

SHORT CIRCUITING

the

COSMOS

ALIEN TECHNOLOGY EXPLAINED

by PETER DUNN

Very few people would argue, these days, that we are alone – that mankind is the only higher order sentient life-form inhabiting the immensity of the Cosmos. Even scientists have begun, begrudgingly, to admit that the Earth being an isolated oasis of intelligence in a Universe otherwise devoid of advanced civilizations is highly unlikely.

Where scientists and ordinary people part company, however, is on the issue of visitation. Is ET, for whatever reason, coming here to check in on us? Ordinary people see the mounting evidence - often with their own eyes – they read the reports, watch the videos and generally accept that there is 'something going on' that they are not being told about. Scientists, on the other hand, have a severe impediment when it comes to accepting the presence of alien spacecraft in our benighted skies. Their model of physical reality emphatically precludes the feasibility of interstellar travel. If ET is, therefore, coming here to visit then everything they think they know will be proven wrong.

So who is in error? Are the ever increasing numbers of witnesses to strange aerial phenomena mistaken? Or is it the scientists with their, perhaps, fatally flawed theories who are missing the point?

The simple fact of the matter is that, if you have seen something strange in the sky or you believe that the testimony of witnesses and the burgeoning amount of photographic/video evidence to be credible then you are also going to have to accept that our scientists: our arbiters of truth, are leading us away from – and not toward – an understanding of reality which allows for travel between star systems.

That is what I am going to attempt to provide for the reader here: an understanding of reality that allows for interstellar travel. The weird thing about traveling to the stars, however, is the fact that – in order to achieve it – we have to cut out the actual 'traveling' bit. Interested? Read on.

First of all I'm going to have a look at what conventional wisdom has to say about the totality of energy/matter within the Cosmos. The first law of thermodynamics tells us that energy must be conserved - that it can be neither created nor destroyed. Now all of the energy (along with all of the matter) that, at present, comprises our Universe was created – we have been told – in one blinding flash of creation: the Big Bang. There is, however, a problem with the Big Bang theory. It was originally conceived as an explanation for why the Cosmos is expanding. The galaxies are all moving apart, it was argued, because – originally - the total mass of the Universe was wrapped up within an infinitely small, infinitely dense singularity. Fourteen billion years ago the singularity exploded and the expansion began. This expansion, it was then thought, would eventually be slowed down and then reversed by gravity. This is not happening. The expansion of the Universe is still accelerating exponentially. To account for this the theorists have postulated the concept of 'dark energy'. Now if dark energy is driving the accelerating expansion we have to ask the question: for how long has it been doing so? If the answer to this is fourteen billion years then the Big Bang need never have happened. Further to this an accelerating expansion would require, with every passing nanosecond, more and more – *IE newly created* - dark energy which directly contravenes the conservation law. So the conventional wisdom has got it seriously wrong and needs to be dispensed with.

Now new theories, as a rule, usually propose new laws to explain different aspects of physical reality. I am going to take an old law: the Zeroth law, and apply it in a way that was never intended by its original proponents. The Zeroth law is a sort of prequel to the laws of thermodynamics written after the fact – it goes like this: energy will always flow from a hot reservoir to a cold reservoir. Another way to express this would be to say that a hot body in a cold medium will radiate heat until the body and the medium reach thermal equilibrium. Yet another way to describe this law – the way most relevant to my version of events – goes like this: all quantum entities and systems exist at their lowest possible ground state (their lowest possible energy level) and, after being disturbed (raised to a higher energy level) by some outside force or agency, will always return to that ground state.

(NB there are exceptions to this that – along with other related material - I will not, for the sake of brevity, be going into here. For a full exposition of my theory please follow the link to 'Quantum Reality' provided at the end of this article. PD)

All of this is not just esoteric mumbo jumbo – it does have practical applications in the real world. Take, for instance, an old fashioned light bulb. When electricity (a stream of electrons: our 'outside force or agency') flows along the nichrome wire in the bulb the electrons give up (transfer) some of their energy to the sub-atomic particles (quantum entities) that comprise the atoms/molecules (quantum systems) that, in turn, comprise the wire. These particles now exist at a raised energy level. To return to the ground state the particles have to get rid of this excess energy. They achieve this by emitting photons (quanta of electromagnetic radiation), in the form of heat/light, and the bulb glows.

