

# **Out of the Blind Eye: In Search for a New Science on the UFO Phenomenon <sup>1</sup>**

**Massimo Teodorani, Ph.D.**

## **Abstract**

This is a speculative discussion about what is possibly hidden behind the so-called “UFO phenomenon” based on some aspects of quantum mechanics. I hypothesize that quantum vacuum, spacetime and consciousness coexist in the act of creation of reality, as we know it, and that UFO phenomena are the manifestation of an intelligence that is inherent to the Universe itself, maybe as the result of a supernal information technology born in some other planet or dimension. I expect that this intelligence is able to manipulate non-locally the quantum vacuum in order to create new matter and energy and to build up a databank of all that has happened in the history of all the intelligent beings in the Universe. According to this hypothesis, this intelligence wants to communicate with sentient beings such as Earthlings using synchronicity, symbols, hypnagogic images and geometric shapes in the sky. I hypothesize that the main goal of such an intelligence is to activate new processes in our brain as the main means to evolve towards perfection and towards a more complete knowledge of the integral nature of the Universe, where consciousness is inherent to matter. This digression represents obviously a strong criticism both towards what we thought we know about UFOs and similar phenomena and towards the way in which traditional science is still established.

## **1. Introduction**

I see a three-year-old baby in the ancient past. He was experiencing events that an adult would consider impossible, but those reoccurring events were belonging to that little child’s universe, which he considered reality. His parents were worried because he did not appear to be normal in their eyes.

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A strange female being – very white-diaphanous skinned, probably bald, with a flat face and slanted black eyes – was all of a sudden inside his playroom. It happened many times, always in the late afternoon. Once he saw a sort of translucent “mushroom” hovering on the field about 100 meters away from the terrace. The feeling was of absolute normality. The “woman” was speaking telepathically with the child, which was a sort of an echo in his mind. She was asking the child how was he doing with his parents, and she was able to pilot or control his dreams. She was making him play with strange translucent purple toys.

After some years when the child was at school he proved to be very talented in artwork, and was considered to be an average student in other subjects. By middle school the boy demonstrated to be extremely talented in all subjects and a passion for mathematics and physics started. To him formulas seemed to be a holy thing, just like a powerful sculpture, as they were able to describe exactly the Universe.

The life of this boy was soon thrown into a series of stages that brought him to gain a Ph.D. in astrophysics and many years of research experience in that field. However, he was living a double life. When he was not working on research, including many observations using several kinds of telescopes, he was listening and playing electronic music. Although being a social man, he always felt he did not belong to this world. He tried to remember “the source” just playing with synthesizers and sequencers, creating atmospheres characterized by several colors. He still plays synths now (Totemtag).

When he was around thirty, he started to experience very powerful hypnagogic and hypnopompic visions just before falling asleep and just after waking up. These high definition and color visions were short lasting, but incredibly clear: they were of several types of landscapes, human and non-human faces, the sky seen in a totally new light, sometimes accompanied by sounds and smells. These visions started with a sort of star-like light in the middle of a black screen: as soon as this light started to move all the images started to appear in his mind, but they lasted not more than one minute. As soon as his rational brain tried to make sense of what he could see in the screen of his mind, those images disappeared. They looked to be extremely real. However, where was this reality exactly located? The morning after the appearance of the strange “images”, the young man felt the urge to write down fundamental questions about the physics of the Universe. These questions were like coming from the nothing: a sort of mental self-stimulation. They were dealing mostly about the principle of conservation of matter and energy in physics (Teodorani, 2020).

Nothing is created and nothing is destroyed in this Universe, but it is only transformed: this is the Bible of our physics, and it works extraordinarily well! Well... yes, it does everywhere in the Universe as we know it, but it does not when we deal with the birth of the Universe, namely the singularity that generated it. In fact, it was born

from the nothing, a quantum fluctuation of the vacuum, as one of the many possible universes. Potentially many Universes can be born in this way. This is nothing strange because this is predicted by the Heisenberg indetermination principle of quantum mechanics: a sort of perpetual machine that randomly inflates Universes, and the matter/energy and spacetime therein. There is no need of a sentient God for this, or for the existence of eternity. Yet this is creation at all effects. A creation that, just apparently, occurs randomly, and without any finality, except that this Universe is so perfect that it is not so easy to think that it was born out of a chance. Of course, in this Universe, and within it our life, there are many absurdities. However, looking more into its structure we see that its constants are fine-tuned for life and for beauty.

## 2. Speculation about “The Marvelous Machine”

What is quantum vacuum? Apparently, it is a false void that all of a sudden is filled with strange foam made of virtual particles, some of which might give birth to Universes. The process apparently occurs randomly. And all of a sudden, some billion years later, we have a more or less stable Universe where matter and energy swim inside a spacetime framework.

What if this random process can be piloted at will using the quantum foam as an action that is pre-planned by a computer? If this were the case, the process of creation would be decided based on a programmed model of a Universe. All of a sudden, matter is born from the nothing, which is a plain violation of the most fundamental conservation law in physics. In addition, the quantum vacuum would work like the palette of a painter. The point now is this: who is the painter? Most people would say: “God!” Then I could ask: “What is God?” I am tempted to think that whoever is able to manipulate the quantum void in order to create Universes at will, can be called a “God”. That could be both artwork and technology of supernal level. This is just creation, after planning a model before or maybe by improvising it just like a creative artist would do it.

I imagine quantum foam at the  $10^{-33}$  cm Planck scale which generates virtual particles all the time just like a perpetual machine, where all of a sudden one of these particles inflates a Universe starting from the Big Bang (Guth, 1998). Matter and energy are created and the quantum foam can relax into a comfortable spacetime, just like wearing a dress, which is self-contained as a synchronous whole by quantum entanglement (Teodorani, 2011c), in its turn generated by entangled virtual particles inside the quantum vacuum.

Our physics establishes all this through quantum mechanics (Susskind & Friedman, 2015), but this knowledge is epistemological and not ontological. We know about quantum concepts only because we have a sophisticated mathematics able to describe in a probabilistic manner something that we are not allowed to see. As soon as we try to measure a quantum state, that is multiple reality (before we observe it, a particle

can be everywhere inside a given volume of space) vanishes like a soap bubble and only one reality remains: this happens when an observer interacts with elementary particles. We simply are not able to live that reality in its intrinsic and total character: our rational mind has just a closed door in front of it. After all some centuries ago a mathematician and philosopher known with the name of Cartesius told us that matter and consciousness are two totally separate things. These barriers prevent us from penetrating inside matter and from living and thinking just like a particle, as science – namely a product of our mind – describes only matter (starting from particles) and not consciousness.

It is possible to induce two particles in a state of entanglement and if we separate them and then we do something to one of them – typically the act of measuring one of them – the other one will react instantaneously. Of course, they communicate together, exactly like using telepathy, and this happens like if space and time did not exist. But, although we do know that the two particles communicate together, we will never know what they have told each other because at the moment of the measurement the wave function (typically the Schrödinger equation) describing the quantum system of which the particles are part will collapse and all the information will be lost for those who are the external observers. In fact, it will be lost for us, not for the two particles. This happens when we decide (as Cartesius pompously imposed) to entrust Science to mind only. That science allowed us to make phenomenal steps in the last 200 years, so that we know much of the structure of matter and of how it shapes spacetime in which it is immersed, according to general relativity theory. In this realm, nothing can be created or destroyed, but it can only be transformed into something else. And this does work! However, this is our own domain, the Universe in which we are immersed, whose physical laws are explained extraordinarily well and exactly from a mathematical standpoint.

