the fingertips.⁵ He has also successfully connected ultrasonic sensors on a baseball cap and experienced a form of extrasensory input.

What happens when a man is merged with a computer? This is another question that Kevin Warwick and his team at the department of Cybernetics, University of Reading intend to answer.

Elon Musk also talks about the symbiosis between the human brain and the “artificial intelligence”, which turns into “super intelligence”. Neuralink is a brain-machine interface company co-founded by him and along with a team of experts in areas such as neuroscience, biochemistry and robotics. Its general aim is to create the future of brain interfaces. This includes building devices that will help people with paralysis and inventing new technologies that will expand our abilities. Theoretically, these devices could improve memory and allow direct interfacing with computers. The devices would be completely integrated with the human brain and would give the brain the ability to connect with the cloud as well as with other brains – wirelessly.

Musk hopes his implants one day could be used to enhance brain function for

4. Klaus Schwab, Thierry Malleret, COVID-19: The Great Reset, Forum publishing, 2020

5. Warwick, K, Hutt, B, Gasson, M and Goodhew, I. "An attempt to extend human sensory capabilities by means of implant technology", Proceedings IEEE International Conference on Systems, Man and Cybernetics, Hawaii, pp.1663–1668, October 2005

otherwise healthy people, providing humans with mental tools against what Musk sees as a potentially dangerous rise of artificial intelligence, a phenomenon he thinks could put all of humankind at risk as robots take over more human tasks, and take on roles of their own.

Among the technological innovations, there is a “religious” one – the Internet “Way of the Future Church”, created by the genius in the field of robotics and self-driven cars and one of the creators of the fleet of Google, Anthony Levandowski from California. In its plans is its own gospel called “The Manual” and public worship ceremonies. The idea behind his religion is that one day — “not next week or next year” — sufficiently advanced artificial intelligence will be smarter than humans, and will effectively become a God.⁶

The “Keely-Strader” Ethermachanic Technology

A little known fact is that the first, much more significant steps in the direction of merging of the human with the machine were made in the second half of 19th century. This has to do with what Rudolf Steiner said in a lecture on December 1, 1918⁷, which will form the basis of our further research - namely, that if mechanistic occultism enters into the field of practical action, “the possibility will thus come about of rendering unnecessary nine-tenths of the work of individuals within the regions of the English-speaking peoples. Mechanistic occultism will not only render it possible to do without nine-tenths of the labor still performed at present by human hands, but will give the possibility also of paralyzing every uprising attempted by the then dissatisfied masses of humanity.”

Relative to today's conditions, such 90 percent unemployment, mentioned twice in the above statement, seems unthinkable. But in the conditions of the already coming new, postcovid reality, named by Klaus Schwab the New Normality, it seems more and more possible. It all starts with the American technical genius, naturalist, discoverer and experimenter from Philadelphia John Worrell Keely (1837 – 1898) who as early as 1872 demonstrated an engine that runs on no fuel! Its driving force is hitherto unknown “evaporating” or “etheric” force, which arises from the “vibrational sympathy” between its etheric body and that of the machine.

Such is Keely’s mechanism, among many others like it, called “disintegrator”, which during a public demonstration without any fuel digs a tunnel in a rock for less than twenty minutes four and a half meters long, through which a person

6. <https://futurism.com/way-future-new-church-worships-ai-god>

can pass.

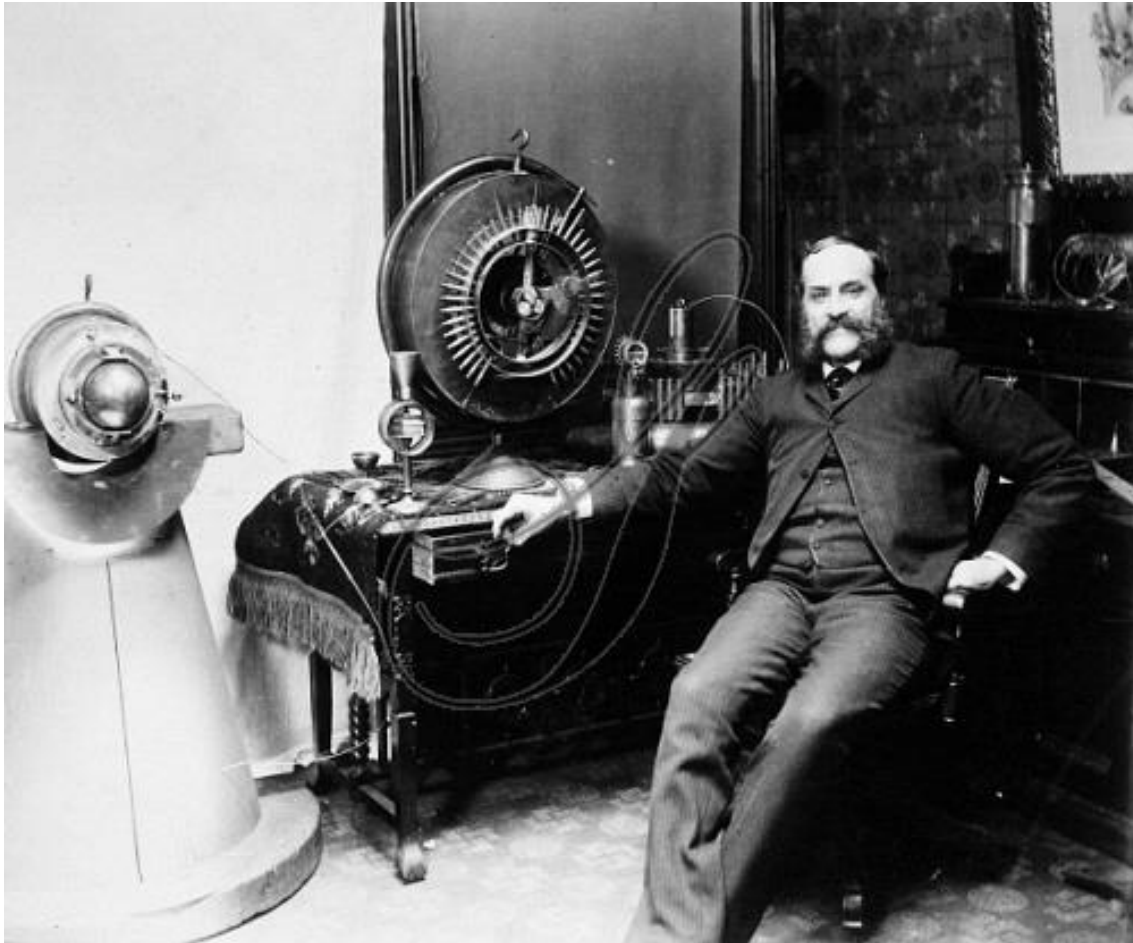


Fig.1: John Keely with one of his inventions.