Now that we are all au fait with the Zeroth law (my apologies to those of you who were already familiar with it) we can now apply it in a way that has never been considered before – we can now apply it to the Universe as whole – as a single quantum system.

What we now need to decide is what constitutes the ultimate - zero energy - ground state of the Cosmos. I'll put that another way. What is the diametric opposite of existence? The answer is, of course, non-existence. Now most people would perceive a state of non-existence be a void: a big, black empty space. This is wrong. Absolute nothingness means that not even space exists.

There is also the argument that – because it possesses no properties - absolute nothingness cannot, in any way, affect matters within space-time and so should not be brought into the equation. This is also wrong (please bear with me here).

An understanding of how: what I am going to term, non-space interacts with space-time is crucial for it will allow us to put together a model of reality that coherently explains all phenomena and brings together all forces to unite them under one overarching principle.

What I am going to do now is ask the reader to consider a rather novel concept. Does non-properties equate, necessarily, with no properties? Non-space is a 'place' that is, to our minds, virtually impossible to visualize. Nonetheless we can, with confidence, safely assume that it is totally lacking any form of dimensionality – that it is spatially and temporally

non-dimensional. The fact that non-space possesses these non-properties means that it is infinite in extent (size and distance now become meaningless) and duration (time cannot now pass – nor is it restricted to moving in only one direction).

So how does the world we know interact with this other reality? To establish this we must first of all take a familiar truism and stand it on its head. We all know that nature abhors a vacuum – in non-space terminology this becomes: nature abhors a *volume*. What - to us - is solid, possesses presence and mass, in non-space becomes a void, a vacuity that cannot be tolerated. These raised energy regions need to be filled up, dissipated or displaced by non-space if it is to reinstate its former symmetry.

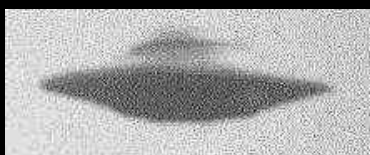
I will expand on this concept further by taking us back to the beginning – to the first ever event. The Universe began with the spontaneous appearance of a single particle. Now for anything to exist there must first be provided a space within which it can reside. This tells us what that first particle was: it was a particle of space-time - or sparticle.. Its appearance was generated by the merest of vibrations, a ripple or murmur – a shadowy, symmetry breaking event which caused non-space to become rucked up and folded in on itself. Non-space had, in effect, become quantified.

Faster than instantaneous. This phrase describes the speed with which non-space reacted to the sparticle's presence. Remember in non-space time's arrow has no meaning. So much so that the appearance of the sparticle and the reaction to it become indistinguishable, they both become *the same event*.

Before we take a closer look at the new arrival please note that much of what I am going to say about the structure and behavior of sparticles also holds true for material particles and photons: as all three entities conform to a single cosmic paradigm.

What we must first decide with regard to quantum entities (sparticles, particles, photons) is are they, indeed, particles or are they waves? Now to prevent us from getting bogged down in the now-you-see-me-now-you-don't world of duality and the uncertainty principle I'm simply going to describe the physical reality of (in this case) a sparticle and then explain why it is the way it is. Sparticles are closed waveforms. If you had a microscope powerful enough to examine one closely what you would see is a tiny doughnut shaped object. *This, however, is not the totality of the sparticle*. The doughnut shape that you are looking at only represents, what I have called, the *focal locality* of the sparticle: this is where the greater part of the sparticle's mass is concentrated – *or focused* - at that particular moment in time. *The totality of the sparticle actually extends outward to infinity*. Remember size is immaterial – our sparticle is, also, actually composed of non-space - and non-space itself equates with the infinite void.