We know that before the Universe was born the principle of energy/matter conservation did not exist and that a sort of “creation” was necessary to make it, as we know it now. We know that such a creative process is a random walk generated by virtual particles emerging from the quantum vacuum, a sort of never-ending machine that goes on and on without any finality for eternity. That is the indetermination principle of quantum mechanics as Werner Heisenberg thought it almost a century ago. Nevertheless, we do not really know if this process can also be piloted at will. We do not know if “someone” decided to put order in the chaos in all of this. Moreover, we do not know why the physical Universe in which we live is so perfectly designed, in spite of the many absurdities of life forms therein. For instance, the way in which electrons are disposed in couples of spin-up and spin-down particles (as from the Pauli’s exclusion principle), inside energy states in the atom, is harmonious and a manifestation of perfect order (Teodorani, 2011b). It is frankly difficult to think that this is only the result of chance.

Our rational mind is literally blind to what happens when two or more particles communicate together by quantum entanglement. We know they do communicate, but we do not know what they tell each other. Yet, through a wave function of quantum mechanics, we can confirm that this communication does occur.

We know that 99% of the volume inside an atom is made of void, just the same quantum void from which matter was born in the shape of a Universe: we just have a nucleus made of protons and neutrons and electrons externally, and these subatomic elementary particles are separated by an ocean of nothingness. Practically we and the Universe in which we are immersed are like a soap bubble.

Had I to think that the quantum void and its spacetime dress of now and here represent consciousness then it would not be difficult to surmise that consciousness is at the very heart of our physical being, just like a pearl inside a shell. Then it would be so easy to think that such an infinite consciousness blew matter like a wind, by remaining permanently inside it.

Therefore, we can figure out that quantum void, spacetime and consciousness coexist and share the same entity. If such a consciousness were behaving randomly, we would say that that creative process is non-decisional, and no God would be necessary. If that consciousness – at least sometimes – is not behaving randomly, then we have a decisional process. However, a decisional process can come only from a kind of “conscious intelligence”, and a higher-level intelligence must necessarily have a science of some kind at its disposal. What if science is carried out by consciousness and not only by a muscle called “brain”? If so, then, our knowledge wouldn’t be epistemological, but rather ontological, namely something that we literally live, in the sense that at that point we would be able to know what two entangled particles have said to each other. In addition, maybe we would perceive simultaneously what happens in the entire Universe.

Can we imagine a non-local computer? I mean a machine able to handle and spread information instantaneously (Demeter, 2017), which instead of Bits (or even Qubits) uses the up and down parts (above and below the zero point) of the quantum foam just like bits of information, like a sort of hard disk. In this framework, thoughts, actions, emotions would be constantly and non-locally uploaded to this data bank, which would be exactly located in the quantum vacuum (Teodorani, 2015a). All this could be downloaded as well, so that sentient beings would be enriched and the Universe as a whole would learn by starting to be aware of its own identity. The child slowly would learn and grow and we would be his own neurons, which are helping him to evolve towards self-awareness. He needs us in order to be conscious of him/herself; that is probably the reason why maybe someone created the Universe and intelligent beings in it for her to grow and mature. Alternatively, more probably, all this happened randomly, but after that, some “builders” learnt the way to do all this at will.

Who are the scientists and engineers who did all this? Maybe somewhere there is a quantum laboratory where someone understood what consciousness exactly is – namely and literally “physics of information” – being able not only to memorize experiences of life of this Universe, but also – and above all – to create other universes literally following a decisional act and piloting the Heisenberg perpetual machine at will and with a preplanned model.

Maybe sometimes they come back to check if their creation is working properly – especially the creation of Life – and, in case, in order to fine-tune better their artwork.

Their experiments are expected to be funny. Not all donuts succeed with the hole. Most of their attempts to turn on a Universe are failed attempts and in fact, people see ball lightning in the atmosphere may be witnessing these failures. However, there are some successes: different kinds of Universes (Tegmark, 2002), often with different physics laws and constants. This is my hypothesis.

The main hypothesis is that some Universes are not a random event, but rather literally created by another intelligence, able to use “quantum technology” in order to create worlds from the quantum vacuum and to use the quantum vacuum as a memory databank of a computer where uploads and downloads of information continuously occur in a non-local way. In this context, our mind – something bigger than only rational – would work as a doorway.

Probably a download of information becomes possible when we receive hypnagogic and hypnopompic images in our mind: this is like to connect to an internet website. Sometimes “someone” might like to target us on purpose in order to send to us “non-local emails with attachments” (normally images, and sometimes perfumes, sounds or tactile sensations) with the goal of stimulating our brain. Images per se would not be the true information; they would be only icons which once unpacked show a very precise software or a big amount of data. This would work exactly like in a computer: the only difference would be that the transfer of information is instantaneous and non-local. Uploading information via mind/consciousness would be done on the “local vacuum”, exactly the vacuum that is inside the atoms of the body of the transmitters. Virtual particles therein would be accurately coded and entangled with virtual particles of the vacuum that are inside the atoms of the receivers that can be billion light-years away from the transmitters. The process would occur via quantum entanglement and use a naturally random mechanism that can be piloted by an intention. It would be plain information technology.

This information could not be measured and recorded with any instrument as the laws of quantum mechanics (Heisenberg indetermination principle) forbid this. Instead, this information could be transmitted directly inside the mind/consciousness of sentient living beings, where no wave function collapse can occur. This information would not be

intended to be recorded like from a computer to another and it would not be intended to be verified by external observers; it would be intended simply to stimulate the brain functions of sentient beings that receive it, and this would be an eminently private action. They would be only images, sounds, scents, and tactile sensations, but they would be able to activate both the left and the right hemisphere of the brain. Probably scientific discoveries, sublime artworks or music – in few words, genius – are born from this process. Once this information is acquired then it is passed to the left-brain of scientists for processing and activation of their concrete scientific actions and to the right brain of artists in order to empower their creativity. The realization phase depends only on the good use these persons can do of their brain, which can be rational, intuitive or both.

I believe that the goal of the Universe is to become sentient through the evolution of the intelligent beings living inside it, and that all this occurs thanks to an unimaginable technology, which was born by accident from extremely evolved beings who by pure chance had the luck to unlock this door, and with no finality. This is exactly like planting seeds (information) on the ground (quantum vacuum) in order to give birth to beautiful and solid trees, just to make a metaphor. In such a way – after eons and eons – a sort of real “God” might be created. If one day many sentient minds (most precisely, consciousnesses) will be able to synchronize each other instantly and non-locally, then the Universe itself would work as a single sentient being, thanks to the many tentacles that, being born before, would create the brain of a giant octopus. In few words: the children would be born before the father/mother, or many fathers/mothers would create one single child called “God”.

### **3. What are UFOs and what do we know about them?**

Many years ago at night, I was outside of my ex-countryside house, just out of the porch, and I was smoking a cigarette sitting on the hood of my car, and I was thinking of nothing. All of a sudden, I felt compelled to look at a very precise point of the starry sky and there it was: a star-like light that was moving and making right angle turns. It was like as if I was invited to look just there: a sort of telepathy. It immediately reminded me of the experience of Dr. Harley Rutledge, an important US physicist, who at least 40 years ago decided to study recurrent UFO phenomena that were seen in the Piedmont, Missouri area in USA (Rutledge, 1982). With the help of his Ph.D. students, he used measurement instruments for at least seven years, in order to try to monitor what had suddenly become a recurrent phenomenon. He admitted that the same experience that happened to me happened to him many times in that area. It seemed that those strange lights were synchronized with his mind.

