

The Coming Golden Age by Dr Richard Presser



Life unfolds in circles and cycles and spirals. In my e-book "The Coming Golden Age and How to Prepare for it" www.thecominggoldenage.com, I discuss some major cycles that are currently unfolding on Planet Earth. Whilst most who discuss the role of cycles in Ascension focus on the 26,000 year Photon Belt cycle, the most important ones are the 200,000 year cycle of the energy of Supernova 1987A and the 1M+ year cycle of the Eye of Isis.

WD Gann showed us that major change occurs when major and minor cycles complete at the same time. Those who are aware of cycles may have known of the conflux on March 21 this year of the equinox (actually the 20th), the full moon and Good Friday. When I saw these coming together on top of the big cycles I was aware of, along with the energies that have been building up since the arrival of the Eye of Isis around the turn of the year, it portended a moment of great change to me. And so it has proven to be.



The month of March saw the return of the Goddess energy, the divine feminine, referred to by some as the Magdalena Energy, to our planet. It has been building up for a year or so, opening the door to a return to balance with the divine masculine. March 21 opened a portal, which led to the explosion of the energy of the Mother Goddess, the feminine aspect of the Ultimate Creator into the planet's conscious through the medium

Michele Denman. You may like to listen to this channelling from Michele of March 28:

http://www.thecominggoldenage.com/recordings/Michele_Denman_March_28_08.mp3

... which she has generously made available to the world.

An important aspect of spiritual understanding is that what we observe in our world is a holographic out-picturing of the inner. You will perhaps have heard many say that change begins on the inside. Indeed it does. In truth, the greatness of who we are, our God selves, exists on the inner planes, those aspects that we begin to understand as we begin to contemplate the true nature of ourselves. And that is the nature of this unfolding.

If you download and listen to this channelling, you will learn a great deal about the nature of what is unfolding and the extraordinary role this wonderful planet of ours and those of us who have chosen to embody here play in the cosmos as a whole.

In this channelling Michele shares with us the work she had been doing for the previous 24 hours bringing into this context and anchoring the energies of the Mother Goddess and the work done by this great Being in the higher dimensions. She also acted as the medium for a similar anchoring of those and related energies into those who participated in the call.

Until this channelling I had not understood the profound observation that the microcosm is a reflection of the macrocosm applied in the case of our planet in relation to the cosmos as a whole. I was aware of the role that the so-called dark forces have played in creating the illusion, the matrix in which mankind has existed on this planet since Atlantean time, however I was not aware of the degree to which this was a reflection of what has occurred across the cosmos. This cosmological battle makes Star Wars look like a walk in the park and explains why we are so strongly drawn to epics such as this. They connect with a deep, profound knowing inside of us.

Planet Earth is playing a key role in the resolution of this "battle". There is something special about embodiment that I don't yet fully understand.

However, I do know that when embodied, we have powers and capabilities not available if we are not embodied. I have understood the reason we all chose to come to this planet was to participate in an experiment in emotion, however I had not appreciated the power and the consequences of this "experiment".

In choosing to embody, to experience the emotions of being disconnected from the Ultimate Creator and subsequently to reclaim that connection as we are in the process of doing through our free will choice as a species, that choice is the fundamental turning point cosmologically for the return to the light for all beings, both of the light and the dark. This is a momentous moment.

I have also come to understand another aspect of embodiment and the wonder of this time. Enlightenment has been taught to be the mastery of the ego and the physical domain and its transcendence. However, the promise of Ascension is something quite different and truly beyond our comprehension and is shared with us by Mother Goddess in Michele's channelling.

As I said earlier, embodiment enables powers that are not available in the absence of embodiment. As we Ascend (elevate our consciousness), we will reclaim the entirety of Who We Are and that totality will be embodied, as I understand it, for the first time. This is the gift of the Creator to those of us who chose to come and participate in this pivotal cosmological process. It has been through what has unfolded on Planet Earth that the light has understood the ways of the dark. It has understood its own naivety in dealing with the dark and the extraordinarily complex ways the beings of the dark have exploited this naivety and lack of discernment. It is by observing the unfolding of this within embodied beings on this planet that these lessons have been learned.

And now it is over. Mother has brought, through the mediumistic services of Michele, the New Jerusalem that has been so long prophesied, to Earth. The New Jerusalem is a consciousness of peace. Mother referred us to Revelation 21 verses 1-5 as an accurate description of what is unfolding and explained that it refers to the return of Mother God.

The work has been done on the inner planes. Michele and others continue to work to anchor the new energies on the planet.

The month of April is a month of action, a month of the return of the divine masculine to the planet and as a result, perhaps the month in which we will see the beginning of the crumbling of the matrix in our 3D space/time consciousness in the awareness of the public.

As this unfolds, whether in April or later, there will be much work for teachers and healers to help the unaware come to terms with this monumental, wonderful change.

