

The Coming: A Boeing Whistleblower's Warning
Will a Massive Celestial System Change Our Solar System?

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It all started with a statement made by a man working for BOEING. He does not work for NASA, but rather is a NASA contractor from BOEING. Do to this contract work there was many video conferences and other meetings he was included in. His first statement:

I work for a NASA contractor and handle the video conferencing sessions between JSC and other facilities. Everybody always wants to see a link. Well, everything talked about in these vc's is top secret - so there's obviously not a link. I love my family and need my job so I'm not gonna tell you much that would endanger those either. I work for Boeing. All I can tell you is there is a LOT of interesting shit happening. The moon is NOT crashing - but it doesn't need to. There is a reason so many are sending birds up to watch the Sun - and it's not cause we just would like to know more about the Sun.

He claims that the event that is coming is a natural occurrence and it concerns something affecting the sun, NOT slamming into the Earth. It is already affecting the sun as evidenced by the solar filaments. He states:

The Sun is already reacting to 'forces' we can't see.

Now, one of the reasons people like this come out and give 'clues' instead of just plain out saying what is going on is because they cannot release information that is not public domain. So, he gives out clues, and we figure them out. If we figure things out and cite sources, then he knows it is public domain and can give his input. Doing it this way prevents insiders from inadvertently releasing secrets.

So, something is coming, and **everybody assumes NASA has all the answers and that there are things they know for sure which aren't being disclosed. The problem is, most of what is being discussed is NOT set in stone and NASA, nor ESA or the others know for certain either what will happen - in some instances - and even less when.**

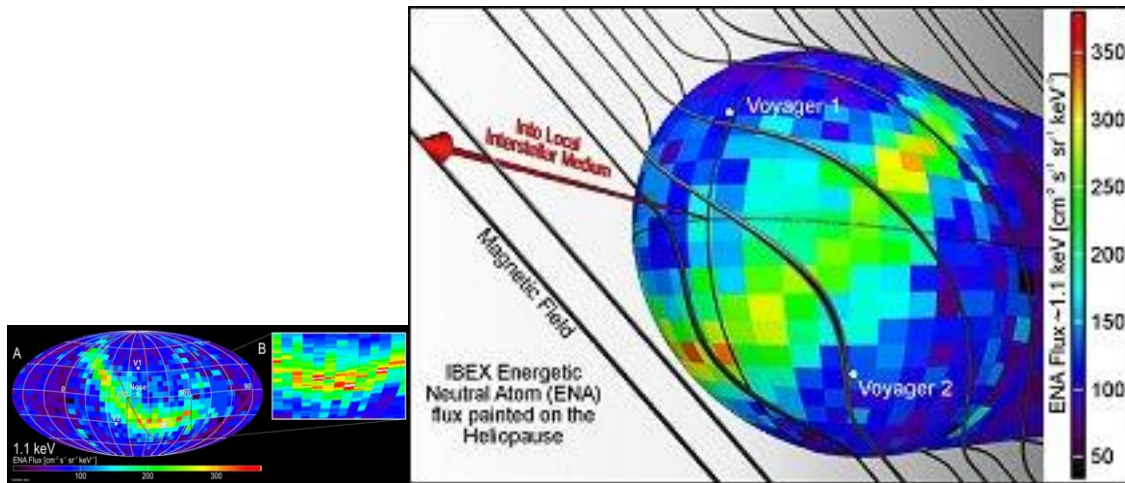
Thing moving through space can hit each other. When they do, it's hard to know what will happen because those spin offs can hit other 'things' we may not see yet - or - may think we see but aren't sure of the mass or composition.

This clue leads us to suspect an incoming celestial 'body' of some sort. But, I remembered I did some research on our heliosphere and when the OP said, "**we may not see yet - or - may think we see but aren't sure of the mass or composition,**" well, that told me it wasn't necessarily an asteroid or planet, but possibly the 'Fluff' cloud that was held together by magnetics. The first discovery of this anomaly was discovered by NASA around October 15, 2009.

The anomaly consisted of a RIBBON OF MAGNETICS that scientists said, "*We had no idea this ribbon existed--or what has created it. Our previous ideas about the outer heliosphere are going to have to be revised.*"

NASA - Giant Ribbon Discovered at the Edge of the Solar System

http://science.nasa.gov/headlines/y2009/15oct_ibex.htm



Two and a half months later, NASA made another discovery that SEEMS to be linked with this magnetic ribbon. They called it "Local Fluff". It is described to have come into being like this:

http://science.nasa.gov/headlines/y2009/23dec_voyager.htm

NASA - Voyager Makes an Interstellar Discovery

Astronomers call the cloud we're running into now the Local Interstellar Cloud or "Local Fluff" for short. It's about 30 light years wide and contains a wispy mixture of hydrogen and helium atoms at a temperature of 6000 C. The existential mystery of the Fluff has to do with its surroundings. About 10 million years ago, a cluster of supernovas exploded nearby, creating a giant bubble of million-degree gas. The Fluff is completely surrounded by this high-pressure supernova exhaust and should be crushed or dispersed by it.

The reason the Local Fluff doesn't disperse out into space is that it is highly magnetized.

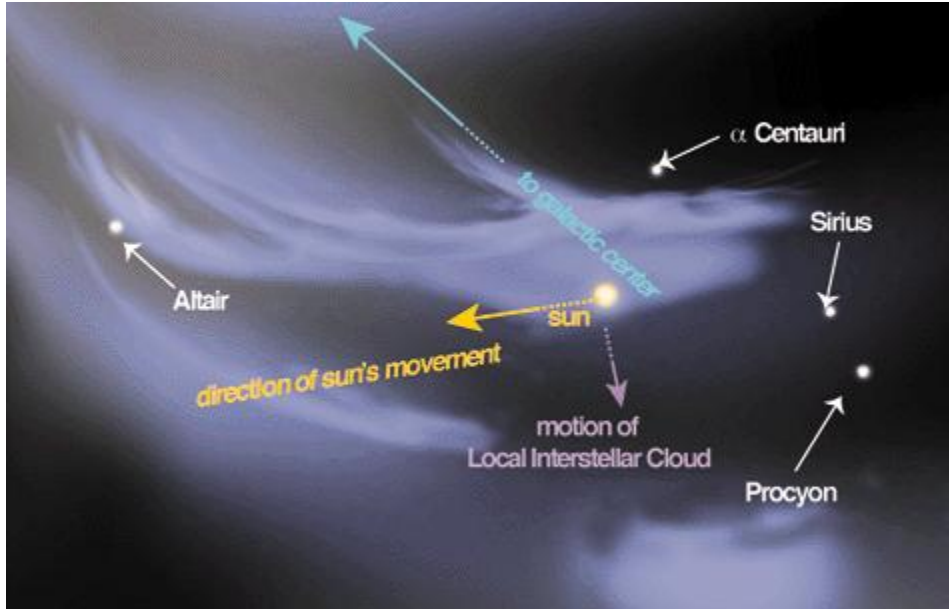
The fact that the Fluff is strongly magnetized means that other clouds in the galactic neighborhood could be, too. Eventually, the solar system will run into some of them, and their strong magnetic fields could compress the heliosphere even more than it is compressed now. Additional compression could allow more cosmic rays to reach the inner solar system, possibly affecting terrestrial climate and the ability of astronauts to travel safely through space. On the other hand, astronauts wouldn't have to travel so far because interstellar space would be closer than ever.

This magnetized fluff is not supposed to be able to enter our heliosphere, which is good news:

The Fluff is held at bay just beyond the edge of the solar system by the sun's magnetic field, which is inflated by solar wind into a magnetic bubble more than 10 billion km wide. Called the "heliosphere," this bubble acts as a shield that helps

protect the inner solar system from galactic cosmic rays and interstellar clouds. The two Voyagers are located in the outermost layer of the heliosphere, or "heliosheath," where the solar wind is slowed by the pressure of interstellar gas.

Below is an artist's rendition of what this 'Fluff' may look like:



Now, I remember reading these articles from a year or two ago, so I went out on a limb and asked the OP: "So, this 'ribbon' of magnetism we are heading into, could it be the 'Wave' that has been mentioned before. The Wave is supposed to be an area of increased energy that the solar system is supposed to fly through. BUT, what if the actual Wave isn't increased 'energy', but this magnetism, and as our heliosphere and the various gravity fields of our system interact with the 'ribbon of magnetism' (NASA), it causes unknown energy exchanges that can be very dynamic. Am I close OP?"

And he responds: **Like I said, NASA isn't sure of everything it believes may be happening. Something is happening and many who have the ability to send birds up to look are also trying to figure out just what "is" real.**

When OP said this, without saying 'no', then I was on a mission. So I pushed him: *And, what do you mean 'figure out what "is" real? Do you mean what effects could be possible? Or is there something that they have received data on, but it doesn't quite make sense? So they are sending that new satellite up there to get 'better' measurements...*

He responds: **"real" We have to give a reason which things show up on certain data that gets out on the net.**

This answer was right in line with what I initially proposed, because magnetics and strange particles are difficult to detect and was sure NASA was having a difficult time explaining the data that pertained to this 'mystery'.

Then, OP gives us a HUGE clue. He says: **I am NOT trying to survive a moon crash - that one was funny. Not even an asteroid, because to many variables. I am learning how to adjust to a lack of electrons in house wiring for some time.**

I asked directly after this: *I've got a good question. Is NASA concerned about a near certain event? Or are they more worried because some of these 'secrets' look like they are going to be exposed and their is nothing they can do about it?*

He responds: **Some of both but not why you might think. Everyone at NASA has a family somewhere. They're not a bunch of govt bought robots - they have feelings. They fear what can happen. But they have to pay their bills like all of us. They have to keep money coming into the budget. Many WANT to keep money coming hoping that they can figure out what is fact - and THEN they would LIKE to open up about it..... that's what I hear in the halls - NOT in official conferences. But - it is a very vicious circle folks.**

This, I feel, is more plausible an answer than ANY shill would give!

Directly after this statement, someone posts: *EMP.*

His Response: **Electro MAGnetic Pulse - that's a big concern and now I really have to go. Bye**

Bingo! Now, this answer is REALLY backing up what I proposed about Fluff and the Magnetic Ribbon! Something that wouldn't directly affect Earth, but NASA was concerned about affects to the Sun. Why? Because, according to OP, something is going to cause a massive EMP that could possibly affect the entire globe! Something is going to cause a disturbance on the Sun that will result in solar storms damaging enough to affect the entire Earth! This at a time when Solar Cycle 24 is heading towards MAX!

Things are beginning to click together!

When OP comes back, an AC posts: *I know what the OP is talking about, it has nothing to do with an "event" from the sun as we know it, like a flare or pulse or anything like that. It has to do with a "timeline"*

In short, part of what I know is this, certain features that our sun has displayed is at question. During the monitoring of our sun features in a specific way has manifested in observable events that have taken place many years ago and events that have yet to be.

The process of observing our sun in this specialized way can also be used to monitor other celestial events that have already occurred and those that have yet to occur.

Our sun is fine, however it is the culmination of the results from these observations that are at question.

The question is not one of what but of when.

N4

OP responds: **And i wouldn't put that much time into 'when' Being called back for 1430 bye**

Now we are beginning to see a pattern of the OP's. If we hit an answer properly, he leaves!