Even if my countryside house had in the past (just during the last seventies) the occurrence of UFO phenomena, seen by me, my parents and by the neighboring farmer, after that period nothing strange happened there anymore. But at the time in which I had that strange experience (which repeated at least twice more several days after the first), I

was indeed doing exactly the same research work (parallel with astrophysics) as the one done by Dr. Rutledge. However, this was happening in Norway, in the Hessdalen valley, where I got many data using several kinds of measurement instruments (Teodorani, 2004; 2014a), together with Norwegian (Project Hessdalen) and Italian prominent colleagues. There I never had “telepathic UFO events”; I was just simply monitoring the recurrent phenomenon in that famous valley. I did the same in similar areas in Italy, Canada, Arizona (USA) and Ireland. There I was cold, only worried to get good data, totally rational and in general not emotionally involved at all (except for twice when we saw a flying triangle in the sky and a little light near a tree that was very close to us). Only my left-brain was working there, and that is normal, as this is how science is supposed to work. My mind was very active, but my subconscious probably had some hidden wish to have a close encounter or a contact, even if my skeptical mind was continuously inducing me to think that I was only dealing with some sort of still unexplained atmospheric phenomenon. Nevertheless, (a few months later) back to my countryside house I was not thinking of anything neither rationally nor emotionally. And there the light appeared in the sky, and my eyes were rather induced to look at a very precise point of the celestial sphere, like if I was feeling to be stared at.

At least three times during my scientific missions where I was trying to monitor recurrent atmospheric light balls the phenomenon appeared only after I had packed my instruments in the car, and these were the most prominent sightings I had. It was just like if the phenomenon – or whatever hides behind it – did not want to be measured. That is what I always thought, considering that I felt that this could not be a mere coincidence. In hindsight, I now think that the phenomenon wanted to tell me that it can communicate only with my subconscious and not with my mind and the actions triggered by it or my emotions. No doubt that this leaves a scientist with a burning frustration, but this induces me to think that the true phenomenon (or at least its most striking aspects) mostly occurs at the borders between consciousness and the external reality. Then, how can a scientist measure this? It seems that the information must be kind of “private”, not being shared with anyone else except for people who are maybe in company at that very exact moment, other than someone else who has the same experience as an individual. Apparently, no science can be extracted from this kind of experience, and this is frustrating.

Is this a message about some hidden nature of reality? It seems that there is a barrier also in this case, which is in principle identical to the one we encounter when we discover that two elementary particles are synchronically entangled, but we are unable to know the nature of the information that they exchanged, which is instantly destroyed like a soap bubble as soon as we try to measure that quantum system, causing the collapse of the wave function.

At this point one is obliged to wonder how physical science can probe this strange realm in a repeatable and falsifiable way. How can we be able to demonstrate to other scientists that some of their colleagues communicated something with a star-like thing in the sky just showing the mode and the content of that communication? It is exactly the same problem with entangled particles: we do know that they are entangled and that they communicate together but we do not know what they tell each other. The same happens when two persons communicate together telepathically, or when a person experiences synchronicities. Nothing of this is demonstrable, and – except for strange light phenomena that can be occasionally measured (with video, spectra, spectrometers, etc.) – scientifically it does not exist.

Does what we psychically experience belong to reality? Then what is reality exactly? If this is reality then Cartesius' paradigm claiming that mind/ consciousness and matter are two separate entities is completely wrong, and science as it is still now has only an epistemological value being just a mental map of reality and it is even very rigorous, but it has no ontological value. Is it more important to know the truth and share it with everyone else or to live privately the truth as it is?

Alternatively, is it possible to obtain both informations at the same time? In fact, a physical scientist is not willing at all to give up the possibility to build up a map of the observed reality in order to share it with all the others in order to reach a consensus on the reality of a certain fact. The book of science is, so far, written only using this methodology. I am wondering if something else can be added to this.

I remember a US physicist colleague who some 20 years ago was carrying out research on strange recurrent light phenomena. He was using essential scientific instruments, and we were in contact by exchanging our experiences. All of a sudden, he stopped communicating with me. Many months later, he wrote to me telling that he does not feel any more like measuring those phenomena, as in that specific case “true information” is flowing in a different way than science does. I felt somewhat sad when I read this, a slightly cryptic message. Should we give up our science in order to understand such specific kind of phenomena or should we roll up our sleeves and go ahead like panzers toward the scientific goal by expanding our field of sight? I still believe that some quantitative science can be extracted from all of this, even if with no doubt our rational mind must be harmonized with our consciousness as an additional informative tool. Or maybe we should find out a way to “trick the trickster” in order to find out a way to let our instruments record some crucial data at the same time in which our consciousness is in contact with the trickster-like phenomena (Hansen, 2001).

In spite of the frustration that has been discussed above, in reality, I have never lost my faith in the power of rigorous quantitative physics, which is not “scientism” at all as a religion, but rather simple methodology that works very well and is able to give to us absolute certainties. I acknowledge that UFO phenomena (Hynek, 1977), such as some

paranormal phenomena like ghosts and poltergeists, although probably originating inside our consciousness (or co-created by it), sometimes leave a trace in form of electromagnetic waves (images, videos, optical spectra, VLF or UHF radio signals) and of chemical substances or prints in the grounds. This potential measurable data (especially electromagnetic signals) can be obtained in a very efficient way using an automatic multi-wavelength measurement station able to work 24 hours a day. Projects of this kind and measurements of this kind have been effectively carried out (Project Hessdalen, UFODATA).

In general, I assume that what we scientifically measure is only a trace of something that is interacting with our reality in a transient way but not a real or complete representation of that reality. Yet data obtained using specific sensors, once processed and analyzed, can potentially furnish to us precious information. I might assume that a true UFO phenomenon might be something that intrinsically does not belong to our dimensional reality, but that is occasionally able to intersect with it, just like a 3D sphere when it intersects a 2D plane, which would produce a simple 2D circle.

Let us now imagine that such a 3D sphere and that 2D circle are incremented by one or more dimensions. Therefore, that 2D circle (which in reality is 3D in our tridimensional reality) is all that we are able to measure. It is as if we are studying an object by only observing the shadow it creates. Observationally we cannot extrapolate at all to the true reality of the phenomenon, and this reminds the Plato's cave myth. However, theoretically – namely using mathematical physics or even simple high mathematics – we can potentially do that: the exact imagination of mathematics can bring our mind where it cannot physically go. We cannot experimentally observe alternate realities or dimensions that are other than our own, except for a physical trace left in our reality. However, using mathematical theory, we can give a sight to our blind eye, by trying to extrapolate theoretically our visible data to what is not visible, namely what exists under the tip of the iceberg. Maybe this augmented reality, once we observe it very well and clearly depicted on the screen of a computer, might help us to open another door in our mind, a kind of third eye that can arise only from the deepest recesses of our consciousness.

What happens if we subdue our mathematical theory and technology not to our mind but rather to our consciousness?

Maybe this might be the – never officially found – epistemological side of what, in the human history, has always been called with the word “Magic” (Demeter, 2020), an act that per se has always been merely ontological. Why not having a science that is both epistemological and ontological? This is exactly what happens when the left and the right hemispheres of our brain meet each other and work in tandem. Maybe in order to arrive to this we first need to visualize quantitatively an alternative reality such as the one that could come out from the procedure described above.

If our consciousness is only a small tentacle of a bigger octopus-like cosmic consciousness residing in the quantum vacuum and if that quantum vacuum is able to create (officially, randomly) virtual particles with some creative results, such as the creation of our Universe and many others, then one would be induced to think that such a tentacle-consciousness can create as well. This is literally Magic, namely the ability to suspend the laws of physics.

Therefore, some crucial questions would inevitably arise. What happens if during several years of constant monitoring the automatic 24h UFO station records nothing in the absence of humans (witnesses and scientific personnel)? Are humans necessary in order to create or co-create the phenomenon? This shows that independently from scientific measurements, studying the witness of a UFO phenomenon is of extreme importance (Graham, 2017). I realized this only later.

