

Where is the Mind?

by Les Howard

Imagine in your mind a force rose out of nothing -not 'nothing in space' or nothing in infinity; total nothing. See that force as **existence** [or expansion into 'something'] It was countered from within itself by the force of non-existence [or compression into nothing] Combined, nothing existed -as the cosmos began and will likely end. That force expanded in the great cosmic expansion before time began. 'Points' of force of compression from within resulted in the first 'particles'. This continued until the force shattered into a to-and-fro of energy -wavelengths of energy 'existence or non-existence' [expansion /compression] - i.e. the 'big bang' of energy. Energy is not force; it is force in flow.

These points of compression became the core of our recognized atoms: Schwarzschild's proton-as-mini-black-hole, and matter. The force of expansion pushes this atom energy together -out of the expanding field -which we recognize as the 'attraction' of gravity. There is no gravity in 'space' without atoms. The force of compression crushes atom energy to non-existence in black holes – which in turn control the expanding field. That energy -forced together, created the matter and stars of our universe. Light and time began -the flow of those waves is what we recognize as time. **Those waves in flow create an energy field -not 'space'. It is not a huge, static, empty sphere of volume, containing matter as science believes, yet we do perceive that energy field as our cosmos of 'space'. It's an illusion!** Our cosmos is a continuing field of quantum energy bursts flowing at light speed. Spheres of energy float in the energy field -not 'stars and matter' in 'empty space'. Mass -the force of 'compression' maintains the momentum of the universe. The wave exists/does not exist as does our illusory cosmos. You are part of that energy and flow with it, not through it. Each wavelength is two coupled dimensions and each burst is an energy holograph of three dimension 'information' -the term scientists are now using to understand reality. Flowing wavelengths are a hologram allowing us movement -like a fictional holodeck -creating the illusory cosmos our mind sees as 'space'. Visible light waves are the energy of our existence reaching our eyes in perceptible frequencies. We recognize passing waves as time.

So where is the mind?

We picture the brain as a grey blob of matter in 'space'. Replace that image with a 'skeleton' of energy inside the energy structure of a body in that cosmic energy field. As energy, it exists in bursts of energy, flowing with the energy cosmos. It flows in time! It has three dimensions like the cosmos -its part of the energy hologram. This is probably the most difficult part of this concept for one to grasp. A hologram is a flat picture on a page that one can see around in three dimensions. Those pictures in flow -like a movie -create a hologram –and our 3D cosmos. If you walk in front of a projection of scattered light on a screen you block out a shadow of that image. If you block out half a hologram projection, you still see the **entire** 3D image, but at half its light intensity. Each quantum facet of projected energy contains the **entire** image. Science terms this 'non-local'. It's the effect produced by two coupled synchronous waves of light energy interfering with each other. A single dimension wave split into two coupled wave dimensions results in 3D 'information'. Completely eliminating one dimension collapses the field. You don't have to comprehend the physics of how this occurs, just recognize light is E.M. energy, as is big bang energy that creates our illusory cosmos, albeit at an immense scale. We exist as an energy hologram -a 'holodeck' of '3D information' from single bursts of energy. The 3D brain 'blob' you see is projected coupled energy. It helps if you've seen a holographic image to 'get it'.

This hologram energy brain exists as our familiar blob of 'matter'. Neuroscientists measure blood flow and magnetic waves given off by sections of it in 'space', and note individual sections 'light up' on their machines -'like a hologram' -and speculate if they're seeing the mind itself. They attempt to correlate those static sections with the mind. One obvious facet of the mind is memory -is it located in one section? This question has been answered! A scientist removed portions of a dog's brain piece by piece searching for the one location of a memory that the dog had, and could be tested for. They removed most of the poor animal's brain to find it; reaching the bewildered conclusion that memory exists throughout the brain -'like a hologram'. Only when the last section of the 'projected image' from underlying 'non-local' energy was gone did the memory -and mind -disappear. The mind is a flowing hologram of energy within a flowing hologram energy brain. Science constantly witnesses this but doesn't recognize it. This perspective can explain much of how our mind functions that neuroscience doesn't understand, in the same way it unveils 'spooky action' that mystifies quantum physicists. Scientists question how the growing baby human brain can develop billions of neurons interconnected in the necessary three dimensional locations -unaware of the holographic structural nature of reality in the development of that brain.