Keely creates a series of such devices as well as Keely's Motor Company funded by some prominent people, which was listed in the New York Stock Exchange. For many years he tried to achieve commercial success, but to no avail, because his machines worked only in his presence and could not be driven by others. This was because they needed his etheric forces, which no one could replace. When the machines "stopped" after his death, no one could move them anymore, which makes many people doubt his achievements and declare him a fraud. His company fails accordingly.

Rudolf Steiner mentioned Keely several times, for example in his lecture of January 2, 1906 where he explains that he "invented a motor which would only go if he himself were present. He was not deceiving people about this; for he had in him that driving force originating in the soul, which can set machines in motion. A driving force which can only be moral, that is the idea of the future; a most important force, with which culture must be inoculated, if it is not to fall back on itself. The mechanical and the moral must interpenetrate each other,

7. Steiner, R., The Challenge of the Times, Anthroposophic Press, New York, 2007

because the mechanical is nothing without the moral. Today we stand hard on this frontier. In the future machines will be driven not only by water and steam, but by spiritual force, by spiritual morality.”⁸

In the same lecture, where this question is most thoroughly considered, he says that until now, man has only mastered the inanimate in Nature, but “the transformation of the living forces, the transformation of what sprouts and grows in the plants, and of what manifests itself in animal [and human] reproduction that is beyond his power.” However the case is “that in future man will himself control what he only receives as a gift from Nature or the Divine powers — namely, the *living*.”

This makes it clear that the forces of reproduction, hidden in humans and animals, are also potentially subject to use in a way that has been unthinkable until now. This is one of the main objects of our study, which will be discussed later.

The fundamental principle behind such technology as Keely’s is similar to that of the pendulum clock, which, wound and driven in one room, causes another clock in the same room, which is similar but unwound and motionless, to work. This is what Steiner calls “mutual sympathy” between phenomena and describes it as follows:

“You have a pendulum clock; you wind it up and start it. In the same room there is another pendulum clock; it must, admittedly, be of a certain type. This you do not wind up. In favourable circumstances you may observe that the second clock starts of its own accord. We will call this the “mutual sympathy” of phenomena; it can be investigated in a very wide domain. The last phenomenon of this type, still connected to some extent with the outer world, could be examined far more than it generally is, for it is very frequent. Times without number you may have this experience. You are at the table with another person and he says something you yourself have just been thinking. You were thinking it but did not say it; he now utters it. It is the sympathetic going-together of events (or complexes of events) in some way attuned to one-another, which is here making itself felt in a highly spiritual realm. We need to recognize the whole range of continuity from the simple resonance of a violin-string which one may still interpret crudely and unspiritually within the sequence of outer material events, to these parallel phenomena which appear so

8. Steiner, R., *The Temple Legend, Freemasonry and Related Occult Movements*, Rudolf Steiner Press. See also: <https://wn.rsarchive.org/GA/GA0093/19060102p01.html>

much more spiritual — as when we experience one-another's thoughts.”⁹

The general principle of operation of this type of “remote” technology is associated with a common force, which Steiner calls power of selfless love and it will be possible to use it to control machines, which, however, will not be able to function if they are used by selfish people.

Such machines in the future could be powered not only by water and steam, but by spiritual power, by spiritual morality the symbol of which is the Masonic sign Tau and the image of the Holy Grail.

Steiner relates all this with a future new Masonic Royal art which is suppose to gain control over the force of question, described by Bulwer-Lytton¹⁰ in his novel “Vril, the Power of the Coming Race” (1871).

Steiner only hints at this etheric technology without publicly giving many details about it. On the occasion of his mysterious drama "The Guardian of the Threshold ", however, he offers a model of such machine called the "Strader apparatus". It was ordered in the winter of 1912 – 1913 by Dr. Oscar Schmeidel, which Hans Kühn (1889 – 1977)¹¹ recalls:

“On the occasion of the performance of Rudolf Steiner's four mystery plays in 1921 one may speak of the apparatus which stands on a table in the fourth picture of the drama 'The guardian of the Threshold'. There should be two tables though, because beside the bigger object there were originally - a bit removed-three objects that were more little. Additionally there was an open copper sphere at the wall at the performances in Munich. I hereby refer to the apparatus, that was built during the winter 1912/13 after specification of Rudolf Steiner by Dr. Oskar Schmiedel and his mechanics. When the 'Guardian' was performed for the first time in 1912 in Munich a sort of dummy was used for which Imme von Eckardstein had received specifications by Rudolf Steiner.

The next Winter one had the time to work out an exact model, for which various metals, that were specified by Rudolf Steiner, were used for the four half spheres. RS did entrust Oskar Schmiedel with their production. Two of the half spheres were made from Antimon, one from Nickel, one half of the fourth was made of copper. The other half should be completed with a metal that was so far unknown. Very thin feel/sense organs made from gold foil (1/1000 mm

9. Steiner, R., “First Scientific Lecture-Course The Light Course”, Goethean Science Foundation, 1977, 31st December 1919 lecture

10. Edward Bulwer-Lytton (1803 – 1873), an English writer, occultist and a politician

11. See article „Vom Strader-Apparat“, (Published in „Mitteilungen aus der Anthroposophischen Arbeit in Deutschland ", 25. Jg., Heft 4, Nr. 98, p. 291

thickness) were hanging at the lower side of this double bowl. At the fourth side of a cross of lead a tip of uranium pitchblende should be mounted. The connections between the six tips were partly made of copper and partly of tin. From one bowl to the opposite one there was a spiral glass tube. Even more cryptic were the three additional objects: one was a glass container with wire of platinum that was hanging inside of it or was molten into it, the second was a lemniscate of glass tube, with a coal tip on top, that had a little copper bowl above it. The third object should have four uranium tips on the same level. The form of this object let it seem probable that it could rotate. Electricity should be kept away.

The original models have vanished, though they have survived the Goetheanum fire. One didn't take enough care and didn't recognise the importance of the apparatus. Today they show a dummy at the performances¹². ”



Fig. 2: The Strader apparatus, made by Hans Kühn

12. The performances do not provide details about the “resonant” device in question

The principle of operation of the "Strader apparatus" thus described is similar to those made by Keely. Both types of devices are mechanical and are powered by elemental etheric energy.