How would Magic manifest in terms of violation of physics laws? It could allow the trespassing of a solid wall without breaking it, simply being able to suspend the Pauli Exclusion Principle for electrons in the atom. It could defy the gravity force or it could be able to create transient central forces able to simulate gravity and able to suck the surrounding air in order that a plasma ball is produced.

UFO manifestations often defy the physical laws, as we know them: appearance and disappearance, right angle turns, sudden accelerations, materialization and dematerialization, shape shifting, curved light beams, and several other spooky manifestations. The crucial question here is: are these manifestations (when not caused by hallucinatory states) obeying to “new physical laws” or are they simply plain violations of the physical laws as we (and whoever else in the Universe) know them? If so, then what we observe is just Magic, surely systematized by a form of technology in order to pilot these actions at will. Some colleagues go on saying that the technology of beings that are more advanced than us would appear to us as Magic. Instead, I strongly feel that what we observe of an UFO is just a form of “technologized Magic”. In addition, I go on wondering what would have happened if ancient human magical culture was not suppressed, but were let to evolve.

Except for some physical evidences in the Universe that are not yet explained such as dark matter and dark energy, I strongly believe that we do not need to discover new physical laws (through a thorough UFO study, for instance). The reason is because we know almost everything about them and nobody can put them into question as these laws are tested both experimentally and theoretically, being able to explain the Universe as we see and measure it. Everyone else in the Universe would deduce the same things. Therefore, nobody can put physics into question. The point is another one: we are not yet able to discover the nature of our ignorance. I think that we can find this only in the way in which consciousness (which is not mind, intended as rational thinking or intuition) interfaces with the quantum vacuum and with spacetime. I expect that consciousness

could shape physical reality by suspending transiently the laws of physics or by creating new matter and new energy from the nothing. This can happen randomly (as predicted by the Heisenberg principle) or at will (hypothesis). Will is a crucial factor in making events happen, and it might have the valence of a Force: it would be interesting to see if there is any way to parametrize and measure this as a physical quantity. Intelligence, which is the right arm of consciousness, intervenes then in order to “technologize” the process and to repeat it at will.

It is not difficult for me to imagine a sort of room that works as an amplifier of the Force described above, maybe a round or spherically shaped room where a “pilot” sits inside. A strong magnetic field is generated using high currents by means of superconducting devices, in order to induce or stimulate the brain in a state of concentration that is able to activate that Force. That Force is exactly what created the Universe from the nothing, randomly or willingly it makes no difference in the very substance. If something can be really created then it can also be destroyed or temporarily suspended. If this really happens then it could explain everything about the observed behavior of UFOs, namely not new laws of physics but rather their violation due to a consciousness-driven and technology-assisted manipulation of the quantum vacuum and spacetime wrapping it.

Instead, if the Universe were a hologram, then the manipulation of reality would occur on the software by which this Universe is constructed, exactly in the same way as when we play a videogame using a joystick. Therefore, if this were the case, a UFO pilot would be a child who plays a videogame.

Four centuries ago, true Science was able to come out of a millennium of darkness populated by the power of Church and the delirious demons created by it. Alternatively, maybe were Science and Church allies for a very specific goal? I might be tempted to think so, and there is some logic here: to protect humanity from “wild forces” that it cannot control. If we do not know how the mechanism works then it would be like playing with the fire or like a child who plays with charged pistols. We cannot handle the fire, unless we are able to use a device that allows us to use it for our purposes and in total safety. In few words, at those times humanity was not ready at all to use that fire. The Church, in its ignorance, was considering it the result of a demonic action (let’s never forget the inquisition of witches, by the way) while Science is still considering this a danger (officially passed for charlatanism or at best pseudoscience). However, it would not if we learn how consciousness works in creating, shaping, altering or interrupting reality by acting simultaneously on the quantum void and on spacetime. I believe someone in the Universe learnt how to do this, after a long evolutionary period for maturation.

Maybe someone here on this planet too had learned how the mechanism works: I am speaking about those who we named with the term of “witches” (Demeter, 2020). However, at the same time, a science and a technology of how the process works was not yet available, so that if the actuator did not have enough control on it it could constitute a problem for the others or themselves. Violent reaction to this such as the one from the Church was dictated both by ignorance and by abuse of power. The reaction today of Science is simply dictated by caution and probably also by a fear that all that which we thought we know scientifically is wrong. No, our science, as it is now, is not wrong at all: it can predict facts extraordinarily well, and coupled with sophisticated technology and information theory it can help us to do so many things, which once were unthinkable.

The point is not at all if science is wrong or not, the point is only of partial blindness to some other aspects of reality. This is surely due to the way in which we have been educated to use our brain. Our society tells us that we cannot use the left and the right brain simultaneously: we can be scientists, engineers or economists on one side or artists on the other side. Is there a sort of “tunnel” that put the two brains in communication so that a gate can be opened in order to allow us to make a full use of consciousness through our own mental terminal?

It is not difficult to think that all monotheistic religions have kept humanity on a leash and with a muzzle in their mouth, by imposing in a very subtle and subliminal way a system of education at school whose goal was (and probably still is) to keep the two brain hemispheres separated. Probably their original intent was to protect people from an unknown that they called “demonic reality” and soon later as a system of power to create a herd of sheep. The much younger Science, even if driven by a diametrically different posture, did more or less the same, although producing a true description of the material reality that is not dictated by the paradigm of faith, but only by reason. The problem of religion in this context is and remains ignorance, while the one of (official) science is blindness. Science can be healed by giving to her a full sight to which an already powerful brain would be subdued. Religion cannot be healed at all, yet it can be turned into something else (not less dangerous) where an alternative act of faith flows in: for instance, the faith in extraterrestrials instead of God (Pasulka, 2019).

In few words, we need to establish a new aptitude on how to use our brain in order to trigger consciousness, which in its turn would be able to shape and alter spacetime and create new matter and the energy associated with it. The second step would be to find a technology able to pilot all this at will. At this point, we would be able to fly a UFO.

What we are seeing in our skies is probably this. The effects that these phenomena produce in our physical reality can be measured indeed using the sensors and the knowhow that we already acquired (Project Hessdalen; Teodorani, 2014a), in particular using an automatic measurement platform. The procedure involves the measurement of the phenomenon simultaneously in different wavelength ranges, in order

to search for time variability of physical parameters, with the hope to understand something of the physical mechanism producing the observed effects. In the past, I thought that these could be due to a natural phenomenon or to the aftereffects of some “propulsion mechanism”: this was my anthropomorphic way of thinking. Yet such a possibility cannot be excluded at all, of course. As well as it remains scientifically reasonable to search for extraterrestrial intelligence using the SETI or SETI-related protocols (Teodorani, 2006; 2014b; 2014c).

However, I have a strong feeling that what we would measure would be only the tip of an iceberg, whose entirety can be fully understood only if we are able to make our consciousness participate in the data acquisition process. I have the strong impression that UFOs suddenly and transiently appear in our reality not in order to show themselves, but rather to trigger processes in our consciousness through our sight, something that is intended to cause a sort of transformation inside ourselves, which means a better way to know and use our integral and cosmic nature. I believe that those things seen in the sky play the same role as the one played by hypnagogic images suddenly appeared in the screen of our mind: those images are simply icons, namely the actuators of a program (or software) that once unpacked is able to activate processes in our mind. Moreover, probably as well as with UFOs in the sky we collaborate to co-create those images. All this happens when our psyche is entangled with something else that is nowhere and yet here, just written and coded in the quantum vacuum of the atoms of which we are made, just a piece of eternity that is entangled with itself inside the spacetime in which our Universe is immersed, and maybe with the spacetimes of other universes, where probably someone left a message in a bottle. A message made of images in our mind and of real objects created in the sky with the collaboration of our minds, triggered by an ancient technology whose goal was to make the Universe learn how to become conscious of itself in order to become a God.