There have been tremendous advances in diagnostics and neuroimaging techniques -measuring the blood flow and electrical activity of cell groups in the brain. [EEG, MEG, fMRI, NIRS, PET etc.]

Researchers use magnetic fields and radio waves to produce two and three dimension images of brain structure. Areas of the brain 'light up' in hologram form and can be observed as if you are looking at the 'mind' in operation. Recently, in Holland, researchers had volunteers simply look at images of faces while fMRI scanned the activity of neurons in areas of the brain responsible for vision. This information was fed into an A.I. computer algorithm pre-programmed to show which picture pixels light up which neurons in the brain. Nature Journal states the system could almost completely reconstruct the original images from the brain. It indicates the potential for effective mind reading, to communicate with a patient in a coma, or as camera implants to restore sight -or as Elon Musk's 'neural link'.

I conceive this in the way one understands something complicated like a machine. Quantum is an over-used word. It is not a magical reason for what we don't understand. Each wavelength of the energy we exist in is both quantum and holographic, meaning it is 'non-local' and causes those effects in illusory 'space'. This is mathematically proven by physicists Lee Smolin and Carlo Rovelli. "*Energy is space and its quantum*". Lee Smolin suggests if time is real -it is -'space' has to be illusion, -it is -they're yet to comprehend the 'how': Our perception of 'space' is wrong! You see your body as a volume of flesh and blood; sub-atomically it consists of atoms which are energy and can only exist in energy. [Maxwell] Our body energy of mass equals one grain of rice -containing the energy of a nuclear explosion. Instead of complicated math giving multiple illusory spatial dimensions see the 'computing power' of 'zero and one' -energy existence /non-existence -repeated to the limits of our illusory cosmos. We're 'digital'. Each smallest facet of the energy field contains the whole -we are that energy. It is 'us' and we are it - this is not my 'theory' -it's mathematically or experimentally proven fact! The continuance of that wave allows us to move and creates the illusion of 'space' and is what we recognize as time. Changing perspective from 'space' to energy makes this conceivable and the quantum realm understandable.

Which came first -matter or consciousness? Physicists usually accept all began with the 'big bang' although at the moment there appears to be an issue with that -from recent scientific evidence. What is a force? You can be moved by the energy of photons on the energy that is your mass in an energy field [being hit by a bus] and perceive that as a physical force. But you can also be mentally forced to move [seeing the bus and avoiding it]. Some claim there is no difference; nor free will; a robot can be taught likewise -we are seen as automatons in a programmed world. But a robot has to 'experience' and 'remember' [record], giving it 'machine knowledge' [information] to be forced to move -attributes of the mind. Non-physical mental information can initiate physical force. But that infers 'cosmic consciousness' or 'mind' can similarly initiate an original 'big bang'.

It appears the 'bang' may not be the beginning as thought; and as I have conjectured. Science is yet to consider or understand space or time, so I don't find its quandary surprising. Every time I hear 'the space time continuum' I'm reminded of an old Jim Croce song: *"I told him 'bout the fact that I was a genius, but he said we got all that we can use"*. The geni are doing great work in revealing the quantum realm - the underlying wave of energy -but still mistakenly think they examine 'space'. They are presently trying to measure 'dark stuff' to understand how illusory 'space' expands. They won't find it -as they never found 'gravitons'. I'm energy in energy; I see 'space' and matter for the illusion they are. You can too. If you imagine a universe of 'space-time', it's where you will reside -in mistaken imagination. Is some-ONE tricking you with a 'simulation'? You trick yourself.