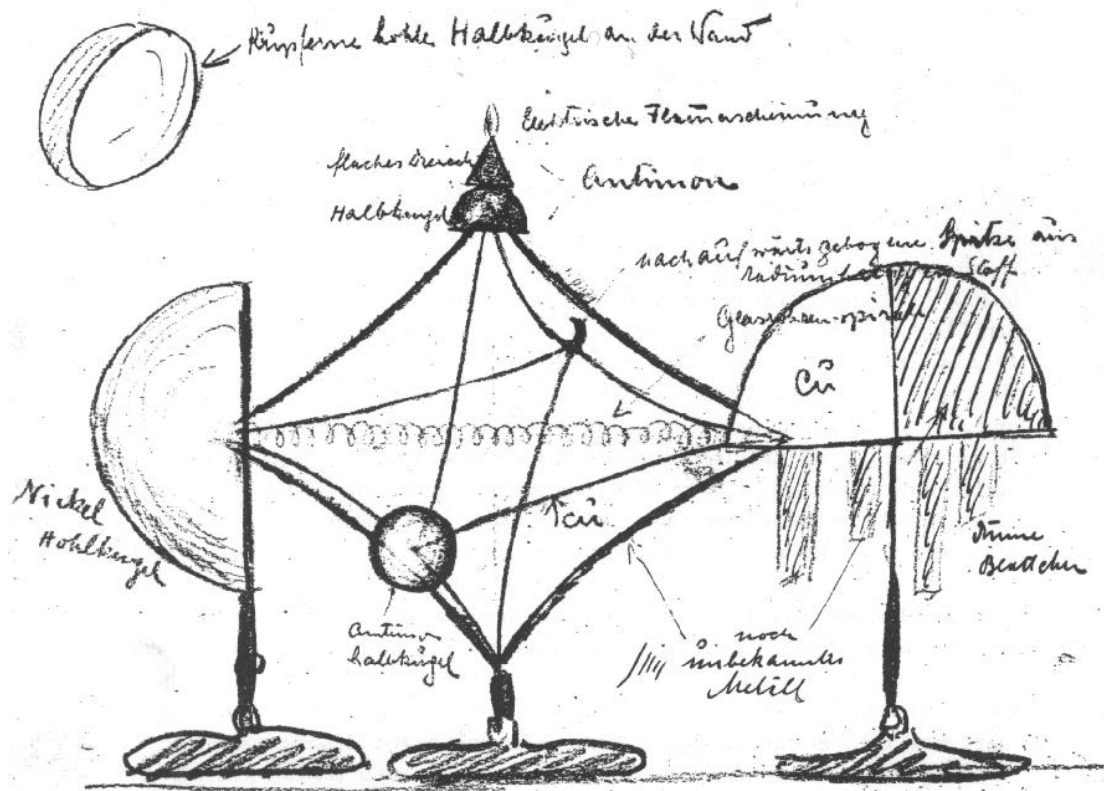


Fig. 3 Drawing of the device "Strader", made by Oscar Schmeidel

According to Kühn, Steiner suggested for such devices to be invented in anthroposophically orientated circles in the next twenty years, which means by the early 1930s. Otherwise, their Ahrimanic substitutes would appear. If it would have happened, it would have been a Renaissance of the technologies of the extinct continent Atlantis, used to propel the then-specific ether machines.

The “Pisces-Virgo” Astral Technology

In addition to the “Keely-Strader” Ether Technology, there is an astral or stellar one, which Rudolf Steiner hints at, saying that in the future man will learn to control what he now only receives as a gift from Nature or the Divine powers — “the living!” This is what manifests itself in animal and human reproduction, which needs an even higher level of technology. Rudolf Steiner speaks about three kinds such “living” technologies in a series of lectures (GA 178) given from November 6 – 25, 1917¹³, and especially in the last of them, given at 25th November 1917 in Dornach, Switzerland. It begins with raising the great issue

13. See: <https://wn.rsarchive.org/GA/GA0178/19171125p01.html>

of future life, which can be characterized as an attempt to place the spiritual etheric in the service of outer practical life”:

“I have brought to your attention that the fifth post-Atlantean period will have to solve the problem of how human moods, the motions of human moods, allow themselves to be translated into wave motions on machines, how man must be brought into connection with what must become more and more mechanical. For that reason I called your attention a week ago to how superficially this mechanizing will be accepted by a certain portion of the surface of the earth.”

Steiner sees such a development depending on three factors, which are the context of the lecture:

1. “...*that within our nervous system we are dying.*” Here Steiner talks about the specific interaction of electrical and magnetic forces between humans and machines on a mental level, which many people try to realize today. “These forces, these forces of dying away, will become more and more powerful. The bond will be established between these forces dying within man, which are related to the electric, magnetic forces, and the outer mechanical forces. Man will to a certain extent become his intentions, *he will be able to direct his thoughts into the mechanical forces.* Hitherto undiscovered forces within human nature will be discovered, forces that will work on outer electric and magnetic forces. The first problem is to bring together human beings with the mechanical, which will have to prevail increasingly in the future.” It is a question of the possibility of mentally operating machines and certain western occult fraternities are aware of it.
2. The second problem consists in “*calling upon the help of the spiritual [astrological] circumstances. This can only be done, however, when the time is ripe and when a sufficient number of people are prepared for it in the right way. The time must come, however, when the spiritual forces are made mobile enough to master life in relation to illness and death. Medicine will become spiritualized, intensely spiritualized. Of all these things, caricatures are being made from certain directions [western brotherhoods], but these caricatures show only what really must come.*” Here, as we will see further on, certain astrological dimensions are to be involved and again it is a question of whether this problem “is attacked from the same direction to which I pointed regarding the other problem, in an outer egotistical or group-egotistical way”.
3. “The third problem is to introduce human thoughts into the actual evolution of the human *species, in birth* and education. I have pointed out

that conferences have already been held on how in the future a materialistic science would be founded regarding *conception and the relationships between man and woman. All these things indicate to us that something most significant is in the process of evolving.*”

Steiner adds an important fourth factor to this in his lecture. This is, so to say, the *Homunculus technology* (from Latin – a small humanoid creature). He says that little has been retained of what was once hidden behind the ancient, atavistic strivings until the fourteenth and fifteenth centuries, but it is substantial and can be understood if one understands what it is said in connection with the Homunculus scene in Goethe's *Faus*.¹⁴ (Fig. 4)