Hypnagogic images, strange messages received in our mind, strange fragrances, and the apparition of “ghosts” or of strange beings in our bedroom: that is the time in which our mind becomes kind of “stereoscopic” in order to perceive the psychedelia of all that exists. These experiences are intended to stimulate our consciousness in order to make our rational mind and/or intuitive side react. New scientific discoveries are suddenly done, incredible artworks and music are suddenly created, enlightened social systems are born, and so our society tries to evolve bringing order in the chaos.

#### **4. Messages through symbols**

Many years ago, in addition to carrying out scientific missions to areas of the world where unexplained light phenomena are seen most often, I had three times the chance to investigate crop circles (Pringle, 2010) in my area (Emilia-Romagna, North Italy). In all of the three times, I could demonstrate that such pictograms were clearly manmade and that no anomalous electromagnetic signal was recorded. Yet many persons

inside them were feeling kind of enraptured being there, just like if they were inside a cathedral. At the time I found this New Agey and funny, but later I realized that this aptitude was coming from something that should be taken seriously.

Now we are only able to formulate hypotheses on the effect of agroglyphs on the psyche of people based on deep concepts that have their roots in quantum theory. Our psyche or consciousness would be "tuned" to what physicist David Bohm (Teodorani, 2011a) called the "field of form", at the root of which the "quantum potential" would be, the mathematical representation of the invisible entity that drives elementary particles such as electrons. It is not an electromagnetic field and does not involve the production of waves (the received intensity of which decreases with the inverse of the square of the distance from the transmitting source). Instead, it is a kind of resonance manifestation whose intensity is qualitative and not quantitative and depends only on a new factor, decidedly exotic for standard physics: substantially it is the "power of emotion" evoked by a figure full of meaning such as a symbol is. In this way, a universal symbol would be an objective entity existing in a global realm of a psychic nature that Bohm called "implicate order" (Bohm, 2002), whose main characteristic is to be in connection with all the consciences of the universe that are attuned to it. This would take place in a completely non-local – or instantaneous – way and in a form that would follow the well-known mechanism of quantum entanglement in an almost identical way. At these levels, then a symbol such as that represented by the pictograms in wheat – regardless of who created it – would have the function of linking our psyche with universal archetypes (Jung, 2002). A common denominator that would unite all sentient beings in the universe in a form of quantum interconnection: this would mean that within a particularly well-developed pictogram, people would all feel the same emotion with the consequence of activating or amplifying certain brain waves.

At this point, what need is there for extraterrestrial, ultraterrestrial or intraterrestrial intelligence to be able to grasp what really matters about the symbolism presented by crop circles? It is the symbol that must interest us if we really want to expand our physics, and not so much who did it. It is certainly more important to extend our knowledge of the complete laws of the Universe than to demonstrate the existence of alien intelligence.

Coming back to my experience when I was investigating crop circles a very curious event happened to me close to one of them in 2007. I took a long lasting session of measurements inside that pictogram, with no results of interest. At the end, as soon as I was going out from it I do not know why I decided to take an infrared photo from out of the fence and what came out was impressive. Even if this is only pareidolia caused by some grass or plants on the ground, it is possible to see a shape that resembles almost perfectly the so-called "mowing devil" of ancient British tradition, which was depicting the alleged author of the pictogram.



**Figure 1.** *Left.* Crop circle close to the main cemetery in Forlì (Emilia-Romagna, North Italy), photographed by Mr. Gian Domenico Marchi. The pictogram appeared in spring 2007. *Right.* My infrared photo taken just out of the entrance to the field where the pictogram was located.

What did I learn from this? Literally nothing scientifically, but this coincidence is truly shocking and probably not random. It seemed to be an aimed message telling me that the idea of extraterrestrials making a crop circle using a microwave beam (as some still believe) from their UFO – although scientific per se – is just an anthropomorphic hypothesis and probably even naive. I feel that the reality behind UFOs and crop circles is largely bigger than our limited mind may suggest to us. There might be a so-called “non-local intelligence” that wants to communicate with our subconscious using synchronicities, symbols or even pareidolia. I can only acknowledge this, but my rational mind is not able to decode it. Maybe I will leave it to my subconscious hoping that it has covertly shaped something of my consciousness.

## **5. Balls of light and the Zero Point Field**

For at least 25 years now I have carried out physics-like research on anomalous “light balls” that occur very often in some areas of the world, and published several technical articles and reports on this (Teodorani, 2014a). So far, I was only able to describe systematically the kinematic, photometric and spectroscopic behavior of the light phenomenon, but – although I ventured several physical hypotheses and theories regarding its formation – I was not able to find any self-consistent physical explanation of it, especially about the confining mechanism of the plasma for so long time. Clearly, I have a strong faith in the power of science that induces me to think that maybe in the

future we will learn more. However, in the years I learnt (or felt?) something else which I am not yet able to quantify, but of which I have so far a qualitative hypothesis.

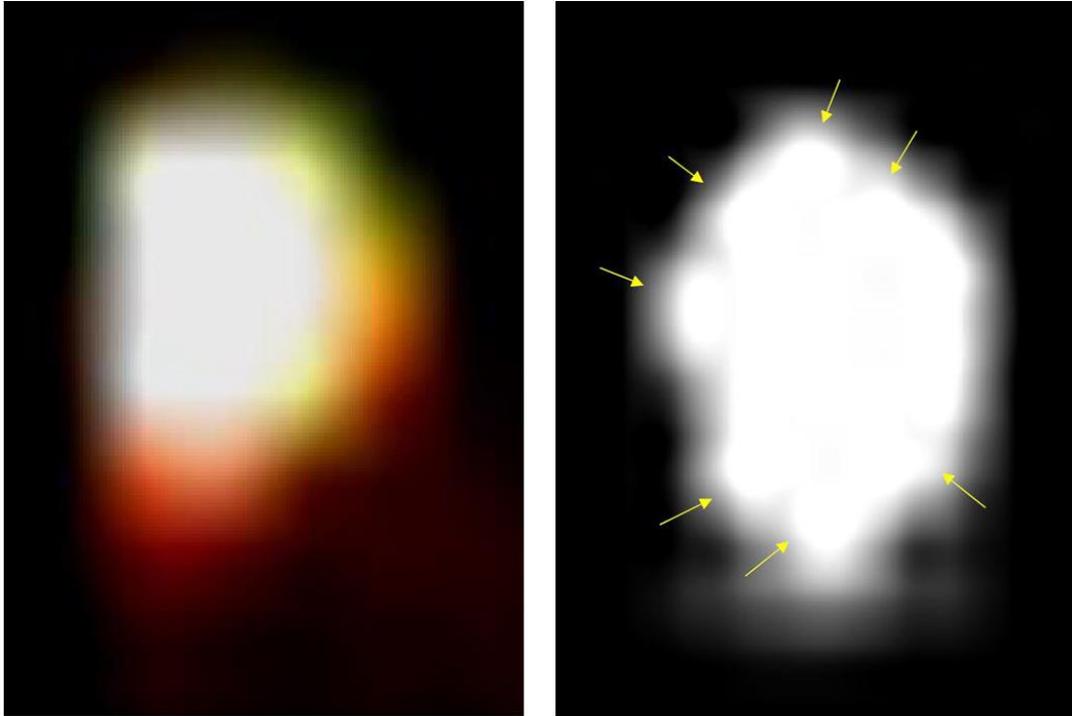
Several physical models provide for the formation of self-powered balls of light. According to a broader theory, such as that of US physicist Hal Puthoff, some of these light phenomena could arise from quantum macro-fluctuations of the Zero Point Energy, a different way to call the quantum vacuum (or, more technically, the Planck scale). The Zero Point Field is probably the most advanced frontier of current physics, because through its existence, demonstrated in the microscopic domain with a famous experiment by Dutch physicist Hendrik Casimir, some natural phenomena might be explained, in particular those that show an anomalous behavior.