Physicists practice the religion of quantum math. They share the Western religious perspective: There is a fundamental universe of 'space' and 'matter' created by a god or circumstance, and we and god exist outside its bounds. They don't recognize reality: We and that cosmos are energy. You can't separate yourself from that which you are part of -i.e. yourself! **The 'space' illusion and time don't exist outside it -nor do we** -it's the reason science finds quantum effects so magical. Max Planck presented this fact over a century ago but science is yet to notice or comprehend. Multi-verses or alternate dimensions - more 'space' -don't exist. There's no 'space' in space time. Quantum mechanics defines the laws of the field of energy but mistakes that for the illusion, unable to re-create the illusion's creator -our mind. I have no issue with math; it circumvents the mistakes inherent in language -I once enjoyed and excelled at it. But contemplating a **dynamic** expanding universe verses math's **static** 'spatial' axes caused a change in perception -I suddenly recognized the 'box of space' illusion. 'Space' **is** dynamic energy -as math has just discovered. I was shocked -I couldn't be right and Einstein wrong. His math was beyond anything I ever approached. But Hubbell had proven the illusory cosmos expands, and Einstein had introduced a fudge factor to account for it -later discarded. It took a few years of logical thought to comprehend how energy **is** space and publish this, but you can understand it. Begin by thinking in energy -not illusory 'space'. Energy presents as a holographic wave which our brain and mind interpret as our illusory cosmos. In an interview, professor Richard Dawkins stated there is something almost 'mystical' about the brain. Its processes are very slow compared to our latest computers yet it accomplishes so much for its size. *"Something must be going on that we don't understand"*....He questions if we could exist in a 'cloud' -a simulation. He takes a materialistic view of the origin of the universe and as a biologist and expert on Darwin theory he denies the supernatural; but I'm not arguing 'god' -its space time I don't believe in. A common ground is: we exist -or we don't! The universe presently does have a 'physical existence' even if that is the illusion of energy. This concept allows a view of the illusory physical /material cosmos of 'existence' as separate to the non-material 'mind'.

I then introduce a Newtonian force of 'existence' to explain the science of our physical reality, and avoid previous scientific or religious reasoning -why I write the way I do. Mind exists without 'space', time or supernatural necessities and can become 'existence' at its choosing. I'm not aware my imagination is limited in time or space; are you? Could MIND have 'chosen' to shatter into a few quadrillion facets to experience everything 'physical' solely for its own amusement? I couldn't know, but why would an all-perfect 'god' choose to create this unholy mess? MIND creates physical existence as a force, producing energy, time, and then illusory matter. Materialists have it backwards!

The functioning of the brain/mind interface appears slow if one sees the brain as a material blob of matter, but if one recognizes it as a quantum wave of energy recreated at the velocity of light giving it free will and mind, one may have a greater appreciation of it, and its quantum mysteries. I'm not over-awed by computers or A.I. -they're just another Acheulian hand axe. Seems we all have our own quantum computer. I keep mine in my head.

Western philosophers are also bound by the physics of imagination. They 'collapse the wave function' - and wrongly intimate a 'quantum' connection between particles and the mind -meaning inter-acting with other energy in the same wavelength you are in. Entanglement is easily explained and has nothing to do with consciousness. If you want an omelette you need to break an egg; you won't find two philosophers who agree an egg even exists. As its all illusion, who or what is experiencing that illusion? I'm trying to break the 'space time' egg to give philosophers freedom to create a better explanation.

What ancient wisdom did the Buddha understand that modern science and philosophy don't?

From the shadows of time, before the modern Western era even began in Mesopotamia or Egypt, the philosophy of Zen arose in Asia. It stated 'It Is' [Alan Watts]. Any attempt at verbalizing this or explaining it only removes one further from comprehension. It's the point a baby enters the world. Zen by its very nature can't be religion. But 2600 years ago, a man in India grasped the meaning to become the 'enlightened' Buddha and initiated Chinese Zen Buddhism, and brought its religious trappings.

Watts was known as the foremost exponent of Zen to the western mind and is our best source of understanding. An Anglican minister, he retired to be a 'guru' in 1970-s California which is where I first heard him speak, and subsequently bought all his books. A baby begins life exposed to reality - 'something' is hitting him in the face. He first learns he can control it and his 'maternal care-taker' -who then gives him a sound -'hand' to replace that 'something'. On learning that sound he responds to it by presenting a hand; the sound has replaced the reality in his mind. Animals can reach this level. When taught to read, his mind supersedes that sound with the symbol: H-A-N-D. At each stage of mental development the mind grows further from reality. Like driving a car -initially difficult to do, we soon almost forget the car -it barely exists. Student groups wander Zombie-like in a park searching for 'something' that only exists on their 'device' -in a 'Meta-verse' within an illusory 'space universe'.