Before we can understand the forces that both create and dictate the behavior of sparticles and other quantum entities we first need to know where these forces originate from.



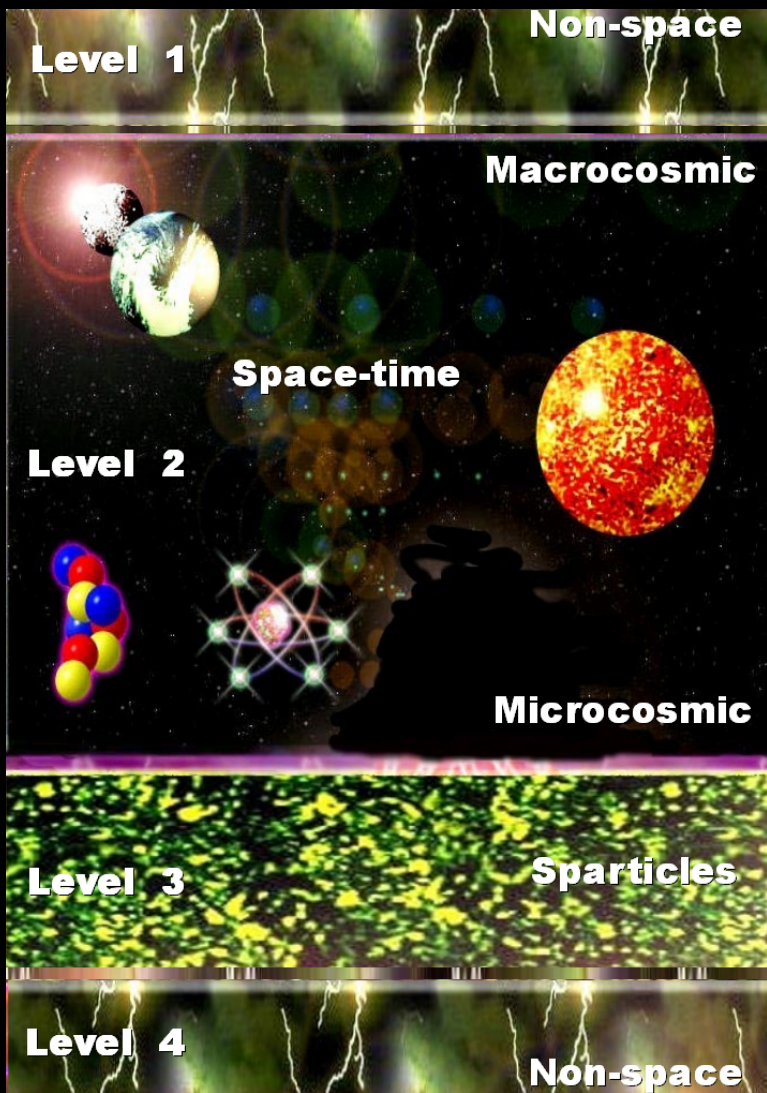


Figure 1

Look at figure 1. It is essentially a scale diagram with items toward the top representing objects in the macro-cosmic Universe whilst items toward the bottom represent their micro-cosmic counterparts.

You will see that levels 1 and 4 are both labeled non-space. Level 1 represents the 'space' that the Universe is, right now, expanding into. Level 4 represents the 'space within' - the 'space' below the quantum threshold. They both are, of course, the same place but it will be easier for us if we treat them as separate regions with space-time (level 2) sandwiched in between.