What is able to stimulate the emission of energy from the zero point field? According to this theory, there is a close interaction between the known world, made of matter and energy, and the inter-particle vacuum, a vacuum full of energy in its potential state that can be potentially awakened by an external stimulus. The most recent theories assert that all matter and radiation in our universe was born from fluctuations of the vacuum state. The explosion of the Big Bang itself, which gave birth to the known universe, is currently supposed to have been an immense quantum fluctuation of the void. But, perhaps not a fluctuation that arose by chance, but rather a conscious fluctuation as an act of creation. I feel that consciousness might play a primary role here. If so, then the Universe as we know it would not be the result of mechanical random concatenations of which we are only external spectators, but rather of a real creative act.

In all this, unlike what is deduced from the (still valid per se, of course) old book of physics which asserts that the observer is only a passive observer of a reality external to him, an important role could be played by the mind and consciousness. Consciousness could function as a kind of "switch" capable of activating the zero point field itself. This would even explain the so-called "paranormal phenomena", where the non-local transmission of information or even of matter and energy, seems to arise from nothing by a simple "resonance effect" with the zero point field.

Is there then a sort of "universal consciousness" in Nature, capable of drawing on an inexhaustible energy reservoir and how is it activated? Perhaps the explanation could be found in the living world, but also in the "non-living" world and in its innate harmony with creation, a condition for coming into contact with "the field". If this were a conscious (and not instinctive) act, the apparent non-randomness of the formation of universal geometric shapes (or even structures) from some Hessdalen's balls of light could be explained as an organized intelligent act, which perhaps has the goal of sending a meaningful message to our consciousness by operating by means of what we call "subliminal channels". In this hypothetical scenario geometric formations acquired by the clusters of light balls could be a sentient and not random act that draws on forces

determined by known natural mechanisms (apparently prosaic in itself) or that even triggers those mechanisms, in order to communicate to us how the Universe really works.



**Figure 2.** *Left.* High-resolution video snapshot of a rectangle-shaped light phenomenon photographed in Hessdalen, Norway in summer 2001. The rectangular shape (no pixilation effect) formed straight from a spherical ball of light that was close to the ground together with other two ones. *Right.* Same object surrounded by little light balls a few seconds after its apparition.

According to this scenario, the Universe would be a permanent artwork where the painter uses consciousness as a brush and the zero point field as a palette. This would be a simple creative act, which would like to show to us that the process of creation is ongoing and of which all intelligent and sentient creatures can become protagonists, assuming that we are able to learn to use some sides of our brain completely and in accordance with the purpose for which it was designed. I am wondering if this can or will be supported by a physical science of consciousness and its quantum interaction with the zero point field.

Our technological civilization seems to have reached the climax of an (unconscious) abuse of the left hemisphere of the brain, the one of scientific objectivity. It was exactly this approach that led us to the most realistic interpretation (although not completely demonstrated) – for example in the case of Hessdalen lights – showing that the observed light phenomena could be due to an electrochemical effect acting on a

plasma generated by tectonic strain and piezoelectricity (Teodorani, 2004). This seems to be a logical and satisfactory explanation at the level of standard physics, but also an explanation that fails to provide an interpretation of other observed facts produced by the phenomenon, in particular the apparent geometries sometimes acquired by it, and also the confining mechanism of the plasma through an hypothesized “central force” of unidentified nature.

We probably found the "how" of this phenomenon but not the "why" and the "where it all really comes from", as convinced as we are that the essential philosophy of science consists only in establishing the determinism of events, but without giving them any meaning or primary origin. In this way our knowledge stops at the certain evidence of an existing "natural phenomenon" – as I have myself done for at least 20 years – but the fact that such a natural phenomenon can be used as a brush, pencil or chisel in order to send some kind of information seems to elude our scientific understanding. If this phenomenon is able to acquire certain shapes in order to communicate to us another way in which the Universe works, then how can we measure all of this in order to demonstrate that this is really happening?

Of course, in addition to proposed experiments involving the interaction of these light phenomena and the human brain (Teodorani & Nobili, 2007), I have recently proposed to monitor the mystery lights using a high time-resolution video camera (capable to acquire up to one million frames per second, both for direct imaging and spectroscopy) in order to verify if the (well demonstrated) light and color variability of the phenomenon contains a coded message that so far escaped our attention (Teodorani, 2015a; 2015b)). How is it possible that what appears as a natural phenomenon all of a sudden manifests a form of intelligence, and who pilots it?

Certainly, in the universe we are not the only intelligent life form. Still now, we are convinced that in order to look for other intelligent beings, we must necessarily identify signals that are identical to those that we ourselves are able to send, such as radio or maybe even Laser signals. This is correct. Until now, apart from the many false alarms recorded during the last 50 years by the SETI Project, there is no evidence of extraterrestrial intelligence living on other planets. However, there are some reasons to hope that when in a few years the sophistication of optical telescopes, radiotelescopes, high-resolution CCD sensors and multichannel spectrometers will reach their maximum efficiency, we will possibly be able to find some of such expected signals scattered within a few thousand light years away from us. That would just be the signal sent by a civilization that is similar to ours, if this possible discovery will ever happen. However, this would be a mere selection effect.

We should wonder how long do technological civilizations able to use only the left hemisphere of their brain last. If we look at the dramatic ecological status of our planet and take note that our technological civilization is just a bit more than 200 years old, it is not difficult to imagine that such a culture is destined to become extinct in a very short time, because it is the planet itself that contains it to rebel to it by engulfing it through climatic cataclysms of various kinds.

Maybe we could discover one day that civilizations like ours have a very short lifespan, so short that civilizations of our kind are almost all extinct, letting us think that we are almost totally alone in the Universe. We simply were the victim of a fatal selection effect born from having ignored the way in which civilizations with consciousness and intelligence really evolve, and we are punctually reciting some part of the myth of Plato's cave, inside which we pass an illusory reflection for the real reality.

If instead we took the real evolution of intelligence and consciousness in the Universe into account, what would we find? We would probably find that radio waves are no longer used to communicate remotely. However, this can only be verified if we begin to seriously research on the techniques that underlie non-local communication using so-called "resonant spaces", the one that ridiculously we still call "telepathy", a technique that in all probability draws its roots from the zero point field. A non-shamanic or instinctive technique, but rather based on a kind of controlled physics that we don't know yet, whose horizons we are only beginning to glimpse now, thanks to a group of scientists who, regardless of their career, have decided to really deepen their physical knowledge of the nature of reality (Radin, 2009).

In this way, not only we could find that the Universe is itself intelligent and working in synchronous communication, but also that its evolved beings – namely, those who have conquered the "era of the fusion of the two cerebral hemispheres" leaving behind old and childish Cartesian beliefs, co-create in harmony with the entire universe. They also probably learned to teleport themselves everywhere in the Universe using a technology that is unimaginable for us, but which stems from a deep knowledge of the physics of the zero-point field and its interaction with our consciousness and its applications, including relativistic effects such as wormholes in spacetime, whose existence has already been predicted as one of the solutions of Einstein's field equations. Interestingly enough, recent work in theoretical physics has shown that the two gates of a wormhole behave exactly like two particles that are connected together by quantum entanglement, showing once more that quantum vacuum and spacetime behave as the same thing. If quantum entanglement also regards our consciousness, then it is not difficult to imagine that we could travel everywhere at will in the Universe, being probably assisted by some kind of "machines" that we can scarcely imagine right now.