Enlightened masters attempt to re-connect the student to reality by the use of 'koans'. As Watts states in '*the Gateless Gate*' [U-tube] you 'get it' or you don't. Like a joke that can't be explained, it requires an immediate shift in the mind's perspective to 'get it'. In one Zen story, he relates a student complaining of an 'unsettled mind' who asks the master to resolve it. The master agrees to do so and tells the student to present his mind. The confused student admits he can't -his mind just 'is' -the master smiles.

In another story the Buddha asks his followers to explain a pitcher of water without using words. What would be your answer? The head monk tries in words and fails. The cook kicks over the pitcher freeing the water, cutting through the words -he grasps reality directly -and is clearly enlightened.

Watts: "we exist in a world in which we go to the finest restaurant, but eat the menu".

He saw Zen philosophically whereas Buddhism sees it in a religious sense. I see it as science, and have used metaphors rather than koans, but now I'm 'direct pointing'. This is what Max Planck grasped in his view of physics, although he didn't escape the 'space' illusion. *You can't separate yourself from you!* You are energy in a field of energy -it's all 'one' -your mind 'is'. If you change your perspective from 'space' to energy you 'get it'. You reach 'satori' and experience that burst of comprehension.

Ancients, closer to reality, thought: Everything is illusion -a 'dream' that exists only in this constant instant of 'now'. It doesn't exist in the past -those waves are gone. A reverberating pattern continues only in memory. The future -waves of energy -are yet to arrive, and may never do so. They may not have understood energy, but saw 'spirit' permeating the world they knew, including one's own mind. American indigenous people saw themselves grown by/from the Earth -not separate -as did Europeans. They had no need for our separate god. We saw primitives -trading land for trinkets. They saw all as 'one', unaware our view of possession meant displacing them off their land. Our modern society possesses all, including others, but can't find its own mind -why did the master smile?

Watts saw reality not in the sense of energy but rather as the pattern in it. He saw reality as the ongoing dance of existence /non-existence in which we all dance our part. That individual dance is what we momentarily are, within the whole of reality, not separate individual egos. The ancients conceived 'spirit'. I have explained it as 'energy' -which I perceive as 'existence/ non-existence' in illusory 'space'. That energy contains the 'field of information' -the vibration of our existence.

Foremost scientists -like Steven Hawking -question if our reality is a simulation. Others have proposed we could be in a computer program. If they are correct, how would you know? What I hope to contribute is that first break in the 'persistent illusion' that Einstein recognized. We are not in 'space'. I explain how 'space' is created by a field of energy. That energy creates a hologram -the 'scientific explanation' for 'space'. Yet there is still a deeper level to reality -the 'computer program' for the hologram; i.e. -the 'field of information'. This is the latest thinking of some of the brightest minds to-day -if you are still in 'solid space' you lag well behind in understanding. Have you followed this in your mind? That field of information is the realm of the mind.

How do I now conceive 'It Is'? It is all -everything. It reflects 'I am' and 'we are'; it is our entire universe and all contained -yet it is still more. It is the limitless imagination in our mind -beyond a 'physical' limit. It exists as you yourself exist, as you are aware within your own mind; 'I am'. It is the aware universal mind that we all are, and are part of: It is existence. It doesn't end -even though the 'physical' illusion will. The minutest particle of it you are aware of is your own mind.

The new atheists believe everything began with the 'bang', and man's consciousness is attributed to natural selection that occurred afterward. His mind is limited to the progression of matter, or for some scientists the limit is the progression of language skills. For A.I. a god-like intellect is expected to result from the accumulation of algo-s. Yet they believe the universe of matter man exists in, sprang from nothing in perfection without prior information? Even a robot can't do that -and religionists demand an

Initial Programmer. Atheist argument is a nihilist attack on religious belief, not an attempt to determine how consciousness, awareness, and knowledge arise. Dawkins replaces the 'big G' with the 'big B'. It's logical to me as an arm-chair philosopher that man acquires consciousness -some are notably limited, yet the fact is, it is 'there' to be acquired. Is it only the result of random brain machinations? The 'bang' was an impossible throw of the dice; producing an ordered cosmos of energy verses the unlimited possibility of chaos. There are no infinite alternate 'dimensions' of which we exist in the only viable one. To accept that a cosmos out of nothing now continues to create its own order from nothing, including awareness, is too much for me -it's just another version of religion -it's still magic. Linda Goodman wrote in her book *Sun Signs* "*when we march through the pearly gates, you won't find the Aquarian [I am one] he'll be out behind the gates determining how they work*".