Now I want you to look at level 3 – the sparticle level. Sparticles provide the fabric from which space is made. As such they are also present at level 2 but here, where space-time appears smooth and continuous, they are too small to be made

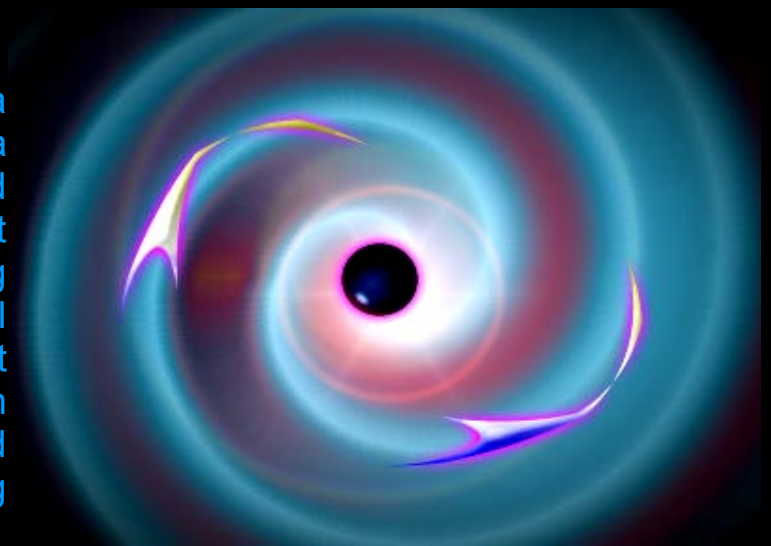
out as individual entities. So we'll stick with level 3.

We already know that the primordial sparticle constituted something that was made, spontaneously, out of nothing – the question now is what happened thereafter? How did that single sparticle become the Cosmos?

I think we're going to need another diagram here.

Figure 2

Figure 2 is a two dimensional depiction of a three dimensional reality. It consists of a double spiral (3D images of which are beyond my drawing abilities) with two arrows that indicate directional flow. What you are looking at here is a representation of what I call *oppositional forces*. These are the forces that both act upon, and constitute, quantum entities. This is how it works. The inward flowing spiral represents the downscaling



force. It begins its journey at level 1 of figure 1 and comes spiraling inward to a point that is only the merest fraction above the quantum threshold. Here – at the boundary of levels 3 and 4 - it collides head on with the contra-rotating up-scaling force spiraling upward and outward: via a zero point, from level 4. It is at this juncture: where oppositional forces collide, that non-space backs up and becomes folded in against itself (non-space cannot displace itself with itself) that the locality is created.

Now imagine removing one of these forces to leave the other acting in isolation. Remove the up-scaling force and the down-scaling force would crush the locality out of existence. Remove the down-scaling force and the up-scaling force would dissipate the locality until it evaporated altogether. Remember the Zeroth law? Here it is in action at the most fundamental of levels.

So is it the case that the sparticle forms as a result of the action of oppositional forces or that the opposing matrices form as a reaction to the presence of the sparticle? Both statements are true. Again I will remind you that: in non-space time cannot pass – nor is it linear. In non-space it's perfectly allowable for a reaction to occur *before* the action that provoked it – *and for cause and effect to become concurrent events.*

(A short digression. One of the aspects of quantum theory that a great many struggle to grasp is uncertainty. The uncertainty principle basically says that a quantum entity exists in all possible quantum states until it is actually observed – then all possible states [*which are real states*] collapse to become one [*the observed*] state.

With the non-space theory this becomes much more logical. In space-time terms a quantum entity will occupy many different quantum states at different points throughout its lifetime. In non-space terms there can be no linear succession of different quantum states – ***the entity must occupy all possible states at the same time.***)

Now we can return to our singular sparticle and examine its spherical, spiral structure. We already know that non-space cannot displace itself so how do oppositional forces accommodate each other as they traverse the Cosmos traveling in opposite directions? Simple – they turn aside and slide over and under one another – they adopt angular momentum which causes the sparticle to rotate.