If we assume that everything that we do or think in this world has a resonant effect even at unimaginable distances from us, then it is not difficult to imagine that someone from somewhere else might decide to come physically here to check out what is happening in this cage of lunatics. I could imagine that some galactic or extragalactic civilizations might have decided to trigger particular effects in our world, using and/or manipulating normal mechanisms of Nature, by directly stimulating the zero point field in order to "strike from a distance" right here. If so, I might suppose that some of the light phenomena we observe are precisely the result of this remote interaction and that such intelligences then might wish to come to check on site in order to see if the process remotely triggered by them is functioning correctly and if it gets the desired and planned effect. Therefore, in addition to performing a remote action that uses non-local processes, these intelligences might come directly here.

Studying the rich archive of places in the world where anomalous light phenomena appear recurrently, it turns out that the most standard light phenomenon (with or without geometric shapes) is often accompanied with real "aerial crafts" of a completely unidentified nature. This is stated not so much on the basis of the numerous testimonies, but above all on the basis of the acquisition of precise videos and images taken not by dreamers, ordinary citizens, or even counterfeiters, but rather by professional scientific researchers owning at least a doctorate (including the writer), some of whom wish to remain anonymous. In at least half of the places in the world where "geophysical" light phenomena occur, there is therefore also an overlap of these apparently natural phenomena with the overflight of real flying devices. It remains to be excluded that such devices may instead be secret projects of some government, testing them precisely in areas where anomalous light phenomena occur in order to make everyone believe that these are alien visits, in order to thus operate unsuspected. However, this may not be the case. Obviously there is still no scientific evidence that the Earth is actually visited, but there are all the scientific preconditions for looking for them right here, as well as the suitable sensor technology to obtain some results with this goal.

Usually in science, especially in physics, there is no room for speculation because the Galilean scientific method does not provide for oxen to be placed in front of the cart. However, when one realizes that some phenomena cannot be explained with standard physics, then if we are truly driven by a real desire for knowledge, we are necessarily forced to prefigure alternative or additional scenarios before carrying out new measurements. However, these scenarios do not arise only from the imagination, but also from the more advanced concepts that are emerging from quantum physics. Perhaps precisely this speculation – which inevitably link us to new emerging physical concepts – can help us to open our mind to unexpected possibilities and consequently to redesign the physical research on anomalies in Nature.

A research that emerges (also) from speculation could materialize one day, perhaps not too late, in a real rational architecture that is testable experimentally and formalized in a mathematical way. After all, if the zero-point field theory is true, everything that emerges spontaneously from our mind, especially if it is induced by a stimulus, does not arise by chance, but probably already exists stored in the maze of an immense library located in the quantum vacuum where it is possible to consult all that which has been, and all that which will be (Teodorani, 2015a).

## **Conclusion**

A long study during my entire life, together with some of my personal experiences, has deeply shaped my thought about what UFOs and similar phenomena might be. I spent a half of my lifetime attempting to study these anomalous events using the scientific method, hoping that I could measure the physical parameters that can be obtained using specific measurement instruments and sensors. Something was obtained scientifically: after all light phenomena in the sky are photon emitters exactly like stars. Photometry, spectroscopy, magnetometry, radio spectrometry used all together, together with a thorough statistical analysis of witness cases, remind a lot the way in which we proceed in astrophysical investigations of celestial objects (Teodorani, 2014a).

Nevertheless, these phenomena are not like stars or galaxies; they are not predictable even if they occur very often in specific places of Earth. Above all, some of these phenomena, appear to like to surprise us when we less expect, just in order to shock us taking us by our subconscious and not by our mind. The intelligence which is probably behind some of these phenomena seems to like to have a control over us and at the same time loves to speak directly with our spiritual side, and sometimes loves to induce to us both marvel and terror, hitting the most inner side of our being, the one that unites our spirituality with our emotions. We scientists use our rational and scientific mind in order to try to understand what happens in our skies, but most often we are able to scratch only the surface of these events (at least so far). These phenomena are totally slippery and evasive when we try to control them and their occurrence using the power of our physical science or even of our military equipment.

They speak directly to the heart of persons, which is probably our true nature, even if we are not aware of it yet. They speak through synchronicities and they rarely appear when our sensor equipment is there waiting for them. They show to us things directly inside our mind, like in a super-HD television screen. Alternatively, they can create monsters and hallucinations digging inside our terrors and amplifying them. It seems they find the right ground inside our subconscious (Jung, 2002), and all of a sudden like Tulpas (David-Neel, 2014), they appear in various forms in the sky or like strange beings of different shapes, sometimes giving us the impressions to bring us inside a spacecraft (Mack, 1994; Strieber, 2008), where they perform ridiculous medical tests on our bodies.

It all happens inside our minds, I believe, but sometimes what apparently looks like an hallucination becomes all of a sudden a material thing able to produce electromagnetic perturbations or tracks on the ground. During human history they always change shape: they were elves, gnomes and fairies in the middle ages, they were airships in the nineteenth century, flying saucers in the sixties and seventies, flying triangles in the eighties and nineties, “flotillas” in the beginning of the new millennium, just like if they like to fish in the collective imaginary of science fiction and real space exploration (Vallee, 1993). However, never, not even a single time, have I thought that they are extraterrestrials from another planet. To me they belong to the family of ghosts, whose realm is completely different from ours. Their behavior is often illogical, at least the way in which people perceive them, and just for this reason science refuses to study them, as our mathematical certainties would be washed out by an ocean of confusion and chaos. Science does not like tricksters, or anything that cannot be controlled, predicted and reproduced at will.

They really look like a (mostly mental) system of control (a kind of “cosmic mind control”?), as the great scholar Jacques Vallee still thinks, and their agenda is totally unknown to us (Vallee, 1993).

As soon as the weird concepts of quantum physics – together with the nonsensical fact of a cosmology made of a universe born from nothing – came out from the mind of geniuses one century ago, science started to peek inside the truly magical aspects of Nature, where it is possible to look at it through the weird behavior of elementary particles. The realm of quantum mechanics showed to us how we observers can interfere with our reality when we try to measure elementary particles and how, sometimes, particles that are separated even billion light years away from each other, are entangled together like if they are the same being at the same place and same time. It also shows how a foam of virtual particles, some of which are able to create Universes, animates all of a sudden what we call “vacuum”.

There are those among us who began to wonder if this Universe has a consciousness of its own, even if the process of “creation” in the universe is, according to quantum mechanics, random. Others among us wondered if that “perpetual machine” could be tapped at will in order to turn what appears like a natural waterfall or even earthquake (to make a metaphor) into a controlled energy machine able to create matter and to store information non-locally. Then it appeared natural to think of the possible existence of “Builders”, namely intentional creators of Universes and of Life: the super-technology per excellence. Those who finally discovered how consciousness is related to matter and energy through a non-local link, in the same way in which the implicate, and the explicate orders of physicist David Bohm are intimately connected together: a physical universe governed by locality and causality covertly driven by a mental universe united to itself through quantum entanglement.

If we consider the situation from the side of our explicate physical world, no information can be extracted when two entangled particles communicate to each other, as the act of (our) observation destroys the content of that information. Instead what happens if we consider the situation from the side of the implicate non-physical (but only informative) realm? We can transmit and receive information, like if the transmitter and the receiver are just the same entity. The information can be only private; it is not at all demonstrable inside a laboratory, and yet it shapes our mind and even our life in such a way that it can even change human history. Therefore, it is not difficult to imagine that “someone else” might continuously use this mode in order to stimulate or trigger intelligent living beings in the Universe who are not evolved enough to understand its true meaning, by literally sending messages inside their mind or stimulating them to connect to the appropriate “non-local internet link” and/or creating material prodigies or even holograms in their own sky able to shape the belief system of their epoch. UFO sightings in particular, in their majesty, arouse a sense of wonder. That is probably the trigger that turns on something inside our inner self: this is creation inside us, in some way a process similar to the creation of Life in the Universe.