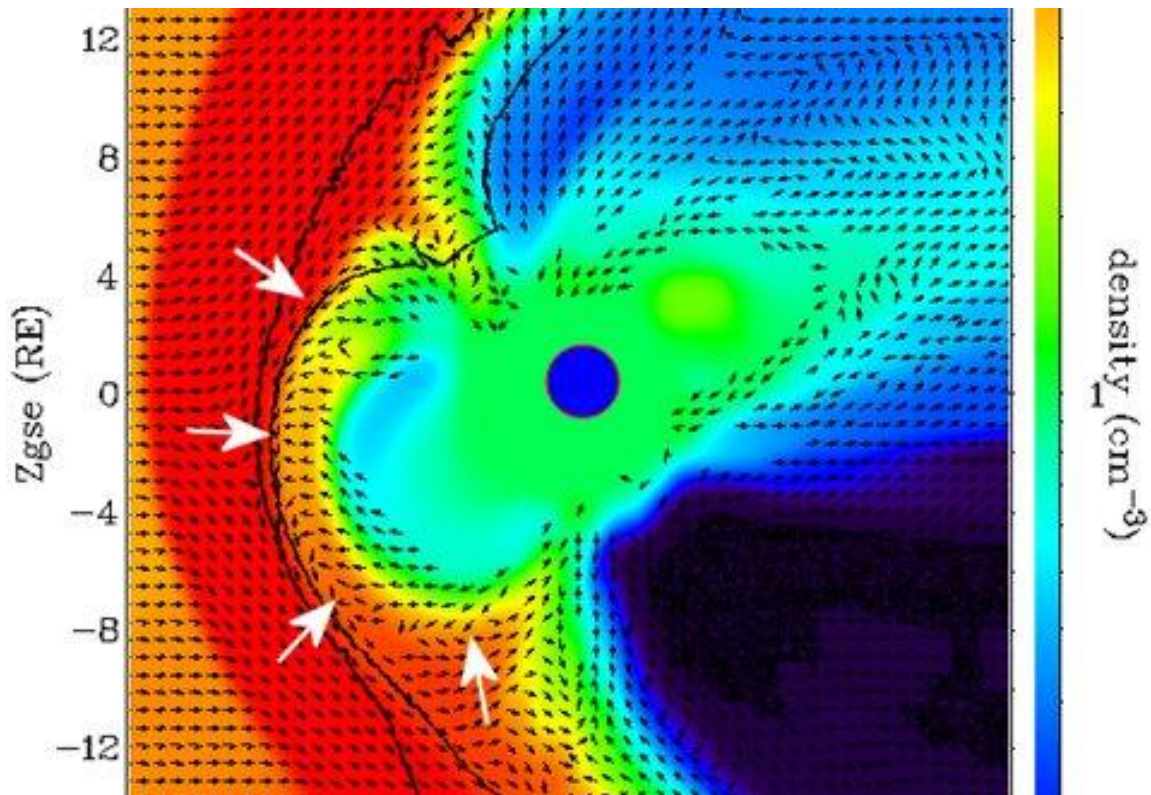
Now, when he comes back, he lets the doom out of the bag: **Again, this is out there. Days. There is a 'domino' effect because of how our electrical grid is designed. It has safeguards which actually take it down - in segments - automatically in order to keep from frying things... but the components of what those automatic systems are supposed to protect are not protected from EMP and/or huge static loads to ground. I'm not an EE so not sure what that means. So when the system trys to protect itself - it can cascade - quickly. But if certain parts of the system get damaged - again this is out there - then it can take years to replace them. Problem is, the companies who make this stuff don't have enough raw materials on hand - right now - to make them all. Some of them don't even have back up power sources.... they are 'commerical' suppliers ! Think about it. Really think about it.**

Then, a few posts later OP comes back with a post concerning preparation: **you're welcome. I've actually said about as much as I can. For us, we are fortunate to have a small place between Houston and Dallas with a few acres. We have a well - hand well and wind mill. I have tools and can work with my hands. I have a few solar panels just to charge some batteries for small conveniences like small led lights at night. Forget much more than that. We have seeds for only a few basic veggies. Think about living in the late 1800's for a while and you'll be on my line of thinking. Is it enough or will it work - I don't know. How soon may it be needed? I don't know and I think anybody who says they do know is pulling our legs - UNTIL about 30-40 hours before it happens. Will an announcement be made? I don't know but I don't think so - too many variables and too much communication to be done with critical agencies to at least TRY to save some stuff. How fast am I working on this? I have been for a year and am nearly finished with what I have 'planned' to try to get together.**

Hope this has been helpful.

Next, we have this awesome exchange between an AC and the OP. First, the AC says: *OP as I understand it two things are occurring. First, something external is affecting our solar system, potentially starting up the sun's solar capacitor and secondly the sun is entering a solar cycle maximum, part of its natural cycle. These two factors could cause EMP type effects, especially when you consider that the earth's magnetosphere has been exhibiting "holes" or breaches in the shield.* (AC is referring to this, which I did a thread on in December of 2008 <http://www.godlikeproductions.com/forum1/message686658/pg1>)

A Giant Breach in Earth's Magnetic Field



http://science.nasa.gov/headlines/y2008/16dec_giantbreach.htm

The AC continues with: *A lot of this has been summarized by several scientists and researchers, some from the University of Colorado. That is publicly available information, however the first factor of an external influence affecting our solar system is not. But when you look at circumstantial evidence, like a ban on information on asteroids and objects entering earth's atmosphere and .gov agencies re-locating offices to higher elevations (CIA moving branches to Denver Colorado) one can get an overall "picture".*

Have you seen any mitigation efforts by .gov agencies regarding older satellites that may be affected by large solar radiation storms?

OP responds: **There IS public speculation out there about something which has a timeline and affects our solar system. But - NASA has not confirmed that they see it. Did I say that right ??? They also don't really know how it 'could' affect our system cause things 'could' happen which would change 'its' timeline - if it exists.**

Old birds aren't saveable. Even shutting them down won't help.

The ban on near earth objects caught many by surprise... many.

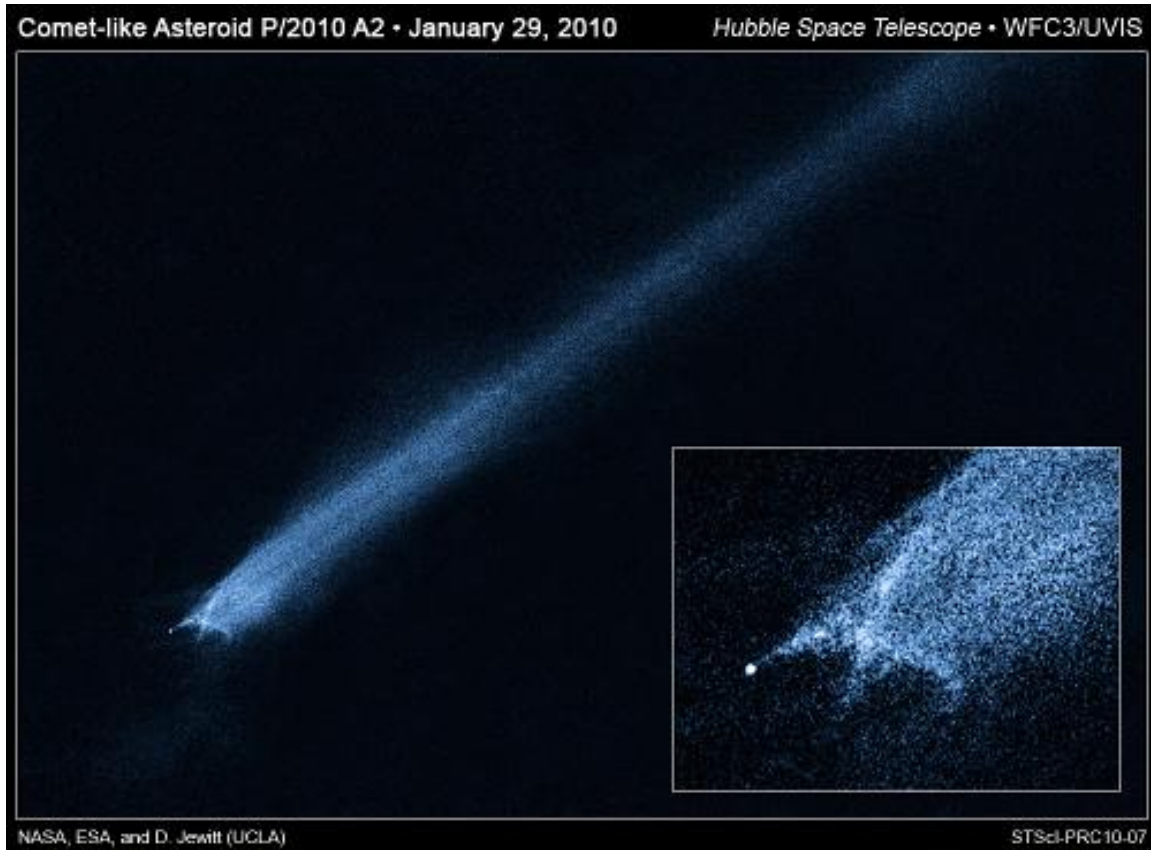
I don't know anything about the CIA... and I don't want to either.

To me, OP is stating that there are other variables involved than just the stuff presented earlier, but he DOES NOT provide any real information about that aspect of the coming event.

He does, however, give tantalizing clues. For example, an AC asks: *Are you referring to P/2010 A2 ????*

OP: **Like i said.**

P/2010 A2



Next, OP confirms that it is NOT something that is going to 'hit' Earth. An AC asks: *This isn't about something hitting earth, it's about the potential of something hitting the sun and what affect that might have on the GRB that will already be high from the solar maximum?*

OP: **Right - it's not about something hitting the Earth.**

And then, again, about timeframe: *OP, you said that you wouldn't put much time onto this, meaning that whatever this is about, it is not supposed to take a long time to happen. But what are we talking about here? Months? A few years?*

Look - I don't know. Not years. Again, this is out there - look at how long the Sun was quiet passed when everyone thought it would be quiet. Like I

said, NASA doesn't always know what it thinks it knows. Look at the 'very public' amount of data being made available by SOHO and other systems which are still up every day on the net. That stuff would not be available if NASA really didn't want the public to have 'the ability to know' what is occurring. It's obvious that something is occurring - and more frequently. That's public info - not necessarily knowledge - but it's info that is there for the seeing and reading.

All I can say.

OP. When you are in on these conference calls, would you say the people are nervous or sounding urgent.

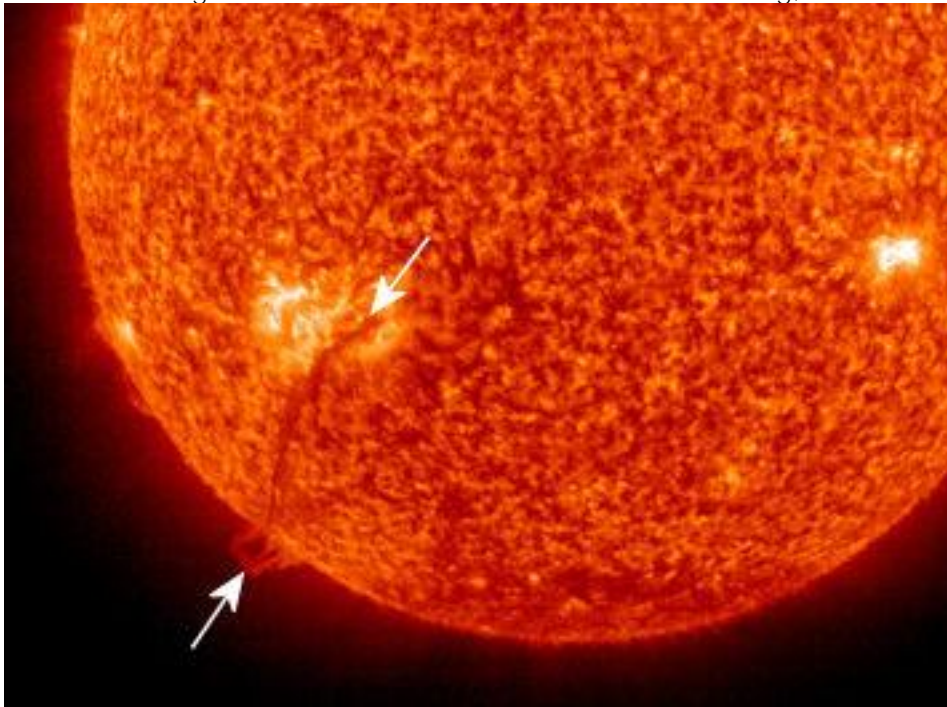
Excellent question.