Oppositional forces also have another – incalculable - effect on sparticles: they force them to proliferate. Sparticles, it must be remembered, are discrete space-time quanta. As such the amount of mass that they possess approaches as near to nil as it is possible to get and still exist. This makes them prone to distortion and disruption – they split very easily. Contra-rotating oppositional forces attack the locality of a sparticle from within and without causing a shearing effect that tears them apart. This process does not, however, produce two entities with only half the mass of the original sparticle. It produces two entities with the same mass. This is made possible by two absolutes: a sparticle's mass cannot be reduced – to have less mass would equate with non-existence; sparticles are also composed of an infinite resource: non-space. So they proliferate exponentially and our original sparticle became two, then four, then eight, then... Who needs dark energy?

OK. We now have a volume of empty space with which to work. The next required step will be to populate that space with entities and systems. How do we go about this? Do we now

need some new method that will enable us to furnish our blank canvass with star systems and galaxies? Of course not. We stick with the same modus operandi: the process powered by oppositional forces is all that we need.

To get where we need to go we must first of all understand the mechanism by which objects in space can exist in that space. It's not just a case of chucking them in there and hoping for the best. There has to be a mechanism. This is it. Objects in space can exist in space because – ultimately – *they are made of space*. Sparticles are the ultimate, indivisible (when you split one you don't get something else) sub-components of all things. They are the lowest common denominator. They are the glue which holds it all together.



So how do we make a particle out of sparticles? Another diagram would serve us well here.

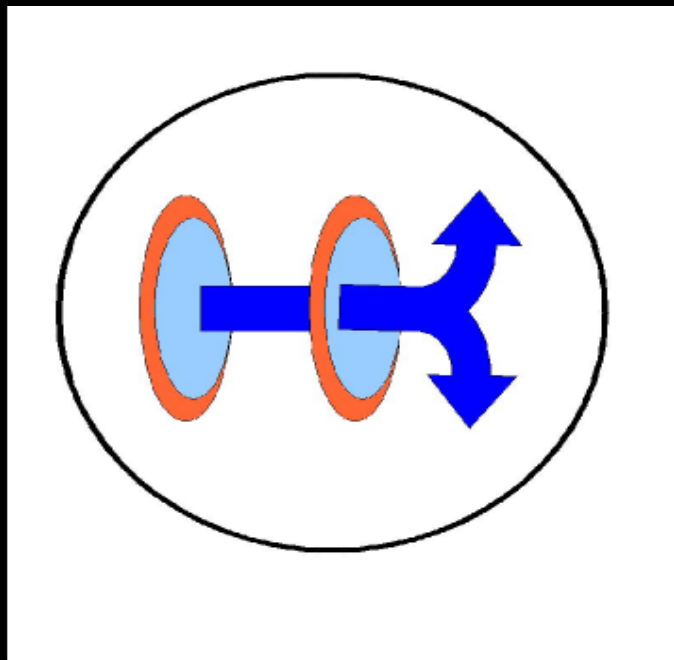
Figure 3

Figure 3 represents a quantum entity. To serve our purpose here we'll call that entity a sparticle. Look closely at the red arrows – they represent the down-scaling force entering the central locality of our sparticle at points A,B,C and D. The yellow arrows represent the up-scaling force emanating from the locality at points E,F,G and H. Now

look at points A, B, G and H. Here the arrows indicate that the application of the down-scaling force agrees – directionally – with the application of the up-scaling force. These combined, uni-directional, forces would now have a tendency to twist the locality inside out were it not for the counterbalancing forces applied at points C, D, E and F. This arrangement: the balancing act, only works, however, when the entity is isolated. In the real world this is never the case. So this twisting motion or inversional (new word) rotation equips our sparticle with the ability to reach out and affect its environment.

Figure 4

Figure 4 depicts one way in which an entity can influence another. What we are looking at here is two sparticles that have come together at close range. Their approach was close enough for a down-scaling matrix to form centered on the aggregate mass of the pair. The double headed arrow represents the up-scaling force from the sparticle on the left in phase with the down-scaling force of that on the right. The outcome of this will be the merging of the two entities - with the one on the left unraveling (inversionally rotating) itself into



the entity on the right - to create a new particle (possibly a quark).