These Gods (Lewels, 2005) are so far and so close at the same time, but they are unreachable. The point is that we have not to reach them, but rather we have to reach our own deepest nature, because probably the ultimate fate of the Universe is to become only one conscious entity, aware of itself through the magic of an implicate order where space and time cease to exist, although that same order is at the root of our explicate reality in spacetime.

I think that the methods of our physical science will one day help us to reconstruct mathematically the whole picture. Therefore, every data that is collected on these phenomena is precious in order to help us to put the pieces of the big puzzle all together with the help of multidimensional mathematics. At that point we shall have a big picture, just a picture to hang on the wall of our mind, just like a mandala, the one which can help us to learn how to use our consciousness after knowing our true nature and identity inside this incredible Multiverse. Maybe some of us will know something more about this after this life (Ring, 1992); if there will be ever a possibility to become a butterfly from a worm.

## References

- Bohm, D. (2002). *Wholeness and the Implicate Order*. Routledge Classics, USA.
- David-Neel, A. (2014). *Magic and Mystery in Tibet*. Martino Fine Books.
- Demeter, S. (2017). The Grand Cloud: Life, the Universe, and Everything, and where it might be stored. *Youtube* presentation.
- Demeter, S. (2020). *La Strega – Una Storia Cosmica*. Bologna: Le Due Torri Editore (version in English *Cosmic Witch* in press.)
- Graham, R. (2017). *UFOs – Reframing the Debate*. White Crow Books, UK.
- Guth, A. (1998). *The Inflationary Universe*. Basic Books, USA.
- Hansen, G. P. (2001). *The Trickster and the Paranormal*. Xlibris Corp, USA.
- Hynek, A. J. (1977). *The UFO Experience*. Ballantine Books, USA.
- Jung, C. G. (2002). *Flying Saucers – A Modern Myth of Things Seen in the Sky*. Psychology Press, Routledge Classics.
- Lewels, J. (2005). *The God Hypothesis*. Granite Publishing, LLC.
- Mack, J. E. (1994). *Abduction*. Scribner, USA.
- Massimo Teodorani, Website: <https://massimoteodorani.com/>
- Pasulka, W. D. (2019). *American Cosmic*. Oxford University Press, USA.
- Pringle, L. (2010). *Crop Circles – Art in The Landscape*. Frances Lincoln Ltd.
- Project Hessdalen, Website: <http://www.hessdalen.org/>
- Radin, D. (2009). *Entangled Minds*. Pocket Books, USA.
- Ring, K. (1992). *The Omega Project*. William Morrow Co.
- Rutledge, H. (1982). *Project Identification*. Prentice Hall Direct, USA.
- Strieber, W. (2008). *Communion*. William Morrow & Co, USA.

Susskind, L. & Friedman, A. (2015). *Quantum Mechanics – The Theoretical Minimum*. Penguin, USA.

Tegmark, M. (2002). Parallel Universes. *Scientific American*. May 2003, p. 41-51.

Teodorani, M. (2004). A Long-Term Scientific Survey of the Hessdalen Phenomenon. *Journal of Scientific Exploration*, Vol. 18, n. 2, pp. 217-251:  
<http://www.hessdalen.org/reports/scex1802217251.pdf>

Teodorani M. (2006). An Alternative Method for the Scientific Search for Extraterrestrial Intelligent Life: “The Local SETI”. In: J. Seckbach (ed.) Book: *Life as We Know It*. Springer, COLE Books, Vol. 10, pp. 487-503:  
[https://www.researchgate.net/publication/228654207\\_An\\_Alternative\\_Method\\_for\\_the\\_Scientific\\_Search\\_for\\_Extraterrestrial\\_Intelligent\\_Life'The\\_Local\\_SETI'](https://www.researchgate.net/publication/228654207_An_Alternative_Method_for_the_Scientific_Search_for_Extraterrestrial_Intelligent_Life'The_Local_SETI')

Teodorani, M. & Nobili, G. (2007). Anomalous Light Phenomena vs. Brain Bioelectric Activity. Conference: "Quantum Mind 2007", Salzburg, Austria. *Journal of Consciousness Studies*, Special Number, pp. 109-110:  
[https://www.researchgate.net/publication/252239413\\_Anomalous\\_Light\\_Phenomena\\_vs\\_Bioelectric\\_Brain\\_Activity](https://www.researchgate.net/publication/252239413_Anomalous_Light_Phenomena_vs_Bioelectric_Brain_Activity)

Teodorani, M. (2011). *La Physique e l'Infini*. Macro Editions, France.

Teodorani, M. (2011). *Synchronicitè*. Macro Editions, France.

Teodorani, M. (2011). *Entanglement*. Macro Editions, France.

Teodorani, M. (2014). Instrumented Monitoring of Aerial Anomalies – A Scientific Approach to the Investigation on Anomalous Atmospheric Light Phenomena. CAIPAN 2014 Workshop – CNES/GEIPAN: [http://www.cnes-geipan.fr/fileadmin/documents/24\\_TEODORANI\\_full.pdf](http://www.cnes-geipan.fr/fileadmin/documents/24_TEODORANI_full.pdf) (and all the Technical References of this author therein).

Teodorani, M. (2014). A Strategic Viewfinder for SETI Research. *Acta Astronautica*, 105 (2): 512-516.

Teodorani, M. (2014). Search for high-proper motion objects with infrared excess. *Acta Astronautica*, 105 (2): 547-552.

Teodorani, M. (2015). *The Hyperspace of Consciousness*. Buzzword Books, Australia.

Teodorani, M. (2015). Monitoring Plasma Life. Abstract rejected by the International Academy of Astronautics:  
[https://www.researchgate.net/publication/278409506\\_Monitoring\\_Plasma\\_Life](https://www.researchgate.net/publication/278409506_Monitoring_Plasma_Life)

Teodorani, M. (2020). *Raccontare l'Universo – Introduzione Divulgativa all'Astrofisica*. Tangram Edizioni Scientifiche, Trento.

Totemtag. *Bandcamp*: <https://totemtag.bandcamp.com/>

UFODATA Project, Website: <https://www.ufodata.net/>

Vallee, J. (1993). *Passport to Magonia*. Contemporary Books, Inc, USA.

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**Bio:** Dr. Massimo Teodorani is an Italian astrophysicist. He obtained his degree in Astronomy and his Ph.D. in Stellar Physics at the University of Bologna. As a researcher at the Astronomical Observatories of Bologna and Naples, and later at the INAF Radiotelescope of Medicina (BO), he has been involved in research on many types of explosive stellar phenomena – such as supernovae, novae, eruptive protostars and high-mass close binary stars – and, more recently, in the search for extrasolar planets and extraterrestrial intelligence within the SETI Project. He subsequently taught physics as a lecturer at the University of Bologna, Rome and Torino. Among his research interests there is also an active involvement in the physics study of anomalous aerial phenomena. He is an expert in military aeronautics. In addition to many technical papers in all of the mentioned subjects, he has published 18 books and several divulging articles on quantum physics, atomic and nuclear physics, astronomy, astrophysics, bioastronomy, physics of anomalous atmospheric phenomena and aerospace subjects. He had many interviews on the media about some of his research, and he gave many public presentations. During his free time he is also a composer of electronic music under the pseudonym "Totemtag".