

New Ice Age Ahead

Was Max Planck right?



[Planck in 1918](#)

He received the Nobel Prize in Physics in 1918 for his pioneering work on the quantum theory

Max Planck's personal paradox

At the end of the 1920s Bohr, Heisenberg and Pauli had worked out the Copenhagen interpretation of quantum mechanics, but it was rejected by Planck, as well as Schrödinger, Laue, and Einstein. Planck expected that wave mechanics would soon render quantum theory—his own child—unnecessary. This was not to be the case, however. Further work only cemented quantum theory, even against his and Einstein's philosophical revulsions. Planck experienced the truth of his own earlier observation from his struggle with the older views in his younger years: "A new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die, and a new generation grows up that is familiar with it."

See: [Max Planck](#)

The box of Consensus-Science

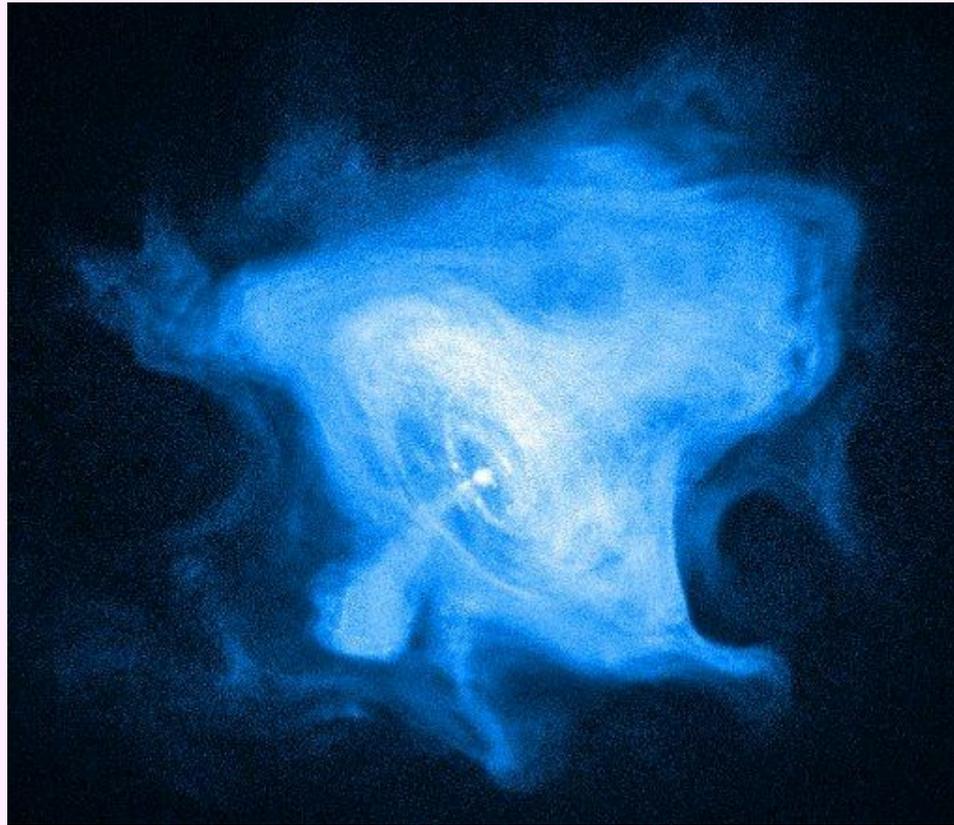
The Crab Nebula is a perfect example of the perceptual blindness that is maintained within the consensus box that imprisons the mind into mythological doctrines that rarely reflect the real world outside the box of the consensus so-called science. The consensus box is prison for science, because the leading edge breakthrough of advanced discovery unfold in realms that no one has trod before, far outside the box of consensus.

Within the box of the consensus the phenomenon of gravity has been discovered back in the days of Johannes Kepler. Once it became accepted it ruled the consensus to the point that everything in the universe is now seen as the casual result of the force of gravity. But the force of gravity is not the only force in the Universe. In fact it is the weakest force, and on top of that, its effect diminishes with the square of the distance. Outside the box of consensus the electric force has been discovered to also apply to the Universe as a universal force, instead of applying only to the minute realm nuclear physics. Vast electric phenomena are observed throughout the universe, but since electricity in space is not recognized within the box of academic consensus (even though it is routinely measured by NASA in numerous different ways) the entire perception of the universe is squeezed within the box of consensus where only gravity is

acknowledged as a universal force.

The boxed in perception of the Crab Nebula

On this basis, within the consensus box that limits academia the phenomena observed in Crab Nebula become an enigma that only the magic of super-dense matter and black holes can explain, and which fails even at that so that the Crab remains an enigma to the very day when seen from inside the box. Within the Crab, which is several light years across, we see phenomena happening, and changing simultaneously in a short period of time over an area is the light years across. If light cannot travel fast enough to cause the vast phenomena that we see happening, the entire Crab phenomenon remains an enigma.



NASA - the heart of the Crab Nebula seen in X-ray light by Chandra x-ray telescope

When perception is allowed to 'stray' outside the box of the gravity-only academic consensus it becomes immediately apparent that electric phenomena are common throughout the Universe where they reflect the long discovered principles of the electromagnetic force that is measured to be 39 orders of magnitude stronger than gravity and does not diminish with the square of the distance, but only in a linear manner, which creates a huge difference in effect, especially on the cosmic scale. Thus, when the Crab Nebula is seen on this platform where a large portion of reality is no longer banished from sight, the Crab becomes a very simple phenomenon that has not only numbers reflections throughout the Universe, but can also be replicated in the laboratory with real physical experiments. Here, outside the box, the Crab comes to light as simple resonating plasma phenomenon that occurs in a Birkeland current that is typically in the order of a light year wide, or wider in larger phenomena. In the resonance of such a system that is light-years wide, the wave phenomenon occurs simulations over the entire cross section of the resonating current. On this platform where another increment of reality is included in the perception (outside the box of consensus academia), the enigma of the Crab becomes a simple structure and a not uncommon one.