Where does consciousness come from? How does non-sentient matter become sentient as our mind? If you comprehend what I've presented, you will understand the physical world of matter -a 'solid' and 'fundamental' cosmos of 'space' -**is an illusion!** You see and feel waves of the energy field you are and exist in reaching you, interpreted by your brain. Even then you can be anesthetized from any physical feeling. No feeling exists unless your mind feels it -philosophy may argue that, as simple organisms can respond to stimuli. Can plants feel? A flower opens to the warmth of the sun, and then turns its petals to follow the sun throughout the day. It does so by the energy that constitutes its atoms responding to photons of sunlight. Photons are quantum, meaning they represent the minimum bundle of energy that can exist singularly -because they represent one single wavelength of energy. As energy can't exist in partial wavelengths, it's contained in discrete packets. Like computer code of existence /non-existence, zero /one, the photons of energy are transmitting 'information' in the manner you send a text message. The information is contained within the energy. A field of flowers can move 'in sync' to follow the sun: can you see that field as a field of information in a field of energy? Your brain has many more neurons than a field has flowers. It acts as a digital information processor in a field of information -our digital hologram cosmos. The universal mind exists as a universe of 'energy', as our mind exists in the hologram 'physical' brain. A quantum facet of that energy is a human brain 'down-loading' the smallest part of that universal mind. Our mind can develop from plant to Plato and beyond. Your mind contains thoughts and feelings which don't exist outside it. Your world exists in your mind, which is the pattern of energy in the energy you exist in. You are a part of this energy cosmos -not a separate entity in a big box of 'space' - why would the mind be separate? The universe holds the key to its' own existence -and hence exists necessarily, not as an accident. [Belief held by Roger Penrose and John A. Wheeler] The human mind plays a critical role in this self-causing mechanism. Although we are a negligible part of the cosmos, it is our, and cosmic consciousness that gives reality to it as a whole: the 'participatory universe'. Reality is a self-sustaining causal loop; the world creates us and we in turn create the world. It is/we are/ all one. Free will exists -the universe is re-created in every quantum instant -freeing up the philosophers. We aren't programmed -are we 'guided'?

Steven Hawking recognized, as matter collapsed into black holes, there could be some leftover 'information', which became an issue for science in 'space'. If it returned to physical 'space' it could be measured. Non-physical mind 'information' became a breakthrough in the physical realm. Hawking proved the mental 'nothing' of information was the equivalent of the physical 'something' of matter, and physicists began to talk like philosophers. Consciousness could precede this universe of matter.

Nobel Prize winner Ervin Laszlo predicated a cosmos of energy. He sees an Akashic field [You-tube] Laszlo's Akashic Field of energy can account for consciousness and knowledge -even imagination, which is more sub-conscious than conscious -even animals dream. It generally agrees with my idea and he sees Hawking's energy supplying the 'information' for the existence of consciousness, with which I can agree. Consciousness is fundamental to the force arising out of nothing, prior to big bang energy which creates the illusion of space and matter. Physicists can't mathematically conjure up existence.

I'm at one with the Tao.

Contemplating the cosmos you are an eye attempting to see itself -in a very real scientific sense. [Watts] You can't see behind other eyes -yet -but trusting what they tell you indicates they see likewise. Meanwhile you **can** see, as do all other eyes. The total of every 'quantum' facet of humanity does observe, think, feel, and is aware of itself, its surroundings and each other -as is the cosmos -meaning the 'field of information', [or 'god' if you prefer]. 'We are'. Mind is reality.

Does this make me a 'panpsychist/dualist'; consciousness pervades reality side-by-side with energy? Or 'materialist/emergentist'; consciousness is an emergent property that springs from the universe when it's sufficiently complex -as in information theory? Maybe I'm a simple agnostic; I don't believe in man-made gods. Yet the most unlimited facet of our reality, capable of extending well beyond the bounds of that reality, which creates those gods in our mind, is our imagination. Will a sentient ultimate A.I. imagine? Will it imagine itself as the ultimate god? Or in modesty imagine a Superior Program?

If you're interested in consciousness as I am, I can recommend *'The Evolution of Consciousness'* -Peter Russell, on U-tube. I mention these others as they do a better job of explaining this than I could; I have no reason to plagiarize their work. But I believe I can add to what they're saying. Peter notes science still questions what the universe is made of; *"there's no matter in matter" "Is it all just a pattern of information to which the brain corresponds?"* But to borrow his words, I **am** presenting a new paradigm. Space time is wrong. There is a 'pattern' to the wave of energy we exist in, unlike the static space time view, and as a hologram, we are all part of the whole field. The universe is a field of information, the dance of existence, not a sphere of empty 'space'. Peter: *"What is the biological basis of consciousness?" "Experience informs consciousness". "It's correlated with information patterns in the brain -equals consciousness". "The fact that we are conscious is the anomaly in the scientific paradigm". "Consciousness and awareness are intrinsic to the universe".*

i.e. The cosmic field has to be aware of 'it-self'. I'm presenting the 'scientific' reason, and the brain is the bridge. It's a holographic energy transducer in a holographic energy field. It translates -in a limited sense -what is happening throughout the universe. The brain is the energy of the physical; the mind is the realm of consciousness. Entropy exists -the wave of energy flows in one direction only; into the future. It effects more than just the illusory physical elements of our cosmos. Consciousness can be seen as the reason for the universe, and for mankind. Without energy we return to the beginning -i.e. nothing. Experience and information will have taken place -do knowledge and consciousness remain in the universal mind?

I have written in 'Bose Einstein Condensates' how cells in sections of the brain can co-ordinate as one, which agrees with how neuroscientists see the brain in operation. But it's not a case of atoms in 'empty space' somehow producing electrical energy from some internal realm. Those atoms are energy in an on-going flow of holographic energy. Remember 'holographic' means flowing electro-magnetic waves of energy; two coupled dimensions of energy from a single wave, generating a three dimensional image carrying 'information'. It's how the brain itself should be looked at, as well as the mind within it -and we can see it. 'B. E.' condensates produce that sense of mind, self, soul, consciousness, and awareness. This occurs to a lesser extent even in animals, in that they can think in a limited fashion, and in experiment indicate a level of self-awareness. Some humans aren't developed much beyond that -it's not a case of the number of neurons involved. No sober person would judge any of our present western leaders as being the equivalent of a Plato. That level of consciousness /mind is more capable of understanding the complexity of the field of information we exist in. Some minds appear to develop beyond the limited human ape state.

Were Laozi, Confucius, Hypatia, Rabi'a of Basra, Maitreyi, concerned with their pronouns? Aristotle thought people's beliefs and knowledge were based on their perception. But Democritus separated a world of matter and spirit into our modern world of solid atoms -perception changed -the cosmos became purely material, and continues to this day. But I'm curious if -before I'm done -I can deduce an alternate reason for what it appears a majority of the world presently senses. If people recognize the reality of 'energy' and all that infers, does the epoch of materialism end? The world is at an apocalypse - lifting the veil concealing the privileged materialistic minority. Mankind could cease to exist only for the few and function in the progression of all. As Maitreyi, [in chapter two of the Upanishads] questioned her philosophic partner; *"if I acquired the entire world and its wealth, would it make me immortal?"* and when he answered in the negative, *"then what is the point in striving for what won't make me immortal?"* It appears the lady wasn't prepared to just eat the menu! With that, the first foundation stone for investigating the relationship of mind to materialism was laid.

Final Note:

I've just seen the results from the James Webb telescope [U-tube]. A massive train wreck has hit science. Space time admittedly 'might' be wrong -including dark matter, gravity, and quantum theory. The 'bang' is suspect -time may have preceded it. 'Dimension' and 'normalizing' of quantum particles is questioned. Immense galaxies were discovered at the farthest reaches of science's 'box of space' -near what was believed to be the beginning of the illusion. It doesn't surprise me -I can imagine a reason to explain it, but many 'solid' theories have been destroyed. Is the universe // 'box of space' infinite? Did it even have a beginning? Even the philosophers are rattled. Tragedy!

The resulting baffle-gab is well beyond my pay grade as everyone scrambles to rescue personal theories, but I couldn't find it more amusing. If you have followed 'amateur hour' here, and have grasped it, perhaps you share my mirth. Can we even understand the universe? I think so -just begin with the understanding of 'space' and time. We are not in 'space' -We're energy in energy! It's all in the MIND.