Fig. 4: A 19th century engraving of Goethe's *Faust* and a homunculus

This technology is briefly described in the work of Paracelsus (1493 – 1541), a Swiss physician, scientist, alchemist and astrologer considered by Steiner to be an occult genius. The name homunculus first appears in his writings - in “*De natura rerum*” (1537) he outlines his method for creating homunculi:

“Let the semen of a man putrefy by itself in a sealed cucurbite with the highest putrefaction of the venter equinus [horse manure] for forty days, or until it

14. Goethe, «Faust» II, Act two, Laboratory

begins at last to live, move, and be agitated, which can easily be seen. After this time, it will be in some degree like a human being, but, nevertheless, transparent and without body. If now, after this, it be every day nourished and fed cautiously and prudently with the arcanum of human blood, and kept for forty weeks in the perpetual and equal heat of a venter equinus, it becomes, thenceforth a true and living infant, having all the members of a child that is born from a woman, but much smaller. This we call a homunculus; and it should be afterwards educated with the greatest care and zeal, until it grows up and begins to display intelligence.”¹⁵

Accordingly Steiner in this lecture certain occult groups are familiar with these ancient alchemical traditions and continue to develop them accordingly three ideas:

- 1) Gold;
- 2) Health;
- 3) Prolonging life.

Goethe, on the other hand, formulates these more precisely, albeit abstractly: 1) God; 2) Virtue; and 3) Immortality. They once demonstrated, first the existence of God; second, the Philosopher’s Stone, with the help of which people become good; and third, the possibility of attaining immortality by entering into such universal relations that are beyond birth and death.

Western occult fraternities deal with these three concepts not abstractly but in practice, linking the term “God“ to gold and to certain “egotistical group exploitation of the mystery of birth”¹⁶. With real cosmic understanding they explore it:

“Modern man has completely replaced this cosmic understanding with a terrestrial understanding. When man today wishes to examine, for example, how the embryo in animals and man develops, he examines with a microscope what exists precisely in the place on earth onto which he has cast his microscopic eye; he regards this as what is to be examined. It cannot be a matter only of this, however. It will be discovered — *and certain circles are coming close to this in their discoveries* — that the active forces are not in what one meets with the microscopic eye but are rather within what streams in from the cosmos, from the

15. Paracelsus, Concerning the nature of things [De natura rerum]. In The hermetic and alchemical writings of Paracelsus, trans. and Ed. Arthur Edward Waite. 2 vols. 1: 120-194. London

16. Reminiscent of the Rosicrucian sentence Ex Deo nascimur

constellations in the cosmos. When an embryo arises, it arises because into the living being in which the embryo is being formed are working forces from all directions of the cosmos, cosmic forces. When a fertilization takes place, what will develop out of the fertilization is dependent upon *which cosmic forces are active.*”

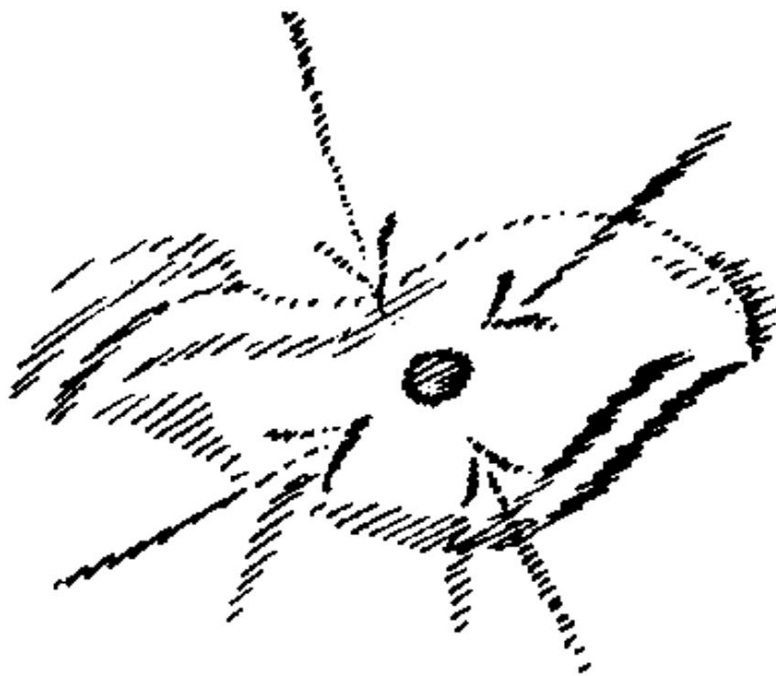


Fig. 5

Steiner illustrates the “cosmic” processes of fertilization in question, which is the research subject of the fraternities, in Fig. 5, where the arrows indicate the cosmic or zodiacal influences coming from four directions perpendicular to each other. “All of this, however, is connected above all with the mystery of the sun and, observed from the earth, with the mystery of gold.”

Western occult schools know the meaning of the second alchemic concept – namely *virtue*, which they call *health*. The aim is again to use the influences of the celestial constellations and precisely defined related substances in the soil. Used properly, they can make people good. For this purpose, for example, under the influence of one constellation, the metal copper could be accepted, and under the influence of another constellation, this could be arsenic. People could be massively influenced if such “supplements” are marketed in food delicacies.

The problem of immortality can also be addressed materialistically by using the forces of the celestial constellations. In this way, they achieve a specific form of immortality called “prolonging life”, affecting the members of the western occult fraternities. Although physical immortality is not yet possible for them, life can be artificially prolonged:

“One prepares oneself — so long as it is impossible to influence the physical body to prolong life artificially — to undergo soul experiences that will enable one to remain in the lodge of a brotherhood even after death, to help there with the forces that one has at one's disposal. Immortality is simply called prolonging life in these circles.”

All three of the described cases could be influenced by the zodiacal constellations. The question is how and through which of them to do this? There are three ways in total. Steiner recommends (hopes) one of them to take place in the “university chairs, laboratories” if humanity is not to come completely into decadence:

“While science for centuries has beheld only processes occurring on earth, has rejected all study of what is approaching as the most important extraterrestrial occurrence, it will be precisely in the fifth post-Atlantean time that exploitation will be considered of the forces penetrating in from the cosmos. Just as it is now of special importance for the regular professor of biology possibly to have a much-enlarged microscope, possibly to use much more exact laboratory methods, so in the future, when science has become spiritualized, what will matter will be whether one carries out a certain process in the morning, evening, or at noon, or whether one allows what one did in the morning to be somehow further influenced by active factors of the evening, or whether the cosmic influence from morning until evening is excluded, paralyzed. In the future such processes will prove themselves to be necessary; they also will take place. Naturally much water will run over the dam until the materialistically oriented university chairs, laboratories, and so on, are handed over to the spiritual scientists, but this exchange must take place if humanity is not to come completely into decadence. This laboratory work will have to be replaced by work in which, for example — when it is a matter of the good that is to be attained in the future — certain processes take place in the morning and are interrupted during the day; the cosmic stream passes through them again in the evening, and this is preserved rhythmically until it is morning again. The processes are conducted in such a manner that certain cosmic workings are always interrupted during the day, and the cosmic processes of morning and evening are studied. To achieve this, manifold arrangements will be necessary.”

The “good” in question are the influences coming from two zodiacal directions - Pisces and Virgo. They should alternate in the morning – for the first, and in the evening for the second. During the rest of the time, the embedded substance is covered or insulated with an impermeable material for the star forces material.

“Evil,” in turn, is achieved in two ways. The one western brotherhoods are concerned about uses only the “midday” forces of the constellation Gemini:

“The spiritual mysteries that allow the spirituality to stream forth from the cosmos — with help from the twofold forces of magnetism, from the positive and negative — emerge in the universe from Gemini; these are the forces of midday. It was known already in antiquity that this had something to do with the cosmos, and it is known even today by exoteric scientists that, behind Gemini in the Zodiac, positive and negative magnetism are hidden in some way. An attempt will be made to paralyze what is to be won through the revelation of the duality in the cosmos, to paralyze it in a materialistic, egotistical way through the forces that stream toward humanity especially from Gemini and can be put completely at the service of the Double.”

These most material Gemini space magnetic forces are going to be combined with the strongest “terrestrial magnetism”, streaming from the “bottom” of the American continent and from this can proceed a special secret:

“Those concerned with introducing the Antichrist instead of the Christ have endeavored to exploit what could work especially through the most materialistic forces, yet working spiritually with these materialistic forces. Above all they strive to exploit electricity and especially the earth's magnetism to have influence over the entire earth. I have shown you how, in what I have called the human double, earthly forces arise. This mystery will be penetrated. It will be an American mystery to make use of the magnetism of the earth in its “doubleness,” to make use of the magnetism in North and South to send guiding forces that work spiritually across the earth. Look at the magnetic map of the earth and compare it with what I am now saying. Observe the course of the line where the magnetic needle swings to East and West and where it does not swing at all. I can only give indications at this time. From a certain celestial direction, spiritual beings are constantly at work. One need only put these spiritual beings at the service of earthly existence and, because these spiritual beings working in from the cosmos are able to transmit the mystery of the earth's magnetism, one can penetrate the mystery of the earth's magnetism and can bring about something very significant of a group-egotistical nature in relation to the three things, gold, health, and prolonging life. It will simply be a matter of mustering the doubtful courage for these things. This will certainly be done within certain circles!”

This is how the western (Anglo-American) brotherhoods are going to work and combine space and earth magnetism in relation to the three things, gold, health,

and prolonging life. Steiner also gives a simple scheme of the Zodiac, where Gemini is positioned at the “midday” Zenith, Sagittarius – at the “midnight” Nadir, and Pisces and Virgo are at the “morning” ascendant position and relatively at the “evening” descendent position.

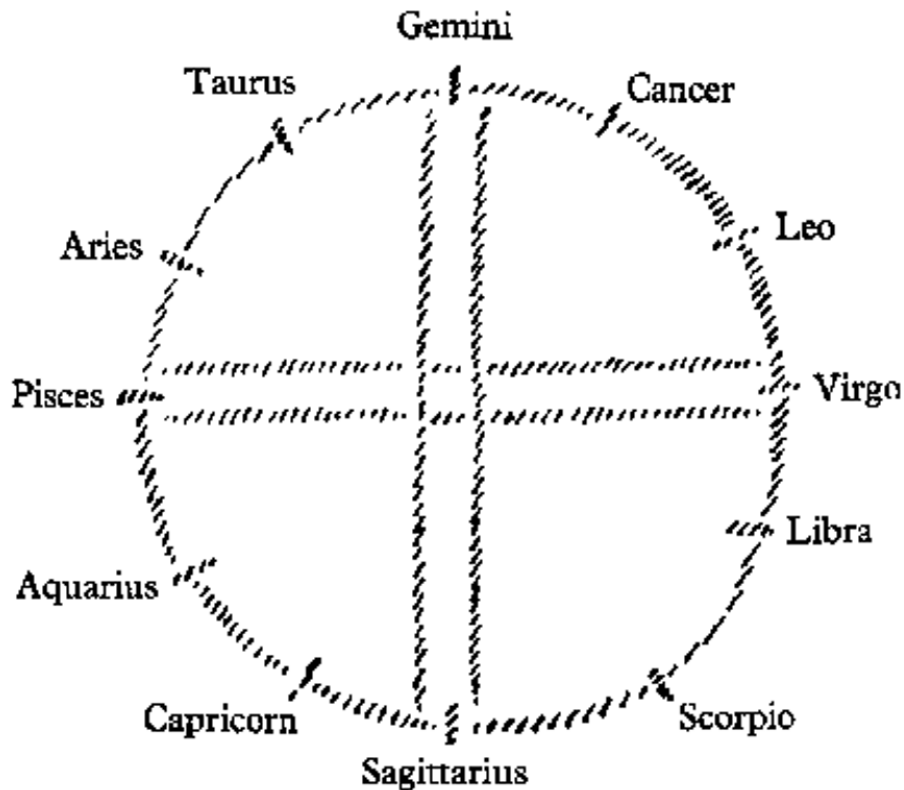


Fig. 6

Thus humanity is facing the problem of mastering the forces of the cosmos in a “doubly wrong way” (the way of Sagittarius is something Indian brotherhoods are concerned about and it is not to be mentioned here) or mastering them in the right way. Certain substances will be produced depending upon whether they are prepared with morning and evening processes or with midday or midnight processes in relation with the three-foldness of God, virtue, and immortality — gold, health, and prolonging life.

At the end of all Steiner reveals one such “substance” which concerns God or gold element and is a result of the Pisces - Virgo technology:

“From the cooperation of what comes from Pisces and Virgo one will not be able to bring about anything harmful. Through this one will achieve what in a certain sense loosens the mechanism of life from the human being but will in no way found any form of rulership and power of one group over another. The cosmic forces that are called forth from this direction will beget strange machines but only ones that will relieve the human being from work, because

they will have within them a certain force of intelligence. A cosmically oriented spiritual science will have to concern itself so that all the great temptations that will emanate from these *machine-animals* (*Maschinentieren in the German text*), which man creates himself, will not exert a harmful influence upon the human being.”

This is all Steiner says about the machine-animals in question and nowhere else in his work he says anything more about them, neither about the Pisces-Virgo astral (star) technology and its results. One of them are these machine-animals, which should not be taken symbolically but as a real living creatures. These cannot be mechanical machines like the Keely's, but in the context of the above-mentioned future possibilities for transforming what manifests itself in animal [and human] reproduction they must be imagined as animal-like creatures with a certain intelligence. In other words, these must be some kind of bio machines or, according to the modern terminology, bio robots of an animal nature, which make people's work easier.

In other words, strange as it may sound, these are laboratory-created by the first, the God's alchemistic element domestic animals with a certain intelligence of their own. How this is possible and what exactly they look like is not clear, as the task of their "production" set by Rudolf Steiner before the university departments, laboratories remains unfulfilled to this day. He also did not say anything about the other two results of this technology, which might come out of the virtue and immortality elements.

The “Gemini” Astral Technology

After communicating the result of the "Pisces-Virgo" technology Steiner says a few more words about the other technology - "Gemini", pointing to one of its special features, namely the future participation of the dead in earthly existence. They will do this, but depending on peoples conduct this would happen in two ways: good and bad. From the "good direction" the impulses to cooperate would come from the dead themselves, and from the evil one, they would be compelled to perform certain activities:

“The dead will actively participate for the remainder of earthly existence. How they will participate is what matters. Here, above all, the great distinction will appear. Through man's conduct on earth, the participation of the dead will be guided from a good direction in such a way that the impulses of the dead to work will be able to originate from themselves, impulses taken from the spiritual world that the dead are experiencing after death. Opposing this will be many endeavors to lead the dead in an artificial way into human existence. *By the*

circuitous route through Gemini, the dead will be led into human life in such a way that human vibrations will reverberate in a definite way, will continue to vibrate within the mechanical performance of the machine. The cosmos will bring motion to the machines through the circuitous route that I have just indicated. For that reason, it is important that nothing inappropriate be applied when these problems appear; only elementary forces that are part of nature should be applied. One will have to renounce introducing inappropriate forces into mechanical life. From the occult sphere one must refuse to harness human beings themselves into mechanical factory work, a practice through which the Darwinian theory of selection is used for the determination of the work force, as I presented to you as an example last time."

From this we can conclude that the Gemini technology will rely on forces from other world - those of the dead, which will bring motion to certain machines on Earth. A large scale, factory production is what is meant here. This is what Steiner calls a "circuitous route" - a circuitous in relation to the Keely-Strader's ether technology, in which machines operate with elemental energy from the surrounding etheric world, but not the energy of enslaved dead people. It is also circuitous by the other astral or stellar technology - that of Pisces-Virgo, in which, once created the machine animals will use only their own terrestrial, elemental or astral energy. In contrast, the "Gemini" Technology will depend on dead souls who will be forced to bring their energy in machines on Earth.

This is all Steiner said on the subject in this lecture and he never spoke about it again. Although not detailed, it makes it clear that the "Gemini" astral technology relies on forces emanating from the dead and not from the living people or elemental beings as the one of "Keely – Strader" technology. This means that it "circuitous" people themselves on the Earth. Steiner makes it clear also that he has not exhaust the subject, but hopes that people will meditate further upon it and will seek to build a bridge between their own life experiences and these things. The most important thing that he does not report is the nature of substance that, treated in the way of "Pisces-Virgo", leads to the appearance of machine animals. He doesn't mention neither the substance used by the "Gemini" and "Sagittarius" technologies, neither their results. Obviously one should meditate on it. So far such a substance has not become public, as it should be case, because it as a task set to the university laboratories and not to some esoteric ones.

There are currently no signs of such laboratories research on the "Pisces-Virgo" technology. In contrast, the "circuitous route" of Gemini, which is being followed by the brotherhoods for centuries, must be on its way. It has to do

something else said by Steiner in the lecture from the same series of lectures (GA 178), given on November 18, 1917¹⁷. In it he examines the activities of the Western occult lodges, which use also another “technology” – namely for fastening human souls to the earthly sphere after death, which prevents them from ascending to the higher spiritual worlds:

“What is it that such initiates desire, these initiates who know quite well that the human soul is a purely spiritual being, a spiritual being fully independent of corporeality? What do these initiates desire who, in spite of knowing this, shelter and cultivate the materialistic thinking of human beings? These initiates desire that there should be as many souls as possible who here between birth and death absorb only materialistic concepts. Through this, these souls are prepared to remain in the earthly sphere. They become to a certain extent fastened to the earthly sphere. Picture to yourself that brotherhoods are established that clearly know this that are thoroughly familiar with these circumstances. These brotherhoods prepare certain human souls so that they remain in the realm of the material. If these brotherhoods then arrange — which is quite possible through their infamous power — that these souls come after death into the region of the power-sphere of their brotherhood, then this brotherhood grows to tremendous strength. These materialists, therefore, are not materialists because they do not believe in the spirit — these initiate materialists are not so silly; they know full well the spirit's position. They induce souls to remain with matter even after death, however, in order to make use of such souls for their own purposes. From these brotherhoods, a clientele of souls is thus produced who remain within the realm of the earth. These souls of the dead have within them forces that can be guided in the most diverse ways, with which one can bring about a variety of things and by means of which one can come to special manipulations of power in relation to those who have not been initiated in these things.”

Here as in all other lectures Steiner does not define more precisely the type of forces the dead people possess and what kind of machines could be driven by them. Neither he reveals the purpose of these materialistic “retaining” technology, but if we relate it to what we said above about the “Gemini” technology, of which he spoke a few days later, it becomes clear that this is the harnessing the dead human beings into mechanical factory work. Materialism is the means – or at least one such means - by which this becomes potentially possible.

Steiner also draws the following scheme (Fig. 7) illustrating the relation between

17. See: <https://wn.rsarchive.org/Lectures/GA/GA0178/19171118p01.html>

the brotherhoods and the retained dead people:

“Picture for yourself such a harmless humanity. Perhaps we can picture it for ourselves graphically. We imagine here the realm of such a harmless humanity (larger circle). As I said, this humanity is not completely clear about the spiritual world; led astray by materialism, they are unsure how they should conduct themselves toward the spiritual world. They are especially unclear how they should act in relation to those who have passed through the portal of death. Let us assume that the realm of such a brotherhood is here (small circle, green). This brotherhood spreads the teachings of materialism; it is concerned that people think purely materialistic thoughts. In this way the brotherhood brings about the procreation of souls who remain in the earthly sphere after death. These would become a spiritual clientele for the lodge (see drawing, orange). This means that dead people have been created who would not leave the earthly sphere but would remain on earth. If the right preparations have been made, they can be retained in the lodges. In this way, therefore, lodges have been created that contain the living as well as the dead, but dead who are related to earthly forces. The matter is directed so that these people hold sessions in the same way as was the case with the seances held during the course of the second half of the nineteenth century, about which I have often spoken. It may then happen — and I beg you to bear this in mind — that what occurs in these seances is directed by the lodge with the help of the dead.

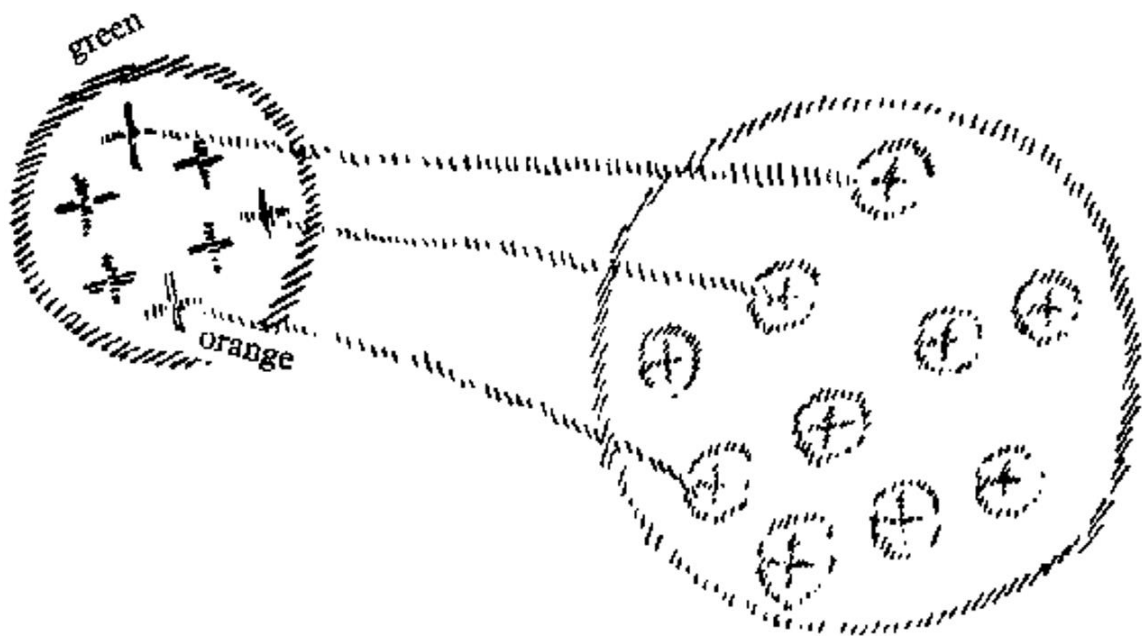


Fig. 7

The true intention of the masters of those lodges, however, is that the human beings should not know that they are dealing with the dead but rather should believe that they are dealing with higher forces of nature. People are made to believe that these are higher forces of nature, that psychism and the like are only higher forces of nature. The true concept of soul will be taken from them, and it will be said that, just as there is electricity, just as there is magnetism, so there are also such higher forces. The fact that these forces are derived from souls is concealed by those who are leaders in the lodge. Through this, however, these others, these harmless souls, gradually become completely dependent, dependent in their souls, upon the lodge, without realizing what is subjugating them, without realizing the source of what is actually directing them. There is no remedy against this situation other than knowledge of it.”

Steiner also calls this state of the dead “imprisonment”, which along with the deepening materialism will become more and more intense in the next five centuries. This is in stark contrast to the widespread sentiments of the spiritual communities in the last century that we live in an age of increasing spiritualization. However, the reality is different, which is why Steiner appeals for counteraction against “this growing materialization of human souls, this imprisonment of human souls within the earthly sphere — lodges are also in the earthly sphere.”

The creation of “machine” clientele through vaccination

The astral or stellar technologies in question are different from the ones of Keely and Strader, which has to do with mechanical devices. These are biotechnologies producing not mechanical, but living beings as the machine animals of the Pieces-Virgo method does. The "circuitous route" of the Gemini Technology (here we live aside the Sagittarius Technology, which must be similar to it in its “biological” part) however consists of three parts: a bio machine one, which represents a human being bearing in itself an ahrimanic double, a machine one, and of an another human one - the dead souls whose forces bring (or help bringing) in motion the machine one on Earth.

The time for the emergence of the Gemini technology powered by the forces of the dead seems to be approaching. One sign of it is the covid crisis, which broke out in 2020 and especially the subsequent campaign for mass vaccination or immunization against Kovid-19. This can also provide an imprisonment of dead souls in the underworld of matter as evidenced by R. Steiner in another lecture

from GA 178, given on November 6th 1917¹⁸.

This first lecture from the volume can be considered as preparatory for the last one, which we looked in detail. And in it, in the context of the methods used by the Western brotherhoods to acquire supersensible knowledge, the vaccination method is briefly considered as a particularly effective for preventing spiritualization of people in the epoch we live now:

“The age of materialism is striving, through the work of certain circles, to paralyse, to eliminate all spiritual development in mankind, to bring human beings to a point where simply by temperament and character they reject everything that is spiritual and regard it as folly. This trend — and it is already perceptible in some individuals today — will intensify. People will actually long for the time when the Spiritual is universally deemed to be insanity, craziness! Attempts will be made to achieve this end by inoculations; just as viruses have been discovered as means of protection against illnesses, so certain inoculations will be used to influence the human body in such a way that it provides no place for the spiritual proclivities of the soul. *Human beings will be immunised against any predisposition for spiritual ideas ... such, at least, will be the endeavour. They will try by inoculation to bring it about that even in childhood, human beings lose the urge towards the spiritual life.* This is only one of the aspects of that more intimate knowledge, relating to the connection of Nature-processes and Nature-specifics with the human organism, which must arise during the Fifth Post-Atlantean epoch.”

This is all Steiner said on the subject. It makes clear the possibility of mass immunization of people, even children, mentioned more than a hundred years ago, aimed at blocking their spiritual development. In this situation, they would be doomed to the above mentioned imprisonment in the earthly sphere after death, which in turn will make them subject to the lodges of the Western brotherhoods consciously operating there. If we connect this with the above, said about the “Gemini” technology, we may conclude that the ultimate goal of such immunization would be turning the affected souls into a "machine" clientele of the brotherhoods in the underworld of the Earth. In this way they would be made modern slaves doomed to drive machines on Earth with their supersensible (etheric) powers.

Such souls would be used for industrial purposes in fabrics, which we can assume would be a large-scale. Logically, this would be done in factories with

18. See: <https://wn.rsarchive.org/Lectures/GA/GA0178/19171106p01.html>

machines powered without previously used fuels and energies. They, in turn, would be eliminated at the expense of the others working with forces originating from the surrounding extraterrestrial or underworld space. Such an approach would reduce or completely stop their use and hence their extraction, which is a modern tendency already existing in the western world with the justification of environmental damage. The real goal of this however could be the replacement of these energies with the others, which due to the low cost of industrial production produced with their help, will lead to bankruptcies of entire industries and economies. This would mean a world domination of the Anglo-American world economic system, which will affect all others and also the political and cultural spheres.

Such vaccination will ensure a secure flow of completely free labor in the spheres of the lodges. Thus, in combination with all other factors of the “Gemini” technology a Fifth Industrial Revolution would start along that of Klaus Schwab, announced in 2016 as the Fourth. These are the above mentioned technologies and products covering wide-ranging fields such as artificial intelligence, robotics, the internet of things, autonomous vehicles, nanotechnology, biotechnology, materials science, energy storage and quantum computing, and so on and so on. Ultimately what they would provide is the broadly announced by Schwab fusion of technologies across the physical, digital and biological worlds. The real fusion however would be the one between the dead souls forces and the corresponding machines on Earth. The latter would be provided by the Fourth Industrial Revolution which in its essence is a preparation for the Fifth, Occult one.

Doubts about the imposition of anti-spiritual vaccine on a mass basis are raised by the current COVID crisis. This is evidenced by forecasts such as that made by the authoritative “Economist” magazine, edited by the Rothschild family, which in an article on February 11, 2021, titled “How well will the vaccines work?”¹⁹ claims the disease will circulate for years, and seems likely to become endemic.

Therefore, the Economist authoritatively advises (instructs) governments all over the World to start planning for covid-19 as an endemic disease. According to its experts (it is not said exactly which ones) this virus would go on and on circulating actively on a large scale, changing its form.

In relation to this the article predicts that habits like mask-wearing may become part of everyday life and the vaccine passports and restrictions in crowded

19. <https://www.economist.com/leaders/2021/02/13/how-well-will-vaccines-work>

spaces could become mandatory. It suggests that the best outcome would be for a combination of acquired immunity, regular booster jabs of *tweaked vaccines* and a menu of therapies to ensure that covid-19 need rarely be life-threatening.

Such predictions are alarming suggesting that Covid-19 will continue to circulate widely and ultimately will find a permanent home in humans meaning likewise a *permanent* process of mass vaccinations with ever changing substance.

This is a matter of concern in the context of the issue we have raised. This trend however is set by the European Union in 2011 program called “Childhood immunisation” whose goal even then is to improve “the rates of childhood immunisation at EU level”²⁰.

Advising on best-practice measures during outbreaks of vaccine-preventable diseases

Funding projects on immunisation through the Health Programme Improving data for monitoring vaccination coverage (via the EUVAC network)

Encouraging European associations of healthcare professionals to help advocate childhood immunisation to parents

Providing objective and evidence-based information to healthcare professionals (e.g. European public assessment reports).

The danger of appearance of such anti-spiritual vaccine on permanent base becomes evident by the testing of corona virus vaccines on children aged 6 months to 11 years by the pharmaceutical company Pfizer, announced on March 25th 2021²¹. Remarkably, the first participants were 9-year-old *twin* girls who were immunized at Duke University in North Carolina. The results from this pivotal trial of any COVID-19 vaccine are reported 6 months later on September 20th 2021:

“In participants 5 to 11 years of age, the vaccine was safe, well tolerated and showed robust neutralizing antibody responses. Companies plan to submit these data to the FDA, EMA and other regulatory agencies around the world as soon as possible. Results in children *under 5 years* of age are expected as soon as

20. See: https://ec.europa.eu/health/vaccination/childhood_immunisation_en

21. See: <https://www.nytimes.com/2021/03/25/health/coronavirus-children-vaccinations-pfizer.html>

later this year.”²²

So far Pfizer pretends to prevent COVID-19 in individuals 12 years of age and older, and provide a third dose to individuals 12 years of age and older who have been determined to have certain kinds of immunocompromise. Other pharmaceutical companies have launched similar tests. The European Union's drug regulator expects to decide at the beginning of 2022 whether to allow the use of Moderna's COVID-19 vaccine in children aged six to 11 years.²³ The European Union had already in July 2021 authorised the vaccine for use in teens aged 12 to 17 years. AstraZeneca is also testing its vaccines on children up to six months of age.

It is possible that one or more of these vaccines contain the dangerous substance in question, as well as its possible occurrence in the near future, if vaccinations against covid-19 become permanent and mandatory for children and adults. It is logical that it should be the most popular and the cheapest (free) one! It is also clear that it is not intended for all people, but only for certain, "redundant/needless" sections of the population. Only such a method would be really effective in reducing it to the mythical golden billion, but so far it was not clear how it could be achieved. *Or, if the practice of vaccinating children (and adults) with the substance dangerous to spiritual development is successful, it will mean securing the world of the mechanized dead with a huge, sure, yet free resource that, in general, will never be able to return (reincarnate) to Earth again. This would mean that materialism would devour its children!*

End of part one

22. See:

<https://www.pfizer.com/news/press-release/press-release-detail/pfizer-and-biontech-announce-positive-topline-results>

23. See:

<https://www.reuters.com/business/healthcare-pharmaceuticals/eu-decide-modernas-covid-19-shot-younger-kids-two-months-2021-11-10/>