Before we leave our coalescing sparticles I would like the reader to note, well, the action of our entity on the left. It destroyed itself in full compliance with – and to the letter of – the Zeroth law.

Here we have witnessed the forces of dissipation and displacement create something out of that which they sought to destroy. This illustrates, perfectly, the bizarre nature of being. The innate tendency of the Cosmos to return to its original ground state is actually perpetuating its presence within non-space. World without end.

Let us now look at how at how oppositional forces dictate the behavior of the particles that they create.

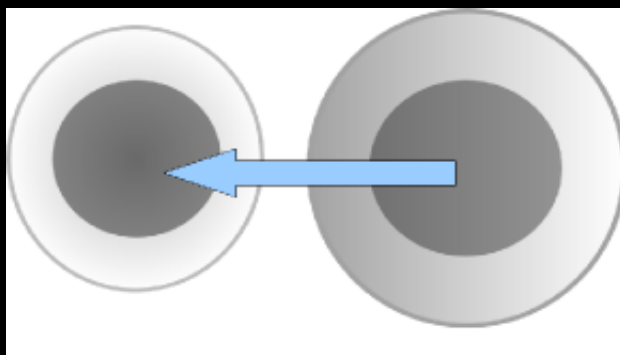


Figure 5

Figure 5 represents another kind of interaction between particles. In this instance we'll use electrons as our example. Electrons repel each other at close range, however, they are still – usually – found in pairs. We'll examine this relationship. Take note that the electron on the right is depicted larger than the one on the left. This is to signify that it occupies a higher energy state. More energy equates with more oppositional force so the right hand particle seeks to remedy the situation by off loading mass into its left hand counterpart. This, of course, leaves a situation where the left hand particle now carries the excess. So the process begins again only this time in reverse. This is repeated over and over again with the excess baggage constantly oscillating between the two. It is this need to off load mass/energy – even if only for a fleeting instant – that forms the basis of all relationships between particles: the relationships that enable quantum entities to cooperate in the construction of the basic quantum system - the atom.

At the atomic level we see structure emerging for the first time. Once again it is oppositional forces that are responsible. The down-scaling force is now pushing individual particles together to form the basis of the quantum system. The up-scaling force contributes by maintaining the spatial relationships between – and therefore the discrete individuality of, all the entities that comprise the system. Energy level stability is maintained throughout by the process described in the preceding paragraph.

When oppositional forces act together in this manner I refer to it, collectively, as aggregating behavior.

Aggregating behavior can be likened to shoveling snow – you clear it away from some areas whilst piling it up in others. Oppositional forces do much the same, the up-scaling force clears mass away and creates space whilst the down-scaling force piles it up to form concentrations.

The construction of molecules from atoms follows the same pattern only now oppositional forces have convenient, pre-packed, discrete amounts of mass: in the form of electrons, with which to cement molecular structures together.

And so it goes up the scale. From the tiniest things: like the cells that make up our bodies – to the immensity of galactic super-clusters. Oppositional forces are, then, universal. They replace all of the forces associated with the old model of reality: including gravity.

Near the beginning of this article I promised you something that the old model could not – I promised you a model of reality that would enable us to emulate ET and travel across the vastness of interstellar space. I will now hold good to that promise.

The normal way to get from point A to point B is to traverse the distance in between. You can do this on foot, in a car or aboard a train. Over longer distances you might want to fly. When it comes to interstellar distances, however, things aren't so simple. To get from here (point A) to our nearest stellar neighbor: Alpha Centauri (point B), we would need to travel at a speed of 186,000 miles per second for four and a half years. Hardly practicable – even if we could travel at the speed of light – which we cannot.

How, then, do we get around this impasse? Simple – we take a short cut through non-space.

You will remember that non-space is spatially and temporally dimensionless. Therefore if we can access this 'space' we can use it to jump from any point within space-time to any other point in space-time regardless of the distances involved.

This how we go about it.

To gain access to non-space we will need to exploit an aspect of particulate behavior that we haven't yet covered. So far we have looked at the way in which particles exchange mass/energy with one another. Now we need to examine the behavior of isolated particles that do not have, within their immediate vicinity, a target particle with which to conduct the exchange.





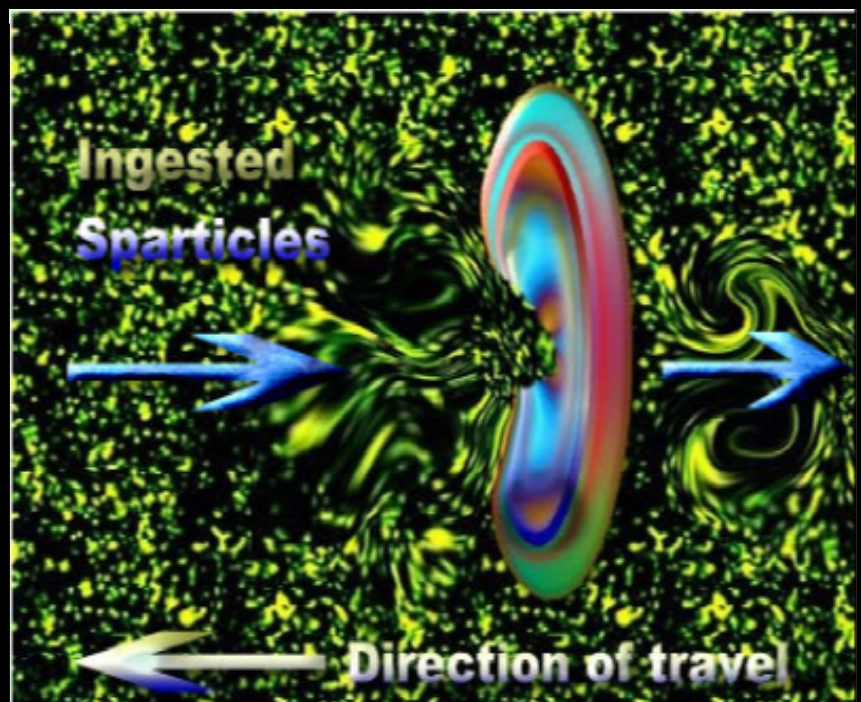
Figure 6

Isolated particles are still driven: by oppositional forces, to shed energy. However the only medium available to them that they can transfer energy to is empty space. How, then, does a particle – in this situation - expend energy? It takes the line of least resistance. Its inversional rotation becomes polarized (see figure 6) – with the down-scaling force entering the particle on one side and the up-scaling force exiting on the other – so it begins to move. Oppositional forces are now propelling the particle through space-

time. An understanding of this process, at the most fundamental of levels, is essential to achieving our goal.

Figure 7

Figure 7 also depicts a polarized quantum particle. It is not here, however, depicted at the space-time level (level 2 figure 1) – it is depicted at the sparticle level (level 3 figure 1). This is an illustration of the mechanism employed to propel an entity (photons behave in exactly the same way) through space-time: I call the process ingestion. The down-scaling force (vortex) acts to draw in sparticles on one side of the particle whilst the up-scaling force (vortex) expels them on the other. Polarized particles simply propel themselves through space in the same way as a turbofan engine propels an aircraft through the air.



How, then, can we exploit this process to access non-space and send a man to the stars?

First – to establish exactly what it is that we are trying to achieve - I'm going to ask a question. When an aircraft flies through the atmosphere it deflects the oncoming airstream around itself. Now when a spacecraft travels through space-time is the oncoming space deflected around the craft?

It must be remembered that space is made of sparticles which possess virtually no mass. Furthermore sparticles have less mass than neutrinos: billions of which are zipping straight through the Earth, right now, with barely a pause. Add to this the fact that the craft can only exist within space-time because it is, ultimately, made of space/sparticles and we have our

answer. When traveling through space – space, going in the opposite direction - flows straight through the spacecraft. This is what we must prevent from happening.

Let me introduce you to space ripping technology.

Figure 8

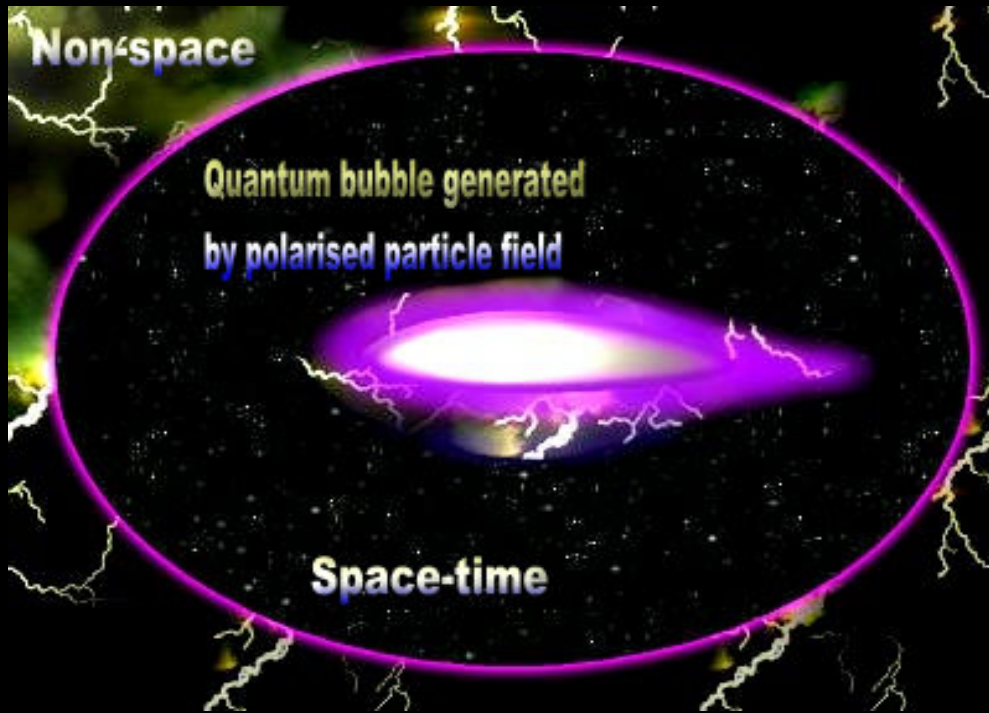


Figure 8 depicts a spacecraft equipped with the technology that enables it to rip space apart and so directly access non-space.

This is how it works. The spacecraft has the ability to generate a field of quantum particles (a plasma field) around itself. The field is held in electromagnetic stasis relative to the craft which means that, should the field begin to move, the craft moves along with it. Those operating the craft turn a dial and energy is pumped into the field which accelerates the inversional rotation of all the individual particles within it. A switch is then thrown and all the particles become polarized along a single axis. Space-time is now being processed through the field – not the spacecraft. The craft disappears from space-time altogether. It no longer exists within space-time – it now resides in non-space. Bingo.

A craft equipped with space ripping technology would possess many of the capabilities and characteristics that have been attributed to UFOs by witnesses. Here's just a few.

It could disappear or (dependent on the intensity of the plasma field) become semi-transparent (as witnessed during the Phoenix incident).

Light passing through the field would be distorted – the heat shimmer effect (also reported at Phoenix).

It could accelerate and manoeuvre in way that would kill the occupants of a normal craft

(being isolated from space-time means that it is also isolated from the laws of physics: especially the inertial laws, that apply).

Interaction between the plasma field and our atmosphere might well produce sparks, smoke or 'dripping molten metal' (as reported at the Rendelsham Forest incident) effects.

Now that I have outlined how it will be possible, one day, for us to get 'out there': across the Cosmos - we are left with the question – have I, in any way, described how ET manages to come here?

Over to you.



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