These are exciting times to be embodied on Planet Earth; however they are but the acorn of the extraordinary oak tree that awaits us. The promise of the great teacher Jeshua ben Joseph, "You shall do all that you have seen me do and more", is upon us.

In The Light Circle Ezine 01-12-08, (<http://groups.yahoo.com/group/TheLightCircleEzine/>), there is an outstanding article that contributes to this conversation above by Bernard Haisch. I have reproduced it here:

Is matter an illusion? Is the universe floating on a vast sea of light, whose invisible power provides the resistance that gives to matter its feeling of solidity? Astrophysicist Bernhard Haisch and his colleagues have followed the equations to some compelling "and challenging" conclusions.

God said, "Let there be light." . . . And there was light.

It is certainly a beautiful poetic statement. But does it contain any science? A few years ago I would have dismissed that possibility. As an astrophysicist, I knew all too well the blatant contradictions between the sequence of events in Genesis and the physics of the Universe. Even after substituting eons for days, the order of events was obviously wrong. It made no sense to have light come first, and then to claim that the Sun, the moon and the stars . . . the obvious sources of light in the night sky of the ancient world were created only subsequently, be it days or eons later. One could, of course, generalize light to mean simply energy, and thus claim a reference to the Big Bang, but that would, to me, be more of a stretch than a revelation.



My first inkling that the deceptively simple "Let there be light" might actually contain a profound cosmological truth came in early July 1992. I was trying to wrap things up in my office in Palo Alto so that I could spend the rest of the summer doing research on the X-ray emission of stars at the Max Planck Institute in Garching, Germany. I came in one morning just before my departure and found a rather peculiar message on my answering machine; it had been left at 3 a.m. by a usually sober-minded colleague, Alfonso Rueda, a professor at California State University in Long Beach. He was so excited by the results of a horrifically-long mathematical analysis he had been grinding through that he just had to tell me about it, knowing full well I was not there to share the thrill. What he had succeeded in doing was to derive the equation: $F=ma$. Details would follow in Germany.

Most people will take this in stride with a "so what?" or "what does that mean?" After all what are F , m and a , and what is so noteworthy about a scientist deriving a simple equation? Isn't this what scientists do for a living? But a physicist will have an incredulous reaction because you are not supposed to be able to derive the equation $F=ma$. That equation was postulated by Newton in his Principia, the foundation stone of physics, in 1687. A postulate is a law that you assume to be true, and from which other things follow: such as much of physics, for example, from that particular postulate. You cannot derive postulates. How do you prove that one plus one equals two? The answer is, you don't. You **assume** that abstract numbers work that way, and then derive other properties of addition from that basic assumption.

But indeed, as I discovered when I began to write up a research paper based on what Rueda soon sent to Garching, he had indeed derived Newton's fundamental "equation of motion." And the concept underlying this analysis was the existence of a background **sea of light** known as the **electromagnetic zero-point field of the quantum vacuum**.



To understand this zero-point field (for short), consider an old-fashioned grandfather clock with its pendulum swinging back and forth. If you don't wind the clock, friction will sooner or later bring the pendulum to a halt. Now imagine a pendulum that gets smaller and smaller, so small that it ultimately becomes atomic in size and subject to the laws of quantum physics. There is a rule in quantum physics called the Heisenberg uncertainty principle that states (with certainty, as it happens) that no quantum object, such as a microscopic pendulum, can ever be brought completely to rest. Any

microscopic object will always possess a residual random jiggle thanks to quantum fluctuations.

Radio, television and cellular phones all operate by transmitting or receiving electromagnetic waves. Visible light is the same thing; it is just a higher frequency form of electromagnetic waves. At even higher frequencies, beyond the visible spectrum, you find ultraviolet light, X-rays and gamma-rays. All are electromagnetic waves which are really just different frequencies of light.

It is standard in quantum theory to apply the Heisenberg uncertainty principle to electromagnetic waves, since electric and magnetic fields flowing through space oscillate like a pendulum.

At every possible frequency there will always be a tiny bit of electromagnetic jiggling going on. And if you add up all these ceaseless fluctuations, what you get is a **background sea of light whose total energy is enormous: the zero-point field.** The "zero-point" refers to the fact that even though this energy is huge, it is the lowest possible energy state. All other energy is over and above the zero-point state. Take any volume of space and take away everything else . . . in other words, create a vacuum . . . and what you are left with is the zero-point field. We can imagine a true vacuum, devoid of everything, but the real-world quantum vacuum is permeated by the zero-point field with its ceaseless electromagnetic waves.

The fact that the zero-point field is the lowest energy state makes it unobservable. **We see things by way of contrast.** The eye works by letting light fall on the otherwise dark retina. But if the eye were filled with light, there would be no darkness to afford a contrast. **The zero-point field is such a blinding light.** Since **it is everywhere**, inside and outside of us, permeating every atom in our bodies, we are effectively blind to it. It blinds us to its presence. The world of light that we do see is all the rest of the light that is over and above the zero-point field.

We cannot eliminate the zero-point field from our eyes, but it is possible to eliminate a little bit of it from the region between two metal plates. (Technically, this has to do with conditions the electromagnetic waves must satisfy on the plate boundaries.) A Dutch physicist, Hendrik Casimir, predicted in 1948 exactly how much of the zero-point field would end up being excluded in the gap between the plates, and how this would generate a force, since there is then an overpressure on the outside of the plates.

Casimir predicted the relation between the gap and the force very precisely. You can, however, only exclude a tiny fraction of the zero-point field from the gap between the plates in this way. Counterintuitively, the closer the plates come together, the more of the zero-point field gets excluded, but there is a limit to this process because plates are made up of atoms and you cannot make the gap between the plates smaller than the atoms that constitute the plates. This Casimir force has now been physically measured, and the results agree very well with his prediction.

The discovery that my colleague first made in 1992 also has to do with a force that the zero-point field generates, which takes us back to $F=ma$, Newton's famous equation of motion. Newton, and all physicists since, have assumed that all matter possesses an innate mass, the m in Newton's equation. The mass of an object is a measure of its inertia, its resistance to acceleration, the a . The equation of motion, known as Newton's second law, states that if you apply a force, F , to an object you will get an acceleration, a , but the more mass, m , the object possesses, the less acceleration you will get for a given force.

In other words, the force it takes to accelerate a hockey puck to a high speed will barely budge a car. For any given force, F , if m goes up, a goes down, and vice versa.

Why is this? What gave matter this property of possessing inertial mass? Physicists sometimes talk about a concept known as "Mach's Principle" but all that does is to establish a certain relationship between gravity and inertia. It doesn't really say how all material objects acquire mass. In fact, the work that Rueda, I and another colleague, Hal Puthoff, have since done indicate that **mass is, in effect, an illusion.**



Matter resists acceleration not because it possesses some innate thing called mass, but because the zero-point field exerts a force whenever acceleration takes place. To put it in somewhat metaphysical terms, there exists a **background sea of quantum light filling the universe**, and that light generates a force that opposes acceleration when you push on any material object. That is why **matter seems to be the solid**, stable stuff that we and our world are made of.

Saying this is one thing. Proving it scientifically is another. It took a year and a half of calculating and writing and thinking, over and over again, to refine both the ideas themselves and the presentation to the point of publication in a professional research journal. On an academic timescale this was actually pretty quick, and we were able to publish in what is widely regarded as the world's leading physics journal, the Physical Review, in February 1994. To top it off, Science and Scientific American ran stories on our new inertia hypothesis. We waited for some reaction. Would other scientists prove us right or prove us wrong? Neither happened.

At that point in my career I was already a fairly well-established scientist, being a principal investigator on NASA research grants, serving as an associate editor of the Astrophysical Journal, and having many dozens of publications in the parallel field of astrophysics. In retrospect, my experience should have warned me that we had ventured into dangerous theoretical waters, that we were going to be left on our own to sink or swim. Indeed, I would probably have taken the same wait-and-see attitude myself had I been on the outside looking in.

An alternative to having other scientists replicate your work and prove that you are right is to get the same result yourself using a completely different approach. I wrote a research proposal to NASA and Alfonso buried himself in new calculations. We got funding and we got results. In 1998, we published two new papers that again showed that the **inertia of matter could be traced back to the zero-point field**. And not only was the approach in those papers completely different than in the 1994 paper, but the mathematics was simpler while the physics was more complete: a most desirable combination. What's more, the original analysis had used Newtonian classical physics; the new analysis used Einsteinian relativistic physics.

As encouraged as I am, it is still too early to say whether history will prove us right or wrong. But if we are right, then **"Let there be light" is indeed a very profound statement**, as one might expect of its purported author. **The solid, stable world of matter appears to be sustained at every instant by an underlying sea of quantum light.**



But let's take this even one step further. If it is the underlying **realm of light** that is the fundamental reality propping up our physical universe, let us ask ourselves how the universe of space and time would appear from the perspective of a beam of light. The **laws of relativity** are clear on this point. If you could ride a beam of light as an observer, all of space would shrink to a point, and all of **time would collapse** to an instant. In the reference frame of light, there is **no space and time**. If we look up at the Andromeda galaxy in the night sky,

we see light that from our point of view took 2 million years to traverse that vast distance of space. **But to a beam of light radiating from some star in the Andromeda galaxy, the transmission from its point of origin to our eye was instantaneous.**

There must be a deeper meaning in these physical facts, a deeper truth about the simultaneous interconnection of all things. It beckons us forward in our search for a better, truer understanding of the nature of the universe, of the origins of space and time . . . those “illusions” that yet feel so real to us.



Bernhard Haisch, staff physicist at the Lockheed Martin Solar & Astrophysics Laboratory in Palo Alto, California, is a scientific editor of *The Astrophysical Journal* and editor-in-chief of the *Journal of Scientific Exploration*. He is the author of *The God Theory*.