See: [The Crab Nebula - an enigma in the box](#)

The Max Planck paradox continues

When science is boxed in to the point that the strongest universal forces of the universe, the electric force and its manifest the magnetic force, are omitted a blindness in perception results that becomes universally paradoxical to the point that the perception becomes mythological and reality becomes banished. Then people say, when confronted, "don't waste my time with reality." - I speak for experience here. Evidently that has become a common occurrence in modern time, as a writer laments in an article referencing the electric nature of the Universe:

It has been said that the greatest obstacle to discovery is not ignorance but the illusion of knowledge. Too often the things we think we know obstruct the things we need to learn.

In the 20th century, the luminaries of theoretical science forged a picture of the universe that seemed somehow complete and inarguable. From subatomic physics to the life sciences, from planetary science to astronomy, astrophysics, and cosmology, the 'big picture' of the natural world left little room for doubt. Or so it seemed.

Today's popular cosmology stirs public imagination with weird and wonderful possibilities, all based on mathematics far beyond the interest or comprehension of most mortals. Working forward from a conjectured primordial state, the theorists would have us believe that they have solved the primary riddles of the cosmos; that they are on the verge of completing a 'theory of everything.'

We believe otherwise. Modern theory is not impregnable, and all is not well in the sciences. Space age engineers have indeed achieved unprecedented advances, and theoreticians have basked in the resultant glow of public attention. But in this environment a decades-old scientific myth froze into dogma that progressively excluded uncomfortable facts and counter-arguments. By the end of the 20th century, the illusion became 'reality' and the voices of critics--present in considerable numbers--were no longer heard.

It will be up to historians of science to show how this occurred. To make our case we need only consider discoveries readily accessible to working scientists and to all who have remained skeptical in the face of supposedly settled questions. As we intend to show, the fatal mistake of standard cosmology is its dismissal of electricity in space. Devotion to an electrically neutral, gravity-driven universe has turned cosmology into a playground for mathematicians. And this turn of events was possible only because today's cosmologists lack the training to see the most compelling message of the space age--that we live in an electric universe.

For years, the scientific media have bombarded the public with intriguing answers to these big-picture questions. The themes are familiar even to the most casual observers of scientific commentary. Cosmologists speak confidently of the Big Bang that set the clock ticking and the universe on its course 13.7 billion years ago. This is a universe filled with black holes, dark matter, dark energy, and other incomprehensible objects and forces, all with one thing in common: they remain unseen and inaccessible under known laws of physics.

With each new discovery, the 'Big Bang' universe grows increasingly bizarre, inviting parodies that underscore the question many working scientists have hesitated to ask: can anyone make real sense of this? The popular science fiction writer, Terry Pratchett, satirized the cosmological creation event: "In the beginning there was nothing--which exploded." When another science fiction writer, Douglas Adams, conjured an 'Infinite Improbability Drive,' the object of his wit was today's probabilistic quantum mechanics theory, which disconnects cause from effect. This theoretical approach has opened the door to every imaginable violation of physical laws, culminating in what many now claim to be the greatest scientific embarrassment of the twentieth century-'string theory.' "Where are the surrealist-art critics of science?" one humorist asked.

Unyielding Faith in Gravity

Cosmologists insist that the weakest force known to science-gravity- controls the universe. Early in the twentieth century, Einstein redefined Newtonian gravity by adding a metaphysical framework. He combined the three measurable physical dimensions of space with a mathematical 'dimension' that cannot be measured with the same ruler: time. The claimed success of Einstein's 'thought experiments' encouraged mathematicians to follow his lead, and they have dominated physics and cosmology ever since.

It must be said that Einstein himself showed integrity by doubting his own work. But his followers have shown no such restraint. In their devotion to mathematical abstractions, cosmologists wrote themselves a blank check, with the freedom to invent anything necessary to save the theory when observations didn't fit.

Around the middle of the twentieth century, astronomers were shocked to discover unimaginable concentrations of energy in deep space. Limited to gravitational models, they could only envision super-

massive, super-compact objects hidden from view. So they suspended observed laws of physics to allow for 'black holes.' On discovering galactic motions that directly contradicted gravitational models, astronomers imagined vast regions of invisible 'dark matter.' Since no one could see it, they were free to place it wherever needed to preserve appearances. Then, when other dubious assumptions led them to think that the universe is expanding ever faster--the ultimate violation of gravitational dogma--they resorted to 'dark energy,' an exotic force neither witnessed nor understood, but supposedly dominating cosmic motions.

As the 'queen of the sciences,' modern cosmology has imposed boundaries on all related disciplines, with disastrous consequences. How did the Sun and its planetary satellites arise? Theory required stars to accrete gravitationally from diffuse nebular clouds, lighting a nuclear furnace hidden in their cores. From the residual disk of equatorial material, the theory says, planets and moons slowly congealed, together with a horde of lesser rocks moving around the Sun as meteors, asteroids, and comets.

From these assumptions, it was no great leap to write the history of our solar system. If gravity rules, the planets have surely moved on regular and predictable orbits for billions of years--a tranquil backdrop for the geologic and biologic evolution of Earth, punctuated only by random impacts from space.

By the force of 'reasoning from the top down,' the clockwork solar system also set firm limits to our understanding of human origins, the history of consciousness, and the rise of civilization. In the uneventful solar system of theory, the present became the guide to the past. The sky above our early ancestors must have been virtually identical to what we observe today. A mere speculation thus deprived historians, archeologists, and anthropologists of a desperately needed incentive. It permitted them to ignore the universal testimony of early cultures that the sky once looked vastly different. Scholars investigating the human past did not realize that this submission to the cosmologists' creed only added to the cost of misdirection in the sciences.

A New View of the Universe

Today a new breed of scientist is challenging modern cosmology at the level of its underpinnings. Researchers standing on the shoulders of unsung twentieth century giants of science (including several Nobel Laureates) are investigating the plasma universe. They remind us that interplanetary, interstellar, and intergalactic space is filled with plasma, a medium that continually defies astronomers' expectations.

Plasma is distinguished by the presence of charged particles, and the freely moving electrons in plasma are efficient carriers of electric currents. For today's innovators, electricity is the key to understanding the never-ending surprises of the space age. The patchwork of modern cosmology is unnecessary, these researchers tell us. They do not follow abstract reasoning from the top down. Their understanding arises from experiment and direct observation.

They begin by comparing plasma behavior in the laboratory to patterns seen in space. And their insights have consistently succeeded in predicting the path of discovery where standard cosmology has failed.

Working with advanced computer simulations and the most powerful electrical discharges that can be produced on Earth, these investigators are now pointing the way to a new and revolutionary vision of the universe.

The above is article by By Wallace Thornhill and David Talbott "Introducing The Electric Universe" see: RENSE.COM - 2-18-07

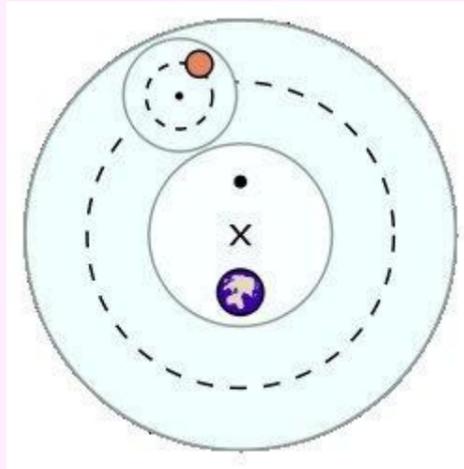
Also see related articles: [Thunderbolts archive](#) and [Holoscience archive](#)

"The greatest obstacle to discovery is not ignorance but the illusion of knowledge"

This opening statement of the above article defines today's stage to a large degree short of exposing the

danger inherent in knowledge that is incomplete. Incomplete knowledge boxes the mind in with assumptions that create barriers behind which impossible situations arise that cannot be resolved or understood behind the barriers. Incomplete knowledge creates paradoxes. When the paradoxes cannot be resolved the mind regresses towards a more infantile state where doctrines replace reason.

In the case of Ptolemy, a religious doctrine about the nature of the heavens imposed a paradox. The doctrine decreed that with the "heavens being perfect the orbits of the planets must be on the path of perfect circles, orbiting the less perfect Earth. The trouble was that the evidence didn't match the assumption. With astronomy being put into a box by the doctrine since was employed to interpret the evidence, to make it fit the doctrine. On this platform Ptolemy created the epicycle.



[Ptolemaic system](#)

The epicycle is an imaginary circle that a planet was deemed to orbit, which was itself riding on a circle that is centered on an imaginary point in space which lies half-way between the Earth and another imaginary point in space that he called the "equant." With these two fudge factors, the epicycle and the equant, Ptolemy actually able to create a platform for understanding the motion of planets that came amazingly close to what was actually observed. The knowledge thus created had ruled astronomy for 1500 years till Johannes Kepler (1571 - 1630) broke out of the box and saw in the motions of the planets the expression of the principle of universal gravity. With this discovery the rule of the epicycle that had actually begun to some degree with Aristotle, ended. It didn't end instantly, but it ended. Kepler wrote:

Now, eighteen months after the first light, three months after the true day, but a very few days after the pure Sun of that most wonderful study began to shine, nothing restrains me; it is my pleasure to taunt mortal men with the candid acknowledgment that I am stealing the golden vessels of the Egyptians to build a tabernacle to my God from them, far, far away from the boundaries of Egypt. If you forgive me, I shall rejoice; if you are enraged with me, I shall bear it. See, I cast the die, and I write the book. Whether it is to be read by the people of the present or of the future makes no difference: let it await its reader for a hundred years, if God Himself has stood ready for six thousand years for one to study Him. -- [Johannes Kepler, Book V, Harmony of the World](#)

(also see: [Animating Creativity](#))

Still the challenge remains before us, to break out of the box created by incomplete knowledge. The world of science still abounds with 'epicycles' of many types that have been conjured up for the same old purpose to make the evidence fit the doctrine in order to keep the boxed in system of modern academia alive. The modern epicycles have different names of course, dark energy, dark matter, black holes, including the big-bang explosion that caused the universe to be. The epicycles of dark energy, dark matter, and so forth are needed to explain observed phenomena in the universe within the box from which 99.99% of the Universe is omitted. The epicycles rule in the tiny box where every phenomenon must be explained exclusively from the platform of gravitational interaction. Since this doesn't work in most cases, fudge factors are invented in order to make the results come out right. The tragedy is that this platform of 'science' that bases everything on incomplete perceptions is enormously expensive as it leads to tragic conclusions and tragic policies and closes the door to progressive discoveries. Indeed, why would one not expect such tragedies when one's perception of the Universe is based on the weakest force in the Universe that diminishes with the square of the distance, with the exclusion of the strongest force that is 39 orders of magnitude

stronger and diminishes only in a linear relationship with distance? Indeed, how could one expect to have an even remotely close concept of reality when one omits 99.99% of the Universe in one's consideration? The results are tragic indeed.

The tragic results of banishing 99.99% of the Universe

99.99% of the Universe, possibly more, exists in a state called plasma. In plasma, the protons and electrons that are the basic building blocks of atoms exist in an unbound state, or in some cases in a partially bound state. With the protons and electrons being endowed with an electric charge they respond to the principles of the universal electric force. When the force they react to sets them into motion, their movement creates a magnetic force. The combined effect is called the electromagnetic force. This force is 39 orders of magnitude stronger than gravity, has an infinite range like gravity, but unlike gravity that diminishes with the square of the distance, the electromagnetic force diminishes only in a linear relationship with distance. This makes a huge difference, especially in galactic and intergalactic environment where the distances are extremely large. On this huge scale the weak force of gravity that diminishes with square of the distance plays no role at all. Here everything operates according to the principles of the electric force.

The tragedy begins when academic quackery tries to envision the Universe without its operating forces on a platform where only gravity rules. That's when we get into such mythological perceptions as the "density wave" theory. These perceptions result from the frustrating task of having to interpret the Universe without the very force that gives it its shape. The process is like a kid making excuses for why it didn't show up in school, and the excuses have nothing to do with what really happened.

The "density wave" theory is tragic, for it has nothing to do with reality. Being thus 'free' of reality the wildest projects suddenly become possible such as the 62 million year mass-extinction cycle theory that is presently brought to the political scene with massive apocalyptic predictions of earthquakes and mass extinctions and so on, including the great 2012 apocalypse that supposedly ends everything as we know it. The "density wave" theory has the solar system orbiting through imaginary super-high-density regions of stars in the galaxy with apocalyptic consequences. The same theory also has the solar system bobbing up and down above and below the galactic equator, even above and below the galactic disk, thereby becoming super exposed to cosmic radiation with mass extinction consequences. When the question is posed how these strange proposed movements of the solar system are possible, the answer is also "the density wave." When asked how the "density wave" is possible, dark matter is brought to the scene, and so the excuses become evermore convoluted. It doesn't seem to matter that a 62 million year cycle isn't even possible in a density wave galaxy with the currently known orbital speeds. Nor does it seem to matter to the theory of the up and down bobbing solar system that the solar system is currently nowhere near the stated extreme that apocalyptic predictions are based on. The solar system is presently located 16-98 ly from the central plane of the galactic disc that is itself 1000 light years thick, far distant from the environments that are deemed apocalyptic by the density wave dogma. When reality is banished all sorts of things are possible.

See: [The Density Wave vs Electric Cycles - science boxed in by a myth](#)

The universe outside the box

When seen outside the tiny box of perception in which everything is reduced to gravity and related mythologies by which reality becomes increasingly less of a factor, the real universe comes to light as radically different. Instead of being seen as an entropic universe that is self-consuming, as in the case of the fusion sun that consumes its fuel and burns out, the universe outside this box is seen as self-powered by inexhaustible energy streams that are plasma electric in nature by which the universe is self-expanding and thereby anti-entropic in nature. Outside of the boxed-in view the history of the Earth and the solar system look radically different, with interconnections far beyond the reach of gravity. In this wider view the solar system becomes a part of a wider system of stars and star systems, within which the Earth has its own and rather turbulent history together with all the stars the solar system has acquired. On this wider platform the large extinction events in the Earth's history come to light as resulting from radically different causes that are not mathematically cyclical in nature, but are resulting from the nature of unfolding process.

See: [Constructing the Solar System](#)

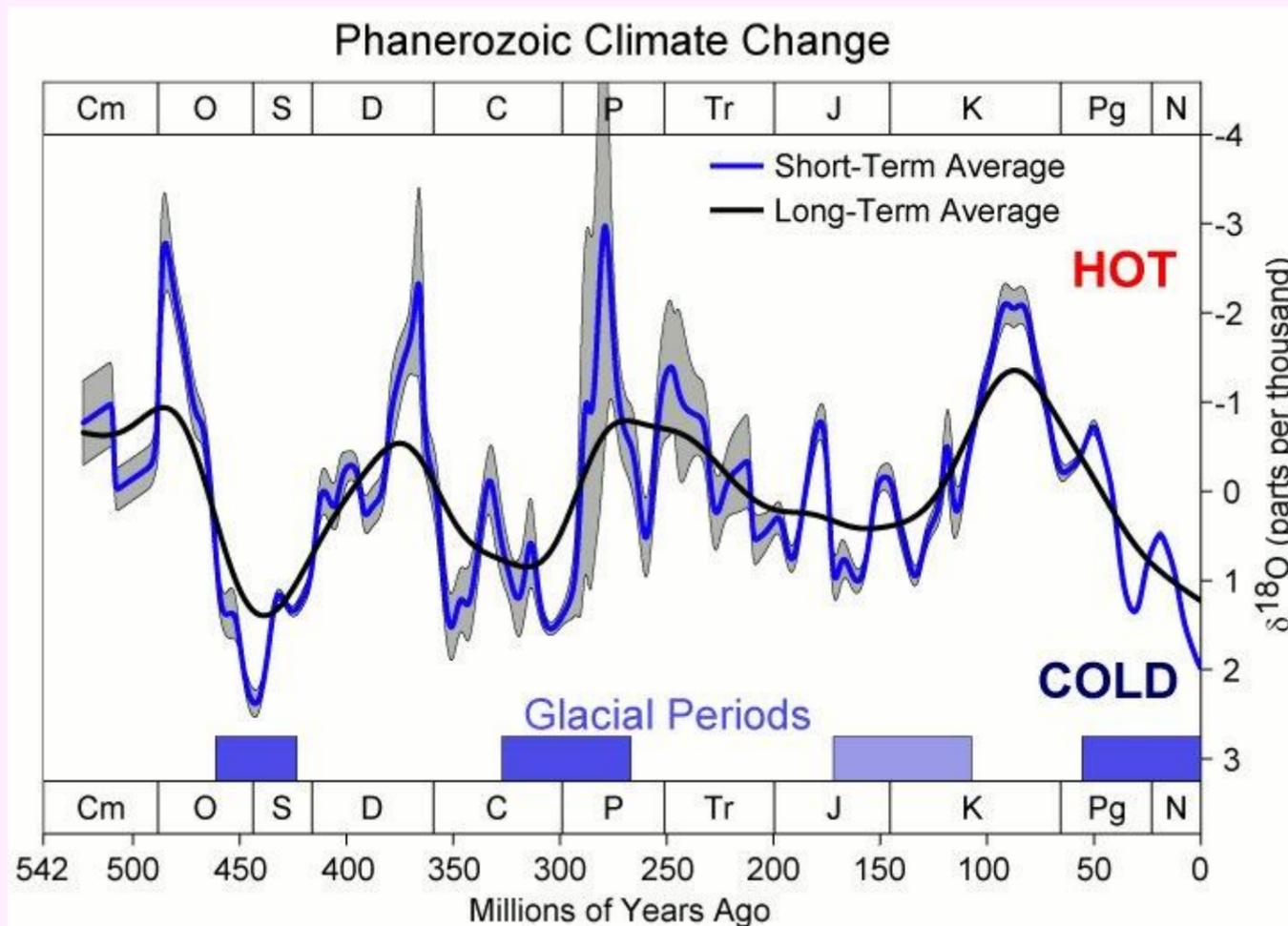
The 440 million year event

While the long galactic and extragalactic cycles (62 and 144 million year cycles) shape the evolutionary processes, it is rare that they are the cause for extinction events. In fact, only one such cause can be recognized with relative certainty, which resulted from the deep glaciation 440 million years ago when the 62 million year cycle and the 144 million year cycle of electric density (and climate warmth) were both at a minimum point.

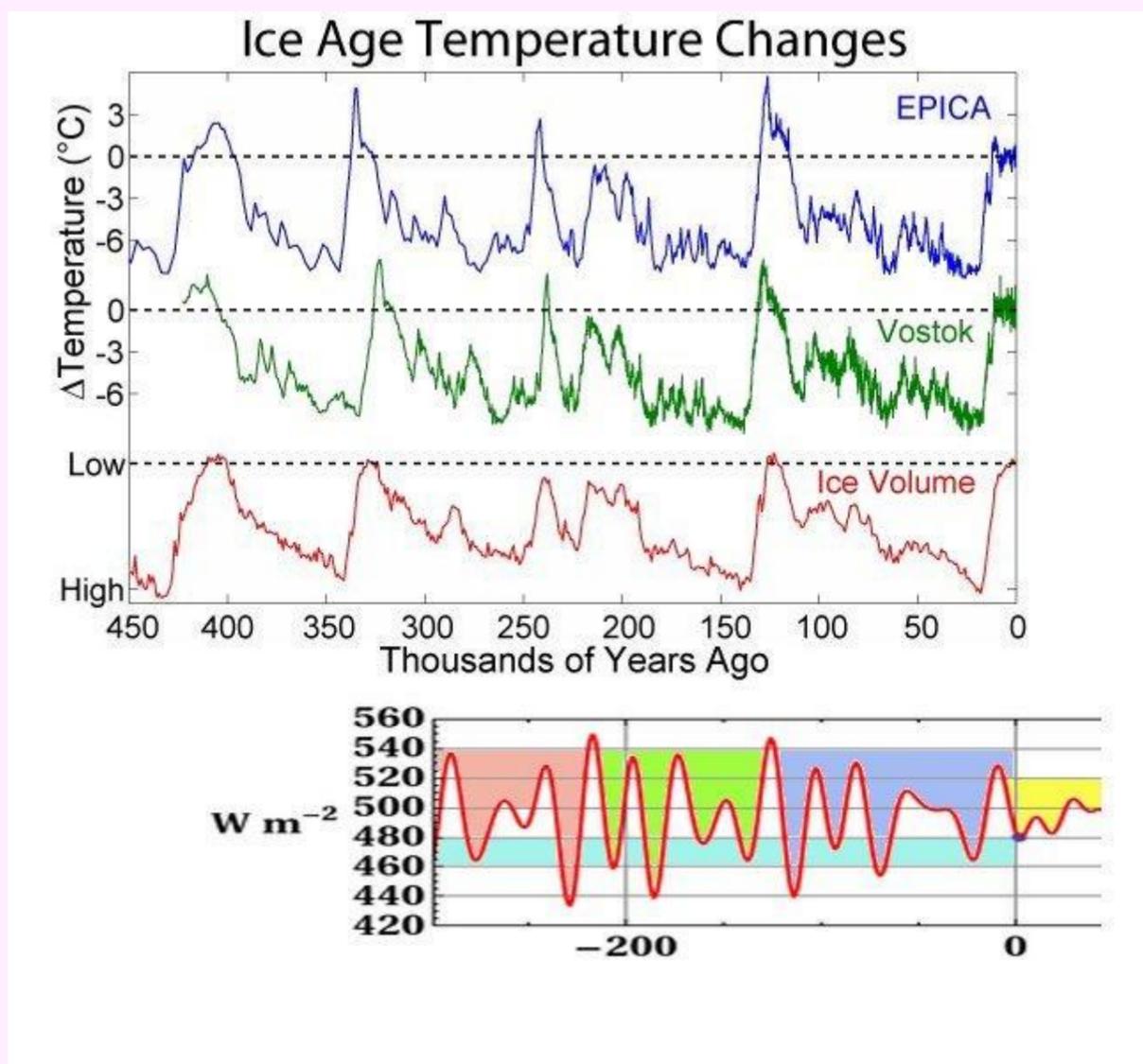
Evidence in sediment records tells us that the simultaneous deep low of the 62 and 144 million year cycles was a singular event in history of our planet. The records also indicate that the same overlapping is in the process of repeating itself in the current timeframe where the process became expressed with the start of the Pleistocene ice age epoch that began 2 million years ago.

Thus we find ourselves once again in a situation in which the 62 million year cycle, and the 144 million year cycle, of electric density and corresponding climate warmth are both falling off towards their minimum point. If we consider the length of the lower half of the down-portion of 62 million year cycle being coincident with the Pleistocene ice age, the Pleistocene will likely extend for 7 million years in duration, (with 5 more to go) with its deepest point being reached in 1.5 million years from the present.

This rare overlapping of the long galactic and cosmic electric density cycles is the only life-threatening event on the Earth's horizon that is caused by galactic and cosmic forces acting in the present. And this is happening now. The Earth has been in an Ice Age epoch for 2 million years or glaciation cycles that have their own 100,000 year resonance that potentially reflects the electromagnetic cycle time of a galaxy that is 100,000 light years wide.



While society dreams of a world that isn't real - a world of global warming, a mechanistic world in which the return of the current 100,000 year glaciation cycle is deemed to be still a thousand, or thousands of years away, too far for anyone's concern - the real world outside of the box of dogmas doesn't match those dreams. Inside the box everything is gravity oriented and mechanistically determined and the Universe and the galaxy are electrically dead.



Inside the box where only gravity rules the current 100,000 year ice age cycles are computed to correspond with the earth's exposure to the Sun in respect to the interacting cycles of the Earth's orbit around the Sun, the Milankovitch Cycles. Except, just as it was the case with Ptolemy's approximation, the result doesn't quite fit. According to the Milankovitch cycles we should be in Ice Age conditions right now. Evidently a much larger 100,000 year galactic oscillation is involved that by their electric nature are secondarily expressed in major elements that make up the Milankovitch cycles.

Since the nature of the great determining galactic and cosmic cycles is located outside of the box in which only gravity is deemed to rule and no other factors exist, no interest stirs the mind in the world of doctrinal academia in respect to the current danger, even while the very existence of mankind is at stake, and the danger is immanent.

Ice age conditions are a critical factor in a world like ours where our very existence depends on agriculture that is the key element of our food infrastructure. Nobody lives without food. When agriculture dies, mankind dies with it. No take a look at the few green areas where the major agriculture in the world is located.



NASA - blue marble

Most agriculture in North America is located in a 'small area north of the 30th parallel, extending in a few places as high as the 55th parallel. A large portion of that was covered in ice during the last glaciation and the rest with tundra conditions. When the climate down-shift begins nearly all of that area is in danger of becoming lost to the world's food production infrastructure. The rest of the world is in a similar situation.



NASA - blue marble

On the Eurasian continent the major food production area is located north of the 40th parallel, with China, India, Australia, and Africa being barely being able to support themselves. The big food production areas are stretched out along a narrow band in the north that are the first to be affected.

When the sharp downturn begins towards ice age conditions the entire northern band will be affected simultaneously with potential crop losses of fifty percent. The resulting food deficiency could wipe out half of mankind in short order starting a mass extinction. If this happens, it would be the first voluntary mass extinction in the history of our planet.

In previous extinction events the affected species had no choice before them to escape the tragedy as we have today. We have the technological capability to relocate our potentially endangered agriculture into the tropics, or protect it in vast indoor facilities, and make the world food-sufficient at the same time.

See: [NAWAPA Floating Agriculture](#)

The question before us, driven by astrophysical factors, is whether will we do what is necessary to protect not only our own future, but together that of all mankind. Astrophysical factors are global factors. No nation stands isolated from their impact. Right now, the collective answer of mankind to the most critical question of our time is, "Nay." In world that is boxed in by short-sighted dogmatic academia the cosmic factors are deemed not to exist. In a world of dreams about global warming, a nuclear fusion sun, and a solar system that has not changed for 'eternity' the collective answer to the ice age question is complete indifference, for the world outside the boxed-in perceptions is deemed not to exist.

Let us hope that Max Planck was wrong

With the dawn of a new ice age before us and the need to escape the dangerous boxed-in perceptions, the paradox that Max Plack faced comes into view again, which he stated as a postulate. "A new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die, and a new generation grows up that is familiar with it."

Let us hope that Max Planck was mistaken, because we simply don't have the luxury anymore to wait for the death of the current generation for society to become free of its boxed-in perceptions. The ice age imperative is here now. We are in the transition zone. While no one can predict the day or year when the transition starts, or know whether it hasn't started already, we cannot escape the fact that the transition is near. We have numerous warning balls ringing.

NASA discovered that the solar heliosphere has been progressively 'collapsing' (by 20% to date) over the last 50 years, as the solar wind pressure that forms it has become less dense. As a consequence the cosmic-ray flux as increased in density with the resulting increase is cloud formation. As a lawful consequence of that, the Earth has been getting cooler. A sharp drop in year-average temperature has been recorded at the Solar Terrestrial Institute in Irkutsk from 1998 onward. Record cold winters have been reported all over the world. All of these are the natural effect of the reduced density of the plasma electric currents that power our solar system and the Sun. What we see fully reflects the expected pattern of the 100,000 years oscillation that give us the cyclical interglacial periods, like the current one in which our culture developed.

One of the tragedies of our global culture is that it grew out of a time of huge astrophysical events that for the lack of scientific knowledge inspired a large arena of religious mysticism that created the boxed in culture of dogmas. This trend has been exploited by political motivation for the protection of empire against scientific and technological progress. With empire itself being a dogmatic system that depends on the boxed in mentality for its very existence, it is not surprising that the masters of empire, especially from the time of Paolo Sarpi onward to the present day, have kept science boxed in with mysticism along the Ortes, Maltus, Darwin, Huxley, Fabian axis and its modern extensions. It was this axis of intentional anti-science action that conjured up the Big Bang mysticism with its dark matter, dark energy, and black hole cosmology that neatly fits into the box of an electric-dead universe where gravity is the only causative force allowed by the dogmas of the box.

The modern fusion-sun and fusion-energy mysticism are elements created by the dogmas of the box. They are clever answers to the limits imposed by the perception of a universe that is devoid of its self-powering energy in the form of plasma electric currents. And they are entropic concepts. Everything in the box is an entropic concept, ruled by the king, the second law of thermodynamics. On the galactic level the density wave doctrine governs the scene in the box, complete with its attached apocalyptical mysticism and cyclical extinction mysticism.

A trend for breaking the Fabian entropic box

The American statesman and economist Lyndon LaRouche may have started such a trend. His work of the last 35 years in researching the history of empires and their mastery of the box, and his presenting the concept that there is a whole world outside the box possible, and bright one at that, has caused a lot of

people to look a little further than the limits imposed by the boxed-in dogmas such as monetarism, imperialism, fascism, terrorism, and so on. He displayed the world outside the box in contrast with all the mess inside it that is presently destroying the economies of the world and their financial system, and also their culture and physical existence.

LaRouche may have also had this kind of effect on science in perhaps the only manner in which the box can be broken without waiting for another generation to die out. LaRouche has put the inside of the box on full display, perhaps to illustrate its absurdity - including the density-wave doctrine and its attached apocalyptic mysticism, and also the doctrine that the next glaciation cycle is far off, and that fusion power production is possible and is near.

Whether LaRouche's exposure of the inside of the box is intentional or is just another case of the blind leading the blind is unknown, but his immense effort in exposing the box does have a dramatically sobering effect as it exposes the absurdity of the box, and the danger to mankind and civilization resulting from it remaining inside this barrier to perception and discoveries. In this sense Lyndon LaRouche is setting the stage for accomplishing what Max Planck hadn't dared to image to be possible, a breakout from the box on all fronts simultaneously, and this to be accomplished within our generation. With this breakout that might yet become possible with LaRouche standing in the foreground, rests the future of all mankind, and not just its hope.

In the field of economics Lyndon LaRouche has broken out of the box of consensus academia, leading a fight that now spans 35 years to lift the world out of the stranglehold of the consensus box where what is deemed economic force, is ruled by the king of liberal imperial private monetarism. In the field of astrophysics and to some degree physics the speeches of Lyndon LaRouche and of the LPAC science basement team that he had organized, reveal the great pioneer's still tightly boxed-in perception to entropic cosmology where gravity rules as king and the electric force is banished from entering perceptions. But there is cause for hope apparent that the situation will change in the near future as all paths to cosmic reality converge at the realization that the 99.999% of the mass of the Universe exists in electrically charged plasma responding to the electric force that is the strongest universal force in existence with a near infinite range, in comparison with gravity that is primarily a local force as in the 'small' spaces of planetary systems, such as ours around the Sun.

Stated intention vs lagging response

On many occasions the LPAC basement science team has commented on the Crab Nebula for example, as seen from the platform of conventional perceptions, They recognized that what is being observed in the Crab Nebula should not be possible, so that something is obviously missing from the platform of perception. This recognition is a step forward. But from this forward position to the actual breaking out of the box that created the paradox in the first place, the footsteps become increasingly difficult to make.

As stated at the beginning of this article, Max Planck is said to have expected that wave mechanics would soon render the quantum theory—his own child—unnecessary. It was said that he found that further work only cemented the quantum theory more firmly, even against his own and also against Einstein's philosophical revulsions. The mathematics had created a box that he couldn't break out of. In the days of Planck and Einstein the evidence of the world outside the box was faint and spasmodic in comparison with the flood of evidence that is available today with the aid of space telescopes and satellite science probes. The door out of the box has been opened wide by these modern efforts, but to step beyond the threshold appears to remain as difficult as it always had been. It is not a small mental step to lay the 'epicycles' aside by which a dogma was made believable. When Kepler achieved his breakout, he broke one and a half millennia of boxed-in preconceptions. It took that long for mankind to take this single step across the barrier of learned ignorance. In today's world we don't have the luxury of waiting another one and a half millennia for academia to accept that there is a whole world past the open door.

Anti-entropy replacing entropy

While the defenders of the faith in science mythology are many, there remains hope that the situation will change in the near future. Lyndon LaRouche and the basement team that he has organized have spoken for years about a universe that is anti-entropic, that doesn't run down but is self-expanding. These pioneers stood against the whole world that hails the second law of thermodynamics as absolute, that champions the black art science, that of the Big Bang, dark matter, dark energy, and black holes in space, and they are still standing as champions of the breakout movement from the box. Nevertheless while the pioneers speak of anti-entropy in a philosophical manner they are still stuck to some degree in the box of consensus-science where everything is entropic.

Entropy is the world-view in all respects. Everything is deemed to be winding down. Empire needs it that way. Nevertheless our immediate world is non-entropic. Every atom is essentially a non-entropic energetic system that never stops. If it did the Universe would vanish. But the universe is more than a just-existing entity. It is developing and growing. It is actively anti-entropic and is universally powered under this principle. This power is greater than fusion. It is electric, unbounded, and infinite in its reach, and inexhaustible. It is reflected by the anti-entropic nature of life.

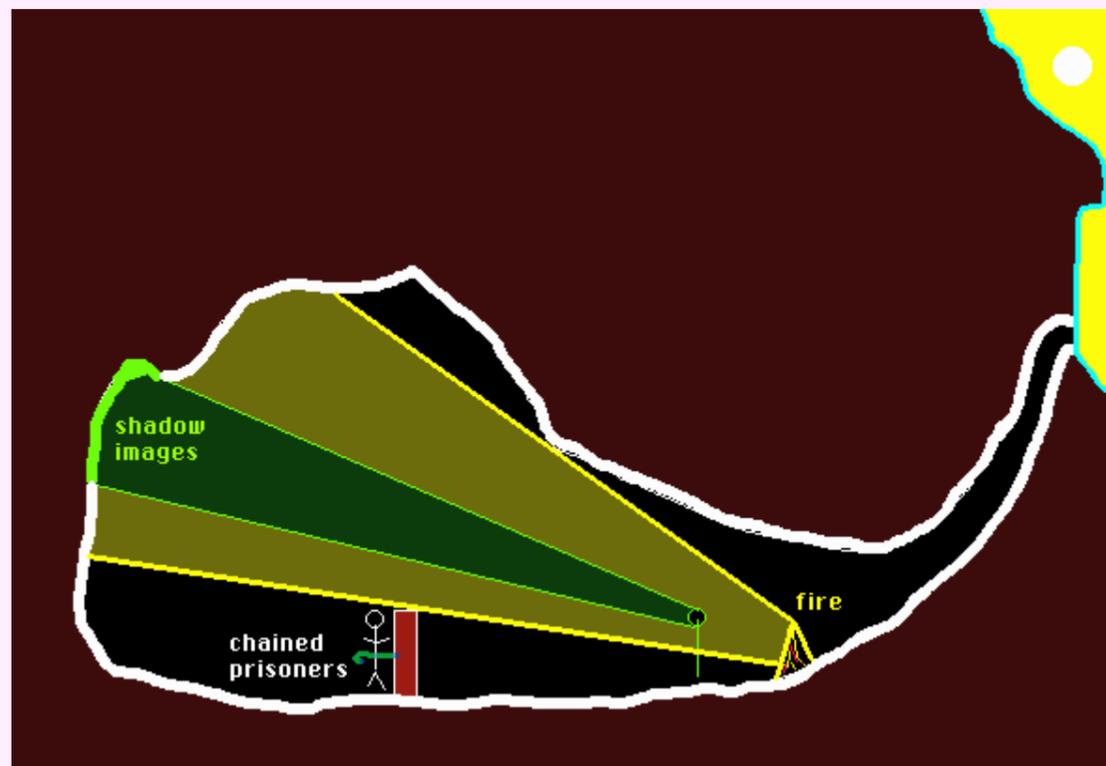
In the cosmology that is conceived without electricity everything is entropic, self-consuming, self-collapsing. The fusion-sun is entropic and with it is the resulting perception of the Universe. The defenders of the modern faith are committed to entropy. They are committed to prevent any breakout from the box that the existence of empire depends on. They are 'enslaved' to do this in order to choke the very notion that the Universe is rationally comprehensible and is actively and universally self-powered without nuclear fusion furnaces in stars, and black holes in the galaxies, and dark energy.

Sarpi, and Huxley and his Fabian friends in the Royal Society would all praise the modern world of science. They would award its disciples the grand price for excellence at mental self-imprisonment. Nevertheless empire is far from being secure. It is entropic itself by its very nature, so that the age of empire is ending. With its end now near, mankind requires a sure foundation with science based on truth, to rebuild the world that empire has torn down. For this, the breakout from the box of consensus-science that keeps a large portion of the Universe (the universal electric force and its energy) off limits, is critical.

Plato's parable of the cave is still unfolding

The critical factor in today's world is not a contest between ideologies. It is a contest of truth vs mythology. If Planck and Einstein had seen the evidence of the electric nature of the astrophysical Universe that we see today they would likely have jumped out of the box that academia hails today, which they themselves had hailed, even countering their own philosophical revulsions.

The allegory is the story of a people who have been held prisoner in a cave deep inside a mountain. They have been there for so long that the cave has gradually become the only world they know.



The prisoners are laid in chains that are fastened behind a wall in the cave, facing the rear of the cavern. This rock encrusted world is the only world they know. The only light they can see is the light from a fire that is maintained on the other side of the wall, which is reflected off the rocks of the cavern in front of them, and above them. In this manner, their world has become a world of a faint glow of light and of huge shadows of objects that are passed in front of the fire. The shadows, which they all see with their senses can, thus become a reality to them that in part defines their world, that they react to.

Then someone manages to break away from the chains, stand up and cautiously raise himself above the wall. With great amazement he begins to observe the process that creates the shadows. The person who experiences this 'awakening' becomes free in more than one sense. This self-freed prisoner sees the fire, and also sees the objects that have created the magnified shadow images. The so freed prisoner begins to understand that the mythology of the world they had created for themselves was not real, but was merely a construct of their deduction resulting from the limitations of their perception.

But Plato doesn't leave it with that. A diffused glow of daylight is visible also. But is the self-freed prisoner willing to follow its promise that is but a faint glow? Plato suggests that he would not. He supposes that if "someone should drag him by force, up the rough ascend, the steep way up, and never stop until he could drag him out into the light of the sun, would he not be distressed and furious?... and when he came into the light, the brilliance would fill his eyes and he would not be able to see one of the things now called real." (Plato's The Republic, book VII)

With this profound allegory Plato illustrates the challenge that we all face, to resolve the great paradoxes. We live in a world of human thought that is defined by the limitations of what our senses are able to behold, and by the finity of the imaginary worlds that deduce from what we thus see. We bow to the shadows that the limited senses tell us is the reality of our universe. But when the pioneer of which there are still far too few, like the prisoner, breaks free from the chains that bind its existence by binding movement of perception - when he understands and acknowledges the process that causes the shadows, and he begins to understand the processes of the real world that other pioneers before him have discovered, then the whole cave experience becomes little more than just a shadow of a bad dream.

With this parable Plato defines the universal principle for civilization to free itself from imperial private monetarism and delimited science and culture, resulting in economic collapse, cultural regression, and mental infancy. By its very nature empire champions both of the tragic forces, monetarism and delimited science. Plato's cave illustrates both the nature of empire and the innate nature of the human being to free itself from mythologies.

In ancient times mythology developed when major astrophysical events that we no longer see today had dominated the sky, which for the lack of scientific knowledge were deemed images of gods, which often were

associated also with natural disasters for which cause the gods were feared. The masters of empire built on this trend with their own brand of impressive 'pomp and circumstance' combined with terrorism and slavery, and with delimited science and culture being promoted to keep the cave in operation. All of these fronts are now wearing thin, including the mysticism that stands behind them.

If Plato would see our world today would he cry, being moved to tears by the tragedies that society is inflicting on one another? Or would he rejoice that there is a stirring in progress in the cave towards an impending exodus and the end of the tragedy?

While the technology does not yet exist that enables mankind to tap into the galactic electric energy that surrounds our planet, which is evident in so many ways, a breakout can be enabled that gets the needed development started. One of the big blocking factors against the technological breakout, is the iron-clad hold on science that the masters of empire still exercise, who would loose their control over mankind if real scientific development was beginning to happen. However, with empire being entropic, and mankind anti-entropic in nature, a crossover will occur that reshapes the world, and this is in progress already. We are in the boundary zone.

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