Recently - urgent. But remember these are scientists and in peer level meetings, especially when cross national, they tend to be more reserved - not always but they try to be.

Then, an AC posts something that gets an exclamation point out of the OP: *OP has it anything to do with the ripples on the sun or the filaments that keep popping up?*

YES !

This is the longest filament ever seen. 1.6 million KM long, or over 1 million miles



This makes sense! So I ask: *Perhaps this is why OP states that what they are viewing they are not sure if it is 'real' or not. They are viewing a black dwarf (cold dwarf) that messes up all their theories.*

And the cold dwarf is interacting with the sun. I bet if we look at the filaments and where they started on the sun, we could triangulate to the vicinity in space where the cold dwarf is. It is pulling the magnetics out from the sun, creating the filaments. That might be why we are seeing so many filaments at this time also... also, the biggest filament ever seen by a gigantic magnitude.

Am I close OP?

OP responds: **Yes. There doesn't have to be anything that close to cause the internal reactions needed to form a filament. That's what I hear. But something is.... like has been said on here many times.**

WTF!?

Then, an AC posts this curiosity: *This is the key. I cannot say who I am but you need to put two things together. An excitable sun + this.*

Voyager Makes an Interstellar Discovery

December 23, 2009: The solar system is passing through an interstellar cloud that physics says should not exist.

My forte is Plasma Deposition.

Which makes me ask: *The Interstellar cloud we are entering (as a solar system) changes a simple model CME discharge event into a more continuous process. The CME will act as a trigger or switch.*

The Intertellar (magnetic cloud) can support a continuous ion flow between "connected" bodies, this phenomena would be orders of magnitude beyond a simple CME discharge.

The magnetic flow (cloud) will make the 'ether' much more conductive, so energy will be flowing like crazy, instead of just merely on the normal currents it flows through now. So it makes the EMP effect, not only massive, but pretty much all consuming. And, due to the solar system being submerged in this magnetic could, it will make the EMPs somewhat continuous. It will be a sustained process as opposed to a CME event.

OP, is the above correct? Is the interstellar magnetic cloud that our solar system is now encountering a relevant part of this puzzle? Does NASA think that cloud will make the sunstorms' effects more severe?

I HIT THE NAIL ON THE HEAD!!!

OP responds: **This is likely going to be my last post. I had a long talk with my wife and family this weekend. For reasons I cannot explain well enough to suit the proof requirements of many here - I have decided that we will be making our move out to our property in June of this year. I will be quitting my job at Boeing - not just leaving without a trace because that would cause folks to want to find out where I had gone.**

This post - is the closest to what I was trying to point to about the solar maximum PLUS other objects which NASA knows will affect our solar

system of, at least, have a damn good chance of doing so. However, since this mass of objects and particles is so out there in distance and spread out so far - there is simply no way to know how much or when they will either affect the Sun - or our planet directly. No way to know. Because of that - no warnings other than articles like this one which point right to a known - potential - serious - problem.

The conferences I hear are between scientists of various fields working at what in 'secret level topics' would be the kindergarden level. That's all I have clearance to hear. If the topic or conversation goes above that - my audio link gets blanked out. Many meetings about this subject we can't hear from the beginning - we just set up the link and monitor on scopes for stability. There are at least 12 levels of clearance above mine - and that's only the ones I know of.

So, long story short, I took some time this weekend and we made a decision. I may be early - by a few months or so... but i don't think so. Posting this thread helped me convince myself that acting was better than reacting. There just won't be enough time when it happens. There isn't a clock on this either but I want to be at our place by end of June.... that's my gut feeling. If I' wrong, then we spend our savings and start over in a few years - no real biggie in light of the difference if I'm right. And I believe I'm right to move by June.

Past that, I don't know what to say folks. Everyone has to take my post and others and form their own decision. From here out, you'll likely only see me post from my iPhone. I know when I turn in my notice they will release me immediately - that's the norm in security sensitive areas.

I will turn in my notice This coming Friday. That will give us time to do lots of things needed before we make the move.

God bless you all - no matter what you think. Trust your instinct - it has always served me well.

HOLY SHIT – That's it then! Felt like I got punched in the gut!

After this, OP left for awhile. It allowed many of us to start really researching the subject and see if it was all plausible.

While doing this research, I got in contact outside of GLP with two people, one of which verified that the OP was who he said he was and had sent me e-mails from OP as further 'proof'.

Then, OP warns us one last time: **Folks - this is it. When I made that statement I had not made this decision. I have decided to move - for the reasons we all fear. I will still try to get on but I will no longer be at Boeing and no longer involved in real time data. This decision IS the only warning I know how to give !!!!**

The earnest research started. I devoted this thread, **The FLUFFY MAGNETIC RIBBON NEMESIS of the ELECTRIC UNIVERSE** to try and validate what the OP's claims were, and everywhere I went, it ALL made sense.

If interested, here are some of the points that I researched which in some way further validates the oncoming event that the OP is warning us about.

MAGNETIC PORTALS CONNECTING THE EARTH and SUN

aka MAGNETIC FLUX TUBES

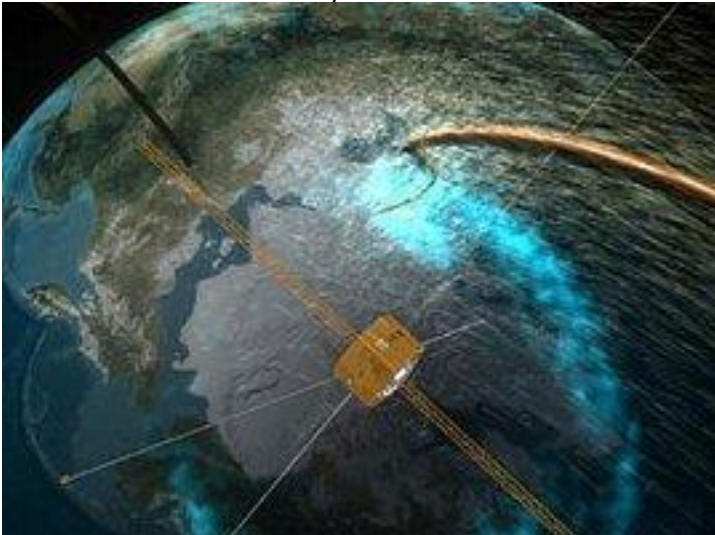
http://science.nasa.gov/headlines/y2008/30oct_ftes.htm

Oct. 30, 2008: During the time it takes you to read this article, something will happen high overhead that until recently many scientists didn't believe in. A magnetic portal will open, linking Earth to the sun 93 million miles away. Tons of high-energy particles may flow through the opening before it closes again, around the time you reach the end of the page.

"It's called a flux transfer event or 'FTE,'" says space physicist David Sibeck of the Goddard Space Flight Center. "Ten years ago I was pretty sure they didn't exist, but now the evidence is incontrovertible."

Indeed, today Sibeck is telling an international assembly of space physicists at the 2008 Plasma Workshop in Huntsville, Alabama, that FTEs are not just common, but possibly twice as common as anyone had ever imagined.

An artist's concept of Earth's magnetic field connecting to the sun's--a.k.a. a "flux transfer event"--with a spacecraft on hand to measure particles and fields.

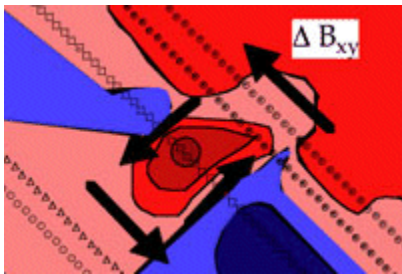


Researchers have long known that the Earth and sun must be connected. Earth's magnetosphere (the magnetic bubble that surrounds our planet) is filled with particles from the sun that arrive via the solar wind and penetrate the planet's magnetic defenses. They enter by following magnetic field lines that can be traced from terra firma all the way back to the sun's atmosphere.

"We used to think the connection was permanent and that solar wind could trickle into the near-Earth environment anytime the wind was active," says Sibeck. "We were wrong. The connections are not steady at all. They are often brief, bursty and very dynamic."

Several speakers at the Workshop have outlined how FTEs form: On the dayside of Earth (the side closest to the sun), Earth's magnetic field presses against the sun's magnetic field. Approximately every eight minutes, the two fields briefly merge or "reconnect," forming a portal through which particles can flow. The portal takes the form of a magnetic cylinder about as wide as Earth. The European Space Agency's fleet of four Cluster spacecraft and NASA's five THEMIS probes have flown through and surrounded these cylinders, measuring their dimensions and sensing the particles that shoot through. "They're real," says Sibeck.

Now that Cluster and THEMIS have directly sampled FTEs, theorists can use those measurements to simulate FTEs in their computers and predict how they might behave. Space physicist Jimmy Raeder of the University of New Hampshire presented one such simulation at the Workshop. He told his colleagues that the cylindrical portals tend to form above Earth's equator and then roll over Earth's winter pole. In December, FTEs roll over the north pole; in July they roll over the south pole.



Sibeck believes this is happening twice as often as previously thought. "I think there are two varieties of FTEs: active and passive." Active FTEs are magnetic cylinders that allow particles to flow through rather easily; they are important conduits of energy for Earth's magnetosphere. Passive FTEs are magnetic cylinders that offer more resistance; their internal structure does not admit such an easy flow of particles and fields. (For experts: Active FTEs form at equatorial latitudes when the IMF tips south; passive FTEs form at higher latitudes when the IMF tips north.) Sibeck has calculated the properties of passive FTEs and he is encouraging his colleagues to hunt for signs of them in data from THEMIS and Cluster. "Passive FTEs may not be very important, but until we know more about them we can't be sure."

There are many unanswered questions: Why do the portals form every 8 minutes? How do magnetic fields inside the cylinder twist and coil? "We're doing some heavy thinking about this at the Workshop," says Sibeck.

Meanwhile, high above your head, a new portal is opening, connecting your planet to the sun.

[/quote]

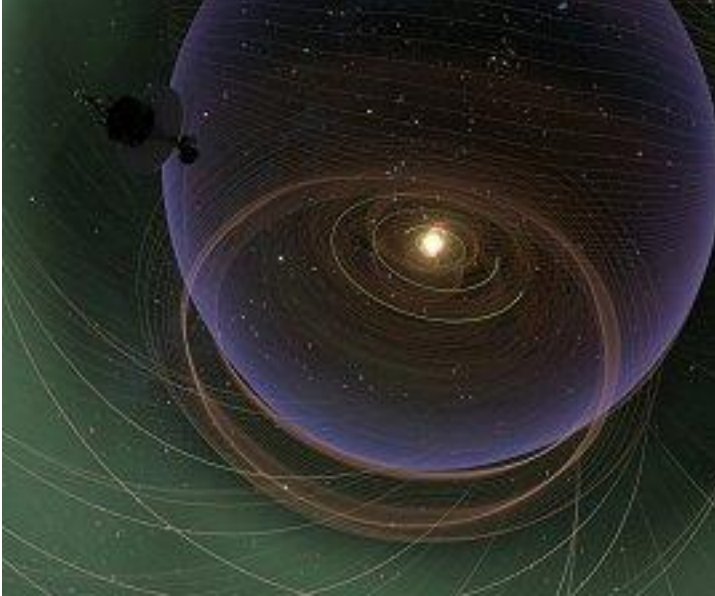
[quote: Sickscent]

WE HAVE DISCOVERED A STRONG MAGNETIC FIELD JUST OUTSIDE THE SOLAR SYSTEM

http://science.nasa.gov/headlines/y2009/23dec_voyager.htm

Voyager Makes an Interstellar Discovery **12.23.2009**

December 23, 2009: The solar system is passing through an interstellar cloud that physics says should not exist. In the Dec. 24th issue of Nature, a team of scientists reveal how NASA's Voyager spacecraft have solved the mystery.



"Using data from Voyager, we have discovered a strong magnetic field just outside the solar system," explains lead author Merav Opher, a NASA Heliophysics Guest Investigator from George Mason University. "This magnetic field holds the interstellar cloud together and solves the long-standing puzzle of how it can exist at all."

Right: Voyager flies through the outer bounds of the heliosphere en route to interstellar space. A strong magnetic field reported by Opher et al in the Dec. 24, 2009, issue of Nature is delineated in yellow. Image copyright 2009, The American Museum of Natural History. [larger image]

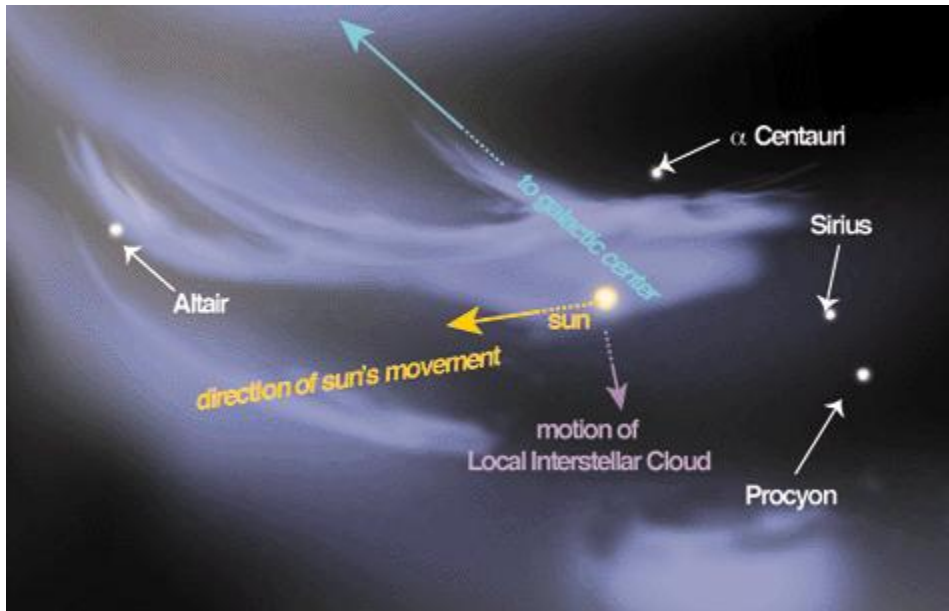
The discovery has implications for the future when the solar system will eventually bump into other, similar clouds in our arm of the Milky Way galaxy.

Astronomers call the cloud we're running into now the Local Interstellar Cloud or "Local Fluff" for short. It's about 30 light years wide and contains a wispy mixture of hydrogen and helium atoms at a temperature of 6000 C. The existential mystery of the Fluff has to do with its surroundings. About 10 million years ago, a cluster of supernovas exploded nearby, creating a giant bubble of million-degree gas. The Fluff is completely surrounded by this high-pressure supernova exhaust and should be crushed or dispersed by it.

"The observed temperature and density of the local cloud do not provide enough pressure to resist the 'crushing action' of the hot gas around it," says Opher.

So how does the Fluff survive? The Voyagers have found an answer.

"Voyager data show that the Fluff is much more strongly magnetized than anyone had previously suspected—between 4 and 5 microgauss*," says Opher. "This magnetic field can provide the extra pressure required to resist destruction."



Above: An artist's concept of the Local Interstellar Cloud, also known as the "Local Fluff." Credit: Linda Huff (American Scientist) and Priscilla Frisch (University of Chicago) [more]

NASA's two Voyager probes have been racing out of the solar system for more than 30 years. They are now beyond the orbit of Pluto and on the verge of entering interstellar space—but they are not there yet.

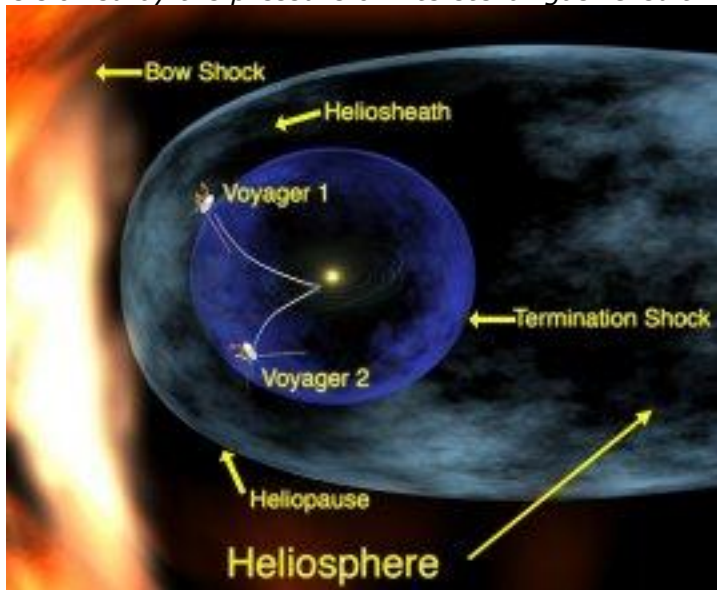
"The Voyagers are not actually inside the Local Fluff," says Opher. "But they are getting close and can sense what the cloud is like as they approach it."

The Fluff is held at bay just beyond the edge of the solar system by the sun's magnetic field, which is inflated by solar wind into a magnetic bubble more than 10 billion km wide. Called the "heliosphere," this bubble acts as a shield that helps protect the inner solar system from galactic cosmic rays and interstellar clouds. The two Voyagers are located in the outermost layer of the heliosphere, or "heliosheath," where the solar wind is slowed by the pressure of interstellar gas.

Voyager 1 entered the heliosheath in Dec. 2004; Voyager 2 followed almost 3 years later in Aug. 2007. These crossings were key to Opher et al's discovery.

Right: The anatomy of the heliosphere. Since this illustration was made, Voyager 2 has joined Voyager 1 inside the heliosheath, a thick outer layer where the solar wind

is slowed by the pressure of interstellar gas. Credit: NASA/Walt Feimer.



The size of the heliosphere is determined by a balance of forces: Solar wind inflates the bubble from the inside while the Local Fluff compresses it from the outside. Voyager's crossings into the heliosheath revealed the approximate size of the heliosphere and, thus, how much pressure the Local Fluff exerts. A portion of that pressure is magnetic and corresponds to the ~ 5 microgauss Opher's team has reported in Nature.

The fact that the Fluff is strongly magnetized means that other clouds in the galactic neighborhood could be, too. Eventually, the solar system will run into some of them, and their strong magnetic fields could compress the heliosphere even more than it is compressed now. Additional compression could allow more cosmic rays to reach the inner solar system, possibly affecting terrestrial climate and the ability of astronauts to travel safely through space. On the other hand, astronauts wouldn't have to travel so far because interstellar space would be closer than ever. These events would play out on time scales of tens to hundreds of thousands of years, which is how long it takes for the solar system to move from one cloud to the next.

"There could be interesting times ahead!" says Opher.

To read the original research, look in the Dec. 24, 2009, issue of Nature for Opher et al's article, "A strong, highly-tilted interstellar magnetic field near the Solar System."

[/quote]

[quote: Anonymous Coward 913938]

THIS IS THE KEY

It's the electromagnetic energy they are keeping an eye on. It WILL affect the sun's cycle. Which, in turn, WILL affect us.

This "wave" is coming!
[/quote]

[quote:Sickscent]

GIANT RIBBON DISCOVERED AT THE EDGE OF THE SOLAR SYSTEM FLUFFY MYSTERY AT EDGE OF SOLAR SYSTEM SOLVED

First, Ribbon article:

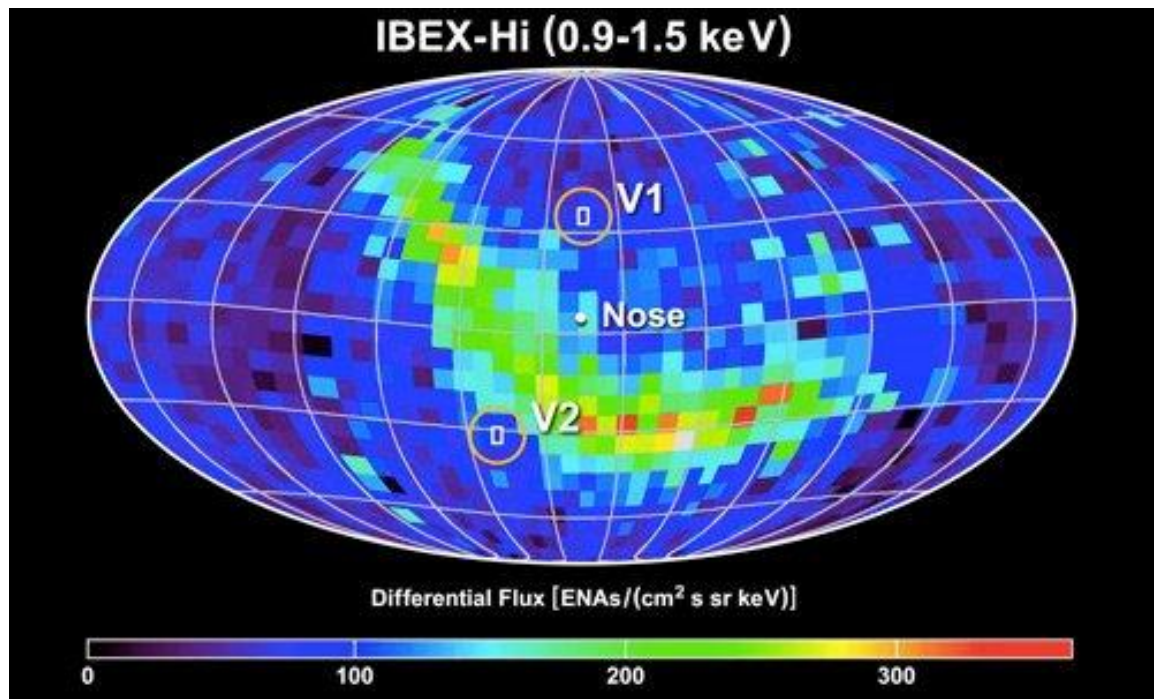
http://science.nasa.gov/headlines/y2009/15oct_ibex.htm

Giant Ribbon Discovered at the Edge of the Solar System 10.15.2009

October 15, 2009: For years, researchers have known that the solar system is surrounded by a vast bubble of magnetism. Called the "heliosphere," it springs from the sun and extends far beyond the orbit of Pluto, providing a first line of defense against cosmic rays and interstellar clouds that try to enter our local space. Although the heliosphere is huge and literally fills the sky, it emits no light and no one has actually seen it.

Until now.

NASA's IBEX (Interstellar Boundary Explorer) spacecraft has made the first all-sky maps of the heliosphere and the results have taken researchers by surprise. The maps are bisected by a bright, winding ribbon of unknown origin:



Above: IBEX's all-sky map of energetic neutral atom emission reveals a bright filament of unknown origin. V1 and V2 indicate the positions of the Voyager spacecraft. [more]

"This is a shocking new result," says IBEX principal investigator Dave McComas of the Southwest Research Institute. "We had no idea this ribbon existed--or what has created it. Our previous ideas about the outer heliosphere are going to have to be revised."

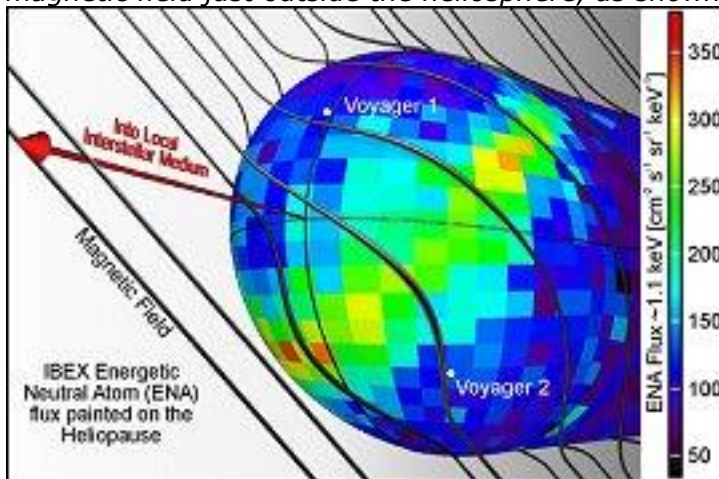
Although the ribbon looks bright in the IBEX map, it does not glow in any conventional sense. The ribbon is not a source of light, but rather a source of particles--energetic neutral atoms or ENAs. IBEX's sensors can detect these particles, which are produced in the outer heliosphere where the solar wind begins to slow down and mix with interstellar matter from outside the solar system.

"This ribbon winds between the two Voyager spacecraft and was not observed by either of them," notes Eric Christian, IBEX deputy mission scientist at NASA's Goddard Space Flight Center. "It's like having two weather stations, but missing the big storm that runs between them."

Unlike the Voyager spacecraft, which have spent decades traveling to the edge of the solar system for in situ sampling, IBEX stayed closer to home. It is in Earth orbit, spinning around and collecting ENAs from all directions. This gives IBEX the unique "big picture" view necessary to discover something as vast as the ribbon.

The ribbon also has fine structure--small filaments of ENA emission no more than a few degrees wide: image. The fine structure is as much of a mystery as the ribbon itself, researchers say.

One important clue: The ribbon runs perpendicular to the direction of the galactic magnetic field just outside the heliosphere, as shown in the illustration at right.



"That cannot be a coincidence," says McComas. But what does it mean? No one knows. "We're missing some fundamental aspect of the interaction between the heliosphere and the rest of the galaxy. Theorists are working like crazy to figure this out."

Understanding the physics of the outer heliosphere is important because of the role it plays in shielding the solar system against cosmic rays. The heliosphere's size and

shape are key factors in determining its shielding power and, thus, how many cosmic rays reach Earth. For the first time, IBEX is revealing how the heliosphere might respond when it bumps into interstellar clouds and galactic magnetic fields.

"IBEX is now making a second all-sky map, and we're eager to see if the ribbon is changing," says McComas. "Watching the ribbon evolve--if it is evolving--could yield more clues."

Stay tuned for updates.

Now for FLUFFY:

<http://www.space.com/scienceastronomy/091223-fluff-solar-system-nasa-voyager.html>

Fluffy Mystery at Edge of Solar System Solved By SPACE.com Staff

posted: 23 December 2009

03:54 pm ET

Our solar system is passing through a cloud of interstellar material that shouldn't be there, astronomers say. And now the decades-old Voyager spacecraft have helped solved the mystery.

The cloud is called the "Local Fluff." It's about 30 light-years wide and holds a wispy mix of hydrogen and helium atoms, according to a NASA statement released today. Stars that exploded nearby, about 10 million years ago, should have crushed the Fluff or blown it away.

So what's holding the Fluff in place?

"Using data from Voyager, we have discovered a strong magnetic field just outside the solar system," explained Merav Opher, a NASA Heliophysics Guest Investigator from George Mason University. "This magnetic field holds the interstellar cloud together ["The Fluff"] and solves the long-standing puzzle of how it can exist at all."

The Fluff is much more strongly magnetized than anyone had previously suspected," Opher said. "This magnetic field can provide the extra pressure required to resist destruction."

Opher and colleagues detail the discovery in the Dec. 24 issue of the journal Nature.

NASA's two Voyager probes have been racing out of the solar system for more than 30 years. They are now beyond the orbit of Pluto and on the verge of entering interstellar space. During the 1990s, Voyager 1 became the farthest manmade object in space.

The Voyager craft, racing in opposite directions, have revealed among other things that the bubble around our solar system is squashed.

"The Voyagers are not actually inside the Local Fluff," Opher said. "But they are getting close and can sense what the cloud is like as they approach it."

The Fluff is held at bay just beyond the edge of the solar system by the sun's magnetic field, which is inflated by solar wind into a magnetic bubble more than 6.2 billion miles wide (10 billion km). Called the "heliosphere," this bubble protect the inner solar system from galactic cosmic rays and interstellar clouds. The two Voyagers are located in the outermost layer of the heliosphere, or "heliosheath," where the solar wind is slowed by the pressure of interstellar gas.

Voyager 1 entered the heliosheath in December 2004. Voyager 2 followed in August 2007. These crossings provided key data for the new study.

Other interstellar clouds might also be magnetized, Opher and colleagues figure. And we could eventually run into some of them.

"Their strong magnetic fields could compress the heliosphere even more than it is compressed now," according to NASA. "Additional compression could allow more cosmic rays to reach the inner solar system, possibly affecting terrestrial climate and the ability of astronauts to travel safely through space."

[/quote]

[quote: Xenus]

Sept. 23, 2009 -- A small rocket blasted off from Virginia this weekend, carrying nothing. But the launch was carefully timed so the motor's final burst would release 200 pounds of aluminum oxide -- the white, powdery material left behind on rusting aluminum -- **into the ionosphere.**

The result: **a magnificent cloud at the edge of space that scientists used to learn more about electrically charged dust particles, a phenomenon that plays a role in fields as diverse as semiconductor manufacturing to the study of Saturn's rings.**

"There's a lot of different dusty plasmas around," said Paul Bernhardt, a physicist at the Naval Research Laboratory in Washington, D.C., who heads the science team for the Charged Aerosol Release Experiment, known as CARE.

The artificial cloud hovered about 173 miles above Earth, where it was tracked by an array of ground-based radars, as well as an instrument aboard a military research satellite known as STPSat-1.

Scientists plan to use the data to learn more about the physics of charged particles. The studies also may shed light on naturally occurring high-altitude clouds, known as **nocticulent** or night-shining clouds, which puzzle researchers by their strong radar reflectivity.

"We're looking at the physical properties that cause radar to scatter there," said Virginia Tech researcher Wayne Scales.

"There is a possibility that we can look at the radar scatter (of the artificial cloud) and infer some useful radar characteristics that would tell us something about the natural dust layer, particle size and density," he said.

Scientists have noted an increase in the number of naturally occurring nocticulent clouds over the past decade and speculate that it might be due to changes in Earth's climate.

"This is a diagnostic tool," said Bernhardt. "Launching rockets is expensive. If you can sit on the ground with your radar, day after day, making profiles, that's great, but then you have to know what it means; how many electrons are there; what is the density of the dust; what's the air flow.

"A lot of times we push ourselves outside the normal environment to see if we really understand what's going on," he added.

<http://dsc.discovery.com/news/2009/09/23/artificial-cloud.html>

Proof of space weather events affecting Earth's weather!

<http://www.godlikeproductions.com/forum1/message887252/pg1>

WASHINGTON -- Scientists announced Wednesday the discovery of a previously unidentified nearby source of high-energy cosmic rays. The finding was made with a NASA-funded balloon-borne instrument high over Antarctica.

Researchers from the Advanced Thin Ionization Calorimeter (ATIC) collaboration, led by scientists at Louisiana State University, Baton Rouge, published the results in the Nov. 20 issue of the journal Nature. The new results show an unexpected surplus of cosmic ray electrons at very high energy -- 300-800 billion electron volts -- that must come from a previously unidentified source or from the annihilation of very exotic theoretical particles used to explain dark matter.

*"This electron excess cannot be explained by the standard model of cosmic ray origin," said John P. Wefel, ATIC project principal investigator and a professor at Louisiana State. **"There must be another source relatively near us that is producing these additional particles."***

According to the research, this source would need to be within about 3,000 light years of the sun. It could be an exotic object such as a pulsar, mini-quasar, supernova remnant or an intermediate mass black hole.

"Cosmic ray electrons lose energy during their journey through the galaxy," said Jim Adams, ATIC research lead at NASA's Marshall Space Flight Center in Huntsville, Ala. "These losses increase with the energy of the electrons. At the energies measured by our instrument, these energy losses suppress the flow of particles from distant sources, which helps nearby sources stand out."

The scientists point out, however, that there are few such objects close to our solar system.

"These results may be the first indication of a very interesting object near our solar system waiting to be studied by other instruments," Wefel said.

An alternative explanation is that the surplus of high energy electrons might result from the annihilation of very exotic particles put forward to explain dark matter. In recent decades, scientists have learned that the kind of material making up the universe around us only accounts for about five percent of its mass composition. Close to 70 percent of the universe is composed of dark energy (so called because its nature is unknown). The remaining 25 percent of the mass acts gravitationally just like regular matter, but does little else, so it is normally not visible.

The nature of dark matter is not understood, but several theories that describe how gravity works at very small, quantum distances predict exotic particles that could be good dark matter candidates.

"The annihilation of these exotic particles with each other would produce normal particles such as electrons, positrons, protons and antiprotons that can be observed by scientists," said Eun-Suk Seo, ATIC lead at the University of Maryland, College Park.

The 4,300-pound ATIC experiment was designed to be carried to an altitude of about 124,000 feet above Antarctica using a helium-filled balloon about as large as the interior of the New Orleans Superdome. The goal was to study cosmic rays that otherwise would be absorbed into the atmosphere.

ATIC is an international collaboration of researchers from Louisiana State University, the University of Maryland, Marshall Space Flight Center, Purple Mountain Observatory in China, Moscow State University in Russia and the Max-Planck Institute for Solar System Research in Germany. ATIC is supported in the United States by NASA and flights are conducted under the auspices of the Balloon Program Office at NASA's Wallops Flight Facility in Virginia by the staff of the Columbia Scientific Balloon Facility. Antarctic logistics are provided by the National Science Foundation.

http://www.nasa.gov/home/hqnews/2008/nov/HQ_08-301_ATIC_paper.html

What is the source of all these Cosmic Ray spikes/anomalies lately? NASA answers but with more questions!

<http://www.godlikeproductions.com/forum1/message765654/pg1>

THE FOLLOWING IS A PRESS RELEASE FOR DISTRIBUTION FROM THE 2000 Electric-Plasma Universe Workshop, Beaverton, OR.

IMMENSE FLOWS OF CHARGED PARTICLES DISCOVERED BETWEEN THE STARS

BEAVERTON, OR.--A plasma scientist and a radio astronomer announced the discovery of charged particle flows in interstellar space at the 1999 International Conference on Plasma Science in Monterey, California. The discovery culminated decades of speculation and debate whether or not electricity existed on the scale of hundreds of thousands of light years in the interstellar space between the stars.

According to Anthony Peratt, Scientific Advisor to the United States Department of Energy and a plasma researcher at Los Alamos National Laboratory in New Mexico, the discovery was made by computer analyzing large amounts of data gathered by radio telescopes from regions in space known to be

occupied by 'neutral clouds of hydrogen.' The data was processed and the results obtained by radio astronomer Gerrit Verschuur, Physics Department, University of Memphis. Verschuur found that the 'neutral hydrogen clouds' were not completely a neutral gas of hydrogen and other elements, but rather consisted of charged particles of electrons and ions, called 'plasma.'

The name plasma as applied to charged particles was borrowed from blood-plasma by Nobel laureate Irving Langmuir in 1923 because the particles interacted collectively in a lifelike manner in his laboratory experiments. "Verschuur analyzed nearly two thousand clouds, principally from the Arecibo radio telescope in Puerto Rico, but also from other radio telescopes scattered around the globe," said Peratt. **Verschuur had previously found, under high resolution computer processing, that the 'clouds' were not clouds at all but were instead filaments of material which twisted and wound like helices over enormous distances between the stars.**

Peratt said that the filaments between the stars are not visible themselves but are observable with radio telescopes that can observe space at much longer wavelengths than are visible to the human eye. **Prof. Per Carlqvist, a researcher at the Royal Institute of Technology in Stockholm, estimated that the interstellar filaments found by Verschuur conducted electricity with currents as high as ten-thousand billion amperes.**

"The individual filaments in space are often called Z-pinches. These Z-pinches occur when current-carrying plasma 'pinches' itself into a filament by a magnetic field the current produces around the plasma. Z-pinches, such as those produced on the Sandia National Laboratories 'Z' machine, are among the most prolific producers of X-rays known," cited Peratt.

The United States Department of Energy funded Z-machine at Sandia has surprised the scientific community during the last few years by breaking all records in the production of high intensity X-rays from wire filaments converted into plasmas by million-volt pulses. **Such filaments have already been discovered in our own solar system. For example, the aurora on Earth is known to be caused by million ampere currents flowing down the Earth's magnetic field lines at the northern and southern poles while similar were found by planetary explorer spacecraft to connect the planet Jupiter with its closest satellite Io.**

That such currents existed on a much larger scale outside the solar system and beyond the reach of spacecraft has been a topic of conjecture among astronomers and space plasma scientists. According to Igor Alexeff, President of the Nuclear and Plasma Sciences Society, "It's not unusual that neutral hydrogen in space should show such well organized current structures; plasma also acts in a lifelike and intelligent way in laboratory experiments and in naturally occurring plasmas such as lightning."

Plasma scientists have long known that 99.999 percent of all observable matter in the universe is matter in the plasma state, often referred to as the fourth, or fundamental, state of matter. In contrast to the first three states of matter most familiar to us on Earth: gases, liquids, and solids; plasmas generate and react strongly to electromagnetic fields. Plasmas are also prodigious producers of electromagnetic radiation. The Sun is a plasma, as are all of the stars and

interstellar space, although for the latter, it was thought that the plasma was quite tenuous and spread out until the discovery of the filaments.

On Earth plasma exists in the form of lightning, fluorescent bulbs, flames, the flow of currents in conductors and semiconductors, and the aurora. The earth actually is encased in a protective shell of plasma called the ionosphere and magnetosphere, shielding life from high-energy cosmic and other electromagnetic rays from space.

The discovery was called "Exciting," by S. T. Lai, a researcher at the Air Force Research Laboratory in Hanscom, MA. Lai, an authority on a phenomena called "critical ionization velocity," who noted that the data fell precisely where predicted by the late physics Nobel laureate Hannes Alfvén (1908-1995), who in his theory about the origin of planets in 1942, calculated that if a neutral cloud in space fell through a magnetized plasma, the neutral gas would itself become ionized at discrete velocities.

Alfvén predicted that the signature of his plasma theory in space would be the observation of filaments and his discrete velocities. Alfvén calculated that the critical velocity of all the elements in the periodic table could be grouped into just four velocity bands, the first at 51 kilometers per second from hydrogen, the second at 34 kilometers per second from helium, the third centered around 14 kilometers per second from oxygen, neon, and carbon, and a fourth centered around 6 kilometers per second from calcium, sodium, and other heavy elements. "The observed data show precisely these velocities," remarked Peratt. "Discrete velocity components are seen 51, 32, 14, and 5 kilometers per second. Moreover the lines cascade from higher velocity to lower velocity, as they must as the radiotelescope is sighted closer to a filament according to the theory," he said.

M. Garcia, a physicist and electrical engineer at Lawrence Livermore National Laboratory and C. Chan, director of the Plasma Science Laboratory at Northeastern University suggested the possibility of using new high-power laser and generator facilities at the National Laboratories to further study the filamentation processes and critical velocity effects occurring in the interstellar medium. In any event, a consensus that space is far more electric than earlier imagined suggests a revision of our understanding physical processes in space as far ranging as the formation of planets to the sources of high energy particles and radiation.

*"Electrical currents seem to play a significant role," concluded Peratt. A full description of the discovery will appear in the September 1999 issue of the *Astronomical Journal* and the December 2000 issue of the *IEEE Transactions on Plasma Science*.*

<http://web.archive.org/web/20071014182240/http://plasmascience.net/tpu/CIV.htm>

|

I have a lot of information to share, but most of it is already on my other threads, I will keep things to just plasma here. The night before the Norway spiral I came across this;

<http://www.scribd.com/doc/14145750/Anthony-Peratt-Characteristics-for-the-Occurrence-of-a-HighCurrent-ZPinch-Aurora-as-Recorded-in-Antiquity>

Dr. Anthony L. Perrat's paper regarding auroral events and ancient humans. Very interesting. See thread here;

<http://www.godlikeproductions.com/forum1/message939533/pg1>

On the day of the spiral in Norway, I emailed him, not really expecting an answer. These are the replies I got.

An email reply from Dr. Perrat.

Regarding plasma/aurora phenomena over Norway.

*>Hi, just a couple of days ago I came across your paper
>Characteristics for the Occurrence of a HighCurrent ZPinch Aurora as
>Recorded in Antiquity, it was fascinating and I was just wondering
>if th[at] was indeed one of the plasma phenomena as seen in the
>petroglyphs found all over the world. The timing of such an event
>could not have been any weirder, since I had only just found your
>paper. I would also like to know if you think this was natural or
>man made? I am curious to see if this "anomaly" was due to EISCAT
>research centre or if indeed it is caused by cosmic ray flux or some
>other kind of space event.*

This event was natural and occurs when two Birkeland currents interact, usually around 300 -500 km above Earth. Birkeland currents most often occur in pairs because of the 1/r attractive force between them.

This is not an EISCAT heating phenomena.

Second reply.

Today we have only very weak auroras in the upper ionosphere. In the past, as NASA's THEMIS satellites have discovered, they were a million-million times more energetic and located say, 1 million km from Earth. Petroglyphs are pictures of these, we know, from thermonuclear explosion pictures underground and very high energy experiments in canyons. Also, from supercomputer modeling.

(I have to insert my question here for this to make sense)

And one last thing, given the rise in cosmic ray flux recently and the drop in strength of the Interplanetary Magnetic Field, can we expect more of these types of events in the future?

No, the cosmic flux will not change anything but dense plasma entering the solar system, as is now happening, will.

A dusty plasma is a plasma containing nanometer or micrometer-sized particles suspended in it. Dust particles may be charged and the plasma and particles behave as a plasma,[1][2] following electromagnetic laws for particles up to about 10 nm (or 100 nm if large charges are present). Dust particles may form larger particles resulting in "grain plasmas".

Dusty plasmas are encountered in:

Industrial processing plasmas
Space plasmas

Dusty plasmas are interesting because the presence of particles significantly alters the charged particle equilibrium leading to different phenomena. It is a field of current research. Electrostatic coupling between the grains can vary over a wide range so that the states of the dusty plasma can change from weakly coupled (gaseous) to crystalline. Such plasmas are of interest as a non-Hamiltonian system of interacting particles and as a means to study generic fundamental physics of self-organization, pattern formation, phase transitions, and scaling.

The temperature of dust in a plasma may be quite different from its environment.

The electric potential of dust particles is typically 1–10 V (positive or negative). The potential is usually negative because the electrons are more mobile than the ions. The physics is essentially that of a Langmuir probe that draws no net current, including formation of a Debye sheath with a thickness of a few times the Debye length. If the electrons charging the dust grains are relativistic, then the dust may charge to several kilovolts [1]. Field electron emission, which tends to reduce the negative potential, can be important due to the small size of the particles. The photoelectric effect and the impact of positive ions may actually result in a positive potential of the dust particles.

http://en.wikipedia.org/wiki/Dusty_plasma

<http://www.godlikeproductions.com/forum1/message960008/pg1>

[/quote]

[quote: Xenus]

PLASMA, its importance and why you should know about it.

<http://www.godlikeproductions.com/forum1/message959919/pg1>

Article which came out on December 23, 2009;

The solar system is passing through an interstellar cloud that physics says should not exist. In the Dec. 24th issue of *Nature*, a team of scientists reveal how NASA's *Voyager* spacecraft have solved the mystery.

Astronomers call the cloud we're running into now the Local Interstellar Cloud or "Local Fluff" for short. It's about 30 light years wide and contains a wispy mixture of hydrogen and helium atoms at a temperature of 6000 C. The existential mystery of the Fluff has to do with its surroundings. About 10 million years ago, a cluster of supernovas exploded nearby, creating a giant bubble of million-degree gas. The Fluff is completely surrounded by this high-pressure supernova exhaust and should be crushed or dispersed by it.

"The observed temperature and density of the local cloud do not provide enough pressure to resist the 'crushing action' of the hot gas around it," says Opher.

So how does the Fluff survive? The Voyagers have found an answer.

"Voyager data show that the Fluff is much more strongly magnetized than anyone had previously suspected—between 4 and 5 microgauss," says Opher. "This magnetic field can provide the extra pressure required to resist destruction."*

"There could be interesting times ahead!" says Opher.

http://science.nasa.gov/headlines/y2009/23dec_voyager.htm

Of course they will not tell you the whole truth and they mix in words like fluff and wispy, to calm you and dismiss the whole thing. NASA KNOW this is a dense plasma.

Sept. 7, 1999: As photographed from space, the Earth looks like it is floating in a black void. But, unseen by our eyes and most cameras, the Earth is actually surrounded by a complex system of interacting electric and magnetic fields, electric currents and charged particles called the magnetosphere.

The magnetosphere provides a barrier between our planet and particles continually given off by the Sun's corona called the "solar wind." These particles constitute a plasma - a mixture of electrons (negatively charged) and ions (atoms that have lost electrons, resulting in a positive electric charge).

Plasma is not a gas, liquid, or solid - it is the fourth state of matter. Plasma often behaves like a gas, except that it conducts electricity and is affected by magnetic fields. On an astronomical scale, plasma is common. The Sun is composed of plasma, fire is plasma, fluorescent and neon lights contain plasma.

"99.9 percent of the Universe is made up of plasma," says Dr. Dennis Gallagher, a plasma physicist at NASA's Marshall Space Flight Center. "Very little material in space is made of rock like the Earth."

The plasma of the magnetosphere has many different levels of temperature and concentration. The coldest magnetospheric plasma is most often found in the plasmasphere, a donut-shaped region surrounding the Earth's middle. But plasma from the plasmasphere can be detected throughout the magnetosphere because it gets blown around by electric and magnetic forces.

The plasmasphere extends out to as little as 2 to 3 Earth radii and, under quiet conditions on the evening side, perhaps more than 6 Earth radii. (Because conditions in space constantly vary and regions never have exact boundaries, plasma physicists measure the plasmasphere relative to the size of Earth: 4,000 miles [6,400 km] is about one Earth radius.) The extent of the plasmasphere depends on space weather activity. High levels of activity erode the plasmasphere; long periods of quiet allow the plasmasphere to expand.

http://science.nasa.gov/newhome/headlines/ast07sep99_1.htm

[/quote]

http://www.youtube.com/watch?v=8z97i3FBhSs&feature=player_embedded

[quote: Anonymous Coward 913938]

THIS IS THE KEY

It's the electromagnetic energy they are keeping an eye on. It WILL affect the sun's cycle. Which, in turn, WILL affect us.
This "wave" is coming!

Question: What is 'The Wave' you are referencing? The fluff, or the magnetics at the heliosheath?

It's both! The fluff is the physical aspect of the energy.
[/quote]

[quote: Anonymous Coward 913938]
"The magnetosphere provides a barrier between our planet and particles continually given off by the Sun's corona called the "solar wind." These particles constitute a plasma - a mixture of electrons (negatively charged) and ions (atoms that have lost electrons, resulting in a positive electric charge)."

Giant Breach in Earth's Magnetosphere:

http://science.nasa.gov/headlines/y2008/16dec_giantbreach.htm

[/quote]

[quote: Sickscent]

For somewhat relevant information, here is 2cents thread on **Breaking: Four Comets Have Impacted the Sun In Just 48 Hours Causing Huge "Outburst" on Sun**

<http://www.godlikeproductions.com/forum1/message1010980/pg1>

[/quote]

[quote: Sickscent]

Here are the 2 links to SOFIA. It is one of the items old OP pointed us towards.

<http://www.sofia.usra.edu/>

http://www.nasa.gov/mission_pages/SOFIA/index.html

[/quote]

[quote: Sickscent]

A nice quote from the other thread:

There was a warning on the conspiracy sites a few years ago that said to watch for the ISS being evacuated, that was the beginning of TSHTF. Also, the Shuttle program is ending

That makes alot of sense. The recent canceling of the shuttle program fits well into this hypothesis. So does:

- * *The recent instability of the Sun*
- * *The recent announcement by the scientific community that it is now taking the Nemesis theory seriously*
- * *The recent discovery of the Interstellar magnetized cloud surrounding our solar system*
- * *The recent global warming observed on Earth, Mars, Jupiter, Saturn, and Pluto*
- * *The increase in space debris in our solar system, and all the collisions with Jupiter and other planets lately*
- * *The Vatican suddenly getting real interested in astronomy and getting their own observatories*

I'm also inclined to think that other recent space anomalies might also have something to do with this, such as :

- * *All the activity with satellites lately, new nations sending them up for the first time (Iran and NK), old nations shooting their own down (China and the USA), and satellites running into each other*
- * *And of course the Norway Spiral*

[/quote]

[quote: Anonymous Coward 913938]

In its first six weeks of observations, it has discovered 16 previously unknown asteroids with orbits close to Earth's. Of these, 55 per cent reflect less than one-tenth of the sunlight that falls on them, which makes them difficult to spot with visible-light telescopes. One of these objects is as dark as fresh asphalt, reflecting less than 5 per cent of the light it receives.

WISE is doing what they hoped.

<http://www.newscientist.com/article/dn18616-dark-dangerous-asteroids-found-lurking-near-earth.html>

[/quote]

[quote: Anonymous Coward 8398]

THIS IS THE KEY

This is the key.

I cannot say who I am but you need to put two things together.

An excitable sun + this.

Voyager Makes an Interstellar Discovery

December 23, 2009: The solar system is passing through an interstellar cloud that physics says should not exist.

My forte is Plasma Deposition.

=====

If I can, I will answer questions about the mechanism of event progression.

Please elaborate

The Interstellar cloud we are entering (as a solar system) changes a simple model CME discharge event into a more continuous process.

The CME will act as a trigger or switch.

The Intertellar (magnetic cloud) can support a continuous ion flow between "connected" bodies, this phenomena would be orders of magnitude beyond a simple CME discharge.

Holy crap! What an awesome thought!

Let me get this straight what you are proposing:

The magnetic flow (cloud) will make the 'ether' much more conductive, so energy will be flowing like crazy, instead of just merely on the normal currents it flows through now. So it makes the EMP effect, not only massive, but pretty much all consuming. And, due to the solar system being submerged in this magnetic could, it will make the EMPs somewhat continuous.

Wow!

Very simplistically yes. It will be a sustained process as opposed to a CME event. I won't post again here... it is like trying to discuss the theory of relativity while being covered in chimps.

For those that know me I will be keeping an informational thread going at my site.

(Anonymous Coward 839443)

Did anyone figure out who this is? He is the one with the information that OP thought was most important. Apparently he also has a web site Can anyone figure his clue out? He leaves more initials in another post ...

I think this is him.

<http://mikephilbin.blogspot.com/>
[/quote]

[quote: Anonymous Coward 916665]
: too_sad:
[/quote]

[quote: Anonymous Coward 323774]
<http://mikephilbin.blogspot.com/2010/03/solar-storm-warning-2010-emp-attack.html>

This is the above blog's reference to emp solar storm... At least we know Mike Philbin has been on this web site, even if he's not the I hate the chimps guy ...
[/quote]

[quote: Anonymous Coward 8398]

Here are the 2 links to SOFIA. It is one of the items old OP pointed us towards.

<http://www.sofia.usra.edu/>

http://www.nasa.gov/mission_pages/SOFIA/index.html

Sickcent,

Email me - poster8398@hotmail.com

Confirm you email address here. You will have to deal with any spammers you might get.
[/quote]

[quote: Xenus]

I think the summary in this thread was good already. Current mainstream/accepted scientific theories do not allow us to understand what IBEX has found, all they know is there's a high energy, high density plasma streaming into our solar system past the weakened magnetic field of the sun (heliosphere). Why do they insist on calling plasma ENA? Is it because the overall charge of the plasma is balanced and therefore considered neutral? Accelerated CHARGED particles make up the majority of the solar wind (a low density plasma) and the interstellar wind should be the same, just different density temperature/energy and composition.

<http://www.youtube.com/watch?v=mTnwjd8CF1c>

Regardless of the exact composition and characteristics of the plasma we know that it's already caused an increase in cosmic rays dramatically in the past few years, compressed the sun's magnetic field to 50% of what it was 20 years ago, altered the sun's behaviour contrary to our predictions and models and (lack of) understanding. Our changing climate, extreme weather etc are all caused by something, remember cause and effect?

If "climate change" is not the result of human actions, at least directly, then the cause must be from space or within the Earth. Considering there is plasma (molten rock and metal aka lava) within the Earth it would suggest a connection to plasma that surrounds us. And according to Anthony L. Perrat as I posted in the emails (plasma physicist in Los Alamos Nuclear facility) a dense plasma has already entered our solar system.

Understand plasma or not, it's there and makes up 99.99% of the visible universe, matter as we know it, solids, liquids and gases, are only a fraction of .1%, an anomaly.
[/quote]

[quote: Xenus]
From my plasma thread.

Background

Extending from the top of the middle atmosphere to some hundreds of kilometers into space is the Earth's upper atmosphere (Figure 1.2) and its embedded **ionosphere. This tenuous layer of neutral and charged particles shields the human habitat from high energy solar radiation and particles, enables part of the extensive communication network on which society increasingly relies, and is the medium in which thousands of spacecraft now orbit.** *Unlike the relatively placid lower atmosphere, the upper atmosphere is a region of extreme spatial and temporal variability, constantly agitated by solar radiative and auroral forcings. Driving the processes that at any instant define the physical state of the upper atmosphere and ionosphere is the solar radiation at wavelengths less than about 180 nm. Many of the region's continually changing physical phenomena derive directly or indirectly from changes in this radiation and from the impact of energetic particles channeled into the upper atmosphere at high latitudes via the Earth's magnetic field.*

While solar variability exerts a dominating influence on the Earth's upper atmosphere, any direct effect on the biosphere appears to be more subtle than that exerted by solar forcing of the middle and lower atmospheres. The fact that the highly variable upper atmosphere is coupled to the middle atmosphere through chemical, radiative, and dynamical mechanisms, and to the troposphere through the global electric circuit, cannot be ignored. Understanding how the upper atmosphere varies naturally, and how it may be affected by human activities, is necessary from a societal and economic perspective because of the critical role played by the upper atmosphere in communications, navigation, national defense, and a wide assortment of space related endeavors, including the presence of humans in space.

Furthermore, current modeling studies indicate that the upper atmosphere may itself be sensitive to global change caused by human activities.

http://www.nap.edu/openbook.php?record_id=4778&page=73

The information is out there just in many many pieces with different terms and viewpoints all trying to describe something we don't understand because we like to divide and dissect things in order to understand it, find how the parts work together in the whole and we do this in segregated and compartmentalized groups.

Electromagnetic Radiation/energy excites matter, doesn't this excite you? When everyone finally understands that something is happening maybe then we can start to work out what... Instead of blindly following beliefs and assuming you know, try thinking based upon what we do know.

quote:Sickscent]

Xenus, can you provide a link where the high density plasma streaming into our solar system past the weakened magnetic field of the sun (heliosphere)? The reason I am asking for it is that I haven't found that to be shown yet. Nowhere have I seen in the articles state that this phenom has actually penetrated the heliosphere. If it truly has, from a scientific article, it is a HUGE finding.

Also, can you show where you equate ENA particles to plasma. I don't understand the exact science of this plasma yet. Is it due to its temp of 6000K? Does that form a plasma when particles are at that temp?

At those temperature/energy levels matter can ONLY exist as a plasma.

<http://www.godlikeproductions.com/forum1/message959919/pg1>

I created this thread to explain in the most simplest terms what a plasma is, there's a few resources there for the not so scientifically inclined.

[/quote]

[quote:Xenus]

THEMIS satellite has shown us that we're connected to the sun... I posted about it a few times but I guess no one was interested last year. >_<

*[i]We rely on the Sun's energy to live on Earth and the **aurora relies on the Sun's energy to drive the currents that make the aurora.** The Sun is our nearest star. It is, as all stars are, a hot ball of gas made up mostly of Hydrogen. **The Sun is so hot that most of the gas is actually plasma, the fourth state of matter.***

The first state is a solid and it is the coldest state of matter. As we heat up a solid it becomes liquid. Liquid is the second state of matter. As we heat up liquid, the liquid turns to gas. Gas is the third state of matter. As we heat up the gas, atoms break apart into charged particles turning the gas into plasma. This is not the same type of plasma that is found in your blood: same name, different stuff.

*The Sun's plasma is so hot that the most energetic charged particles can escape from the Sun's gravity and fly away, out into space. **We call this plasma the solar***

wind because it blows out away from the Sun and past the planets, interacting with their magnetic fields and/or atmospheres. Along with the solar wind comes the Sun's magnetic field, which reaches from the Sun out to past Pluto and Neptune.

Charged particles and magnetic fields influence each other. So when the solar wind, which is made up of charged particles, blows past Earth's magnetosphere, the shape of the magnetic field changes from the dipole magnetic field -- shown on Earth's Magnetosphere page -- to a plasma-swept magnetosphere that looks more like someone's hair got blown in the wind. This interaction between the Sun's plasma wind and Earth's magnetosphere is known as the Sun-Earth Connection.

The side of the magnetosphere getting hit by the solar wind is called the "dayside magnetosphere" because it is facing the Sun. The part of the magnetosphere that stretches back as though it were streaming with the solar wind is called the magnetotail. The magnetotail is very important to the THEMIS mission.

The every day interaction between the solar wind and Earth's magnetic fields causes currents to flow between Earth's upper atmosphere and the magnetosphere, mostly the magnetotail. **And just as currents flow through a neon light to light up the gas, the currents flow between the magnetotail and upper atmosphere light up Earth's gases to cause the aurora.**

Sometimes the magnetosphere stores more energy than it can release in a slow manner and something inside the magnetotail "breaks" and waves and currents are generated that trigger the beautiful and mysterious dancing aurora that we've been talking about on these THEMIS science pages. THEMIS will solve the long standing mystery as to what triggers this energy release in the magnetotail that leads to an auroral substorm. [/i]

http://ds9.ssl.berkeley.edu/themis/mission_sunearth.html

<http://www2.nict.go.jp/y/y223/simulation/realtime/>

Magnetosphere simulation.

Space tornadoes span a volume of space about the size of the Earth, and **funnel hot ionized gas into the ionosphere**, triggering bright auroras.

(PhysOrg.com) -- Earth-bound tornadoes are puny compared to "space tornadoes," which span a volume as large as Earth and produce electrical currents exceeding 100,000 amperes, according to new observations by a suite of five NASA space probes.

The probe cluster, called Time History of Events and Macroscale Interactions during Substorms (THEMIS), recorded the extent and power of these electrical funnels as the probes passed through them during their orbit of Earth. Ground measurements showed that the space tornadoes channel the electrical current into the ionosphere to spark bright and colorful auroras on Earth.

The findings were presented today at the general assembly of the European Geosciences Union (EGU) in Vienna, Austria.

Space tornadoes are rotating plasmas of hot, ionized gas flowing at speeds of more than a million miles per hour, far faster than the 200 m.p.h. winds of

terrestrial tornadoes, according to Andreas Keiling, a research space physicist at the University of California, Berkeley's Space Sciences Laboratory.

Keiling works on THEMIS, which was built and is now operated by UC Berkeley. The five space probes were launched by NASA in February 2007 to solve a decades-long mystery about the origin of magnetic storms that power the Northern and Southern Lights

*Both terrestrial and space tornadoes consist of **funnel-shaped structures**. Space tornadoes, however, generate huge amounts of electrical currents inside the funnel. These currents flow along twisted magnetic field lines from space into the ionosphere where they power several processes, most notably bright auroras such as the Northern Lights, Keiling said.*

*While these intense currents do not cause any **direct** harm to humans, on the ground they can damage man-made structures, such as power transformers.*

The THEMIS spacecraft observed these tornadoes, or "flow vortices," at a distance of about 40,000 miles from Earth. Simultaneous measurements by THEMIS ground observatories confirmed the tornadoes' connection to the ionosphere.

Keiling's colleagues include Karl-Heinz Glassmeier of the Institute for Geophysics and Extraterrestrial Physics (IGEP, TU) in Braunschweig, Germany, and Olaf Amm of the Finnish Meteorological Institute.

<http://www.physorg.com/news159720322.html>

Funnel-shaped aka SPIRAL. Like the spiral in Norway. Not a missile, a natural event. [/quote]

[quote: Krispy71]

WOW Sixscent ...

I am watching this video

<http://www.youtube.com/watch?v=2fdhyhPu6PY>

and listening to the guy in his coffee-cream explanation of this solarsystem, I recall my posting about those black-holes and the question that was rising inside off me IF there were also WHITE HOLES existing !

WHAT IF OUR SUN IS such A WHITE HOLE ?????

(That also lines up with the theory of Nassim Hameiri that the sun could be used as a portal)

Here my posting in which I gave an answer on your comment :

I think I know the one you are talking about....was the rope a giant serpent?

If so the legend associated with it is that the good pulling on one side of the side (9head side I think) and the evil pulling on the other, churn the milkyway **to produce the elixer of Imortality!**

YES It is translated as THE GOOD and THE EVIL ... White versus Black/**light versus dark**

The light SUN : our sun
The Dark SUN : the twin ...

Positive versus negative :
could be also interpreted as the positive electric charges and negative charges, push and pull charges-forces.
This is not about god-good and evil-bad, but more about influences and science instead of religion.

"The Churning took place at the beginning of the Golden Age (Krta Yuga), at which time the celestial forces of light (Devas) and the forces of darkness (Asuras) agreed to cooperate in an effort to generate the elixir of immortality known as Amrita by churning the great ocean that surrounded the planet. The Demigods uprooted Mount Mandara (Sanskrit for "cream" or "clarified butter") from its resting place at the Earth's North Pole, and transported it to the center of the great Milk Ocean. "

- Churning of the Milk Ocean > Milky Way
- the Golden Age > time-span ahead of us, our future
- celestial forces of light > our sun
- forces of darkness > dark dwarf sun
- elixir of immortality > life bringing and seeding, mutation changes so that life can live on
- transported it to the center of the great Milk Ocean > a tube-like thing like discussed before such as the sun and the earth connects magnetically could also be the fact connecting earth to the centre of the galaxy...

Look to it with the knowledge we have been discussing in this thread ;)

Ok, you have my attention... Please go on...

Good points. We DO live in the physical universe of polarity. The basis of physicality is the constant oscillation of duality, where balance is perfection. But balance is a paradox because the only place for perfect balance to exist is singularity points receding at the moment that the oscillation changes direction.

A singularity is a STILL-point ... not "balance" in the sense of working forces, the singularity is the end/the result of perfection indeed, and like the middle of the tornado pure stillness.
Balance like we know it is the tension between at least 2 forces and therefore active and in motion, moving...
Yin and yang is both, it is the process > the 2 tears with dots who create balance, but it also a big dot as a whole which is The Singularity.
It is fractalistic in nature ... coz you could imagine that the 1 still point is composed out of 2 smaller still points: a black and a white (sun?) , which are on their turn if you could zoom in again a yin-yang sign composed out off two balancing active forces , ... and so on and on until infinity in big and small - micro and macro.

**That makes me wonder right now...
if we have dark and light suns (twin forces), do we also have WHITE HOLES
as the balancing (twin) power of black holes ????**
Hmmmm... Interesting....

(Not all in this univers is polarity,
Not everything has a positive and negative charge like a battery is a dual-pole
German scientists I met a few months ago talked about SINGLE poles! (So a real
singularity) They exist,
And the big-men-on-top want to know all about it.)

:hiding:
[/quote]

[quote: Sickscent]

GIANT RIBBON DISCOVERED AT THE EDGE OF THE SOLAR SYSTEM FLUFFY MYSTERY AT EDGE OF SOLAR SYSTEM SOLVED

quote: Sickscent

First, Ribbon article:
http://science.nasa.gov/headlines/y2009/15oct_ibex.htm

Giant Ribbon Discovered at the Edge of the Solar System

10.15.2009

October 15, 2009: For years, researchers have known that the solar system is surrounded by a vast bubble of magnetism. Called the "heliosphere," it springs from the sun and extends far beyond the orbit of Pluto, providing a first line of defense against cosmic rays and interstellar clouds that try to enter our local space. Although the heliosphere is huge and literally fills the sky, it emits no light and no one has actually seen it.

Until now.

NASA's IBEX (Interstellar Boundary Explorer) spacecraft has made the first all-sky maps of the heliosphere and the results have taken researchers by surprise. The maps are bisected by a bright, winding ribbon of unknown origin:

"This is a shocking new result," says IBEX principal investigator Dave McComas of the Southwest Research Institute. "We had no idea this ribbon existed--or what has created it. Our previous ideas about the outer heliosphere are going to have to be revised."

Although the ribbon looks bright in the IBEX map, it does not glow in any conventional sense. The ribbon is not a source of light, but rather a source of particles--energetic neutral atoms or ENAs. IBEX's sensors can detect these particles, which are produced in the outer heliosphere where the solar wind begins to slow down and mix with interstellar matter from outside the solar system.

"This ribbon winds between the two Voyager spacecraft and was not observed by either of them," notes Eric Christian, IBEX deputy mission scientist at NASA's Goddard Space Flight Center. "It's like having two weather stations, but missing the big storm that runs between them."

Unlike the Voyager spacecraft, which have spent decades traveling to the edge of the solar system for in situ sampling, IBEX stayed closer to home. It is in Earth orbit, spinning around and collecting ENAs from all directions. This gives IBEX the unique "big picture" view necessary to discover something as vast as the ribbon.

The ribbon also has fine structure--small filaments of ENA emission no more than a few degrees wide: image. The fine structure is as much of a mystery as the ribbon itself, researchers say.

One important clue: The ribbon runs perpendicular to the direction of the galactic magnetic field just outside the heliosphere, as shown in the illustration at right.

"That cannot be a coincidence," says McComas. But what does it mean? No one knows. "We're missing some fundamental aspect of the interaction between the heliosphere and the rest of the galaxy. Theorists are working like crazy to figure this out."

Understanding the physics of the outer heliosphere is important because of the role it plays in shielding the solar system against cosmic rays. The heliosphere's size and shape are key factors in determining its shielding power and, thus, how many cosmic rays reach Earth. For the first time, IBEX is revealing how the heliosphere might respond when it bumps into interstellar clouds and galactic magnetic fields.

"IBEX is now making a second all-sky map, and we're eager to see if the ribbon is changing," says McComas. "Watching the ribbon evolve--if it is evolving--could yield more clues."

Stay tuned for updates.

Now for FLUFFY:

<http://www.space.com/scienceastronomy/091223-fluff-solar-system-nasa-voyager.html>

Fluffy Mystery at Edge of Solar System Solved By SPACE.com Staff

posted: 23 December 2009

03:54 pm ET

Our solar system is passing through a cloud of interstellar material that shouldn't be there, astronomers say. And now the decades-old Voyager spacecraft have helped solved the mystery.

The cloud is called the "Local Fluff." It's about 30 light-years wide and holds a wispy mix of hydrogen and helium atoms, according to a NASA statement released today. Stars that exploded nearby, about 10 million years ago, should have crushed the Fluff or blown it away.

So what's holding the Fluff in place?

"Using data from Voyager, we have discovered a strong magnetic field just outside the solar system," explained Merav Opher, a NASA Heliophysics Guest Investigator from George Mason University. "This magnetic field holds the interstellar cloud together ["The Fluff"] and solves the long-standing puzzle of how it can exist at all."

The Fluff is much more strongly magnetized than anyone had previously suspected," Opher said. "This magnetic field can provide the extra pressure required to resist destruction."

Opher and colleagues detail the discovery in the Dec. 24 issue of the journal Nature.

NASA's two Voyager probes have been racing out of the solar system for more than 30 years. They are now beyond the orbit of Pluto and on the verge of entering interstellar space. During the 1990s, Voyager 1 became the farthest manmade object in space.

The Voyager craft, racing in opposite directions, have revealed among other things that the bubble around our solar system is squashed.

"The Voyagers are not actually inside the Local Fluff," Opher said. "But they are getting close and can sense what the cloud is like as they approach it."

The Fluff is held at bay just beyond the edge of the solar system by the sun's magnetic field, which is inflated by solar wind into a magnetic bubble more than 6.2 billion miles wide (10 billion km). Called the "heliosphere," this bubble protect the inner solar system from galactic cosmic rays and interstellar clouds. The two Voyagers are located in the outermost layer of the heliosphere, or "heliosheath," where the solar wind is slowed by the pressure of interstellar gas.

Voyager 1 entered the heliosheath in December 2004. Voyager 2 followed in August 2007. These crossings provided key data for the new study.

Other interstellar clouds might also be magnetized, Opher and colleagues figure. And we could eventually run into some of them.

"Their strong magnetic fields could compress the heliosphere even more than it is compressed now," according to NASA. "Additional compression could allow more cosmic rays to reach the inner solar system, possibly affecting terrestrial climate and the ability of astronauts to travel safely through space."

quote SickScent

Here's one dated more recently - 01/15/10.

http://science.nasa.gov/headlines/y2010/15jan_ibex2.htm

YES! This is a really good update.

This is where we can see that all these phenom might be one in the same, just different values in the size of the phenom, thus changing some of the details, but overall affect is exactly the same.

We can begin seeing the Serpent or Rope ideology in the ancients work trying to express what they knew!

The cloud is called the "Local Fluff."
The Fluff is ...strongly magnetized"
The magnetic field is not apparently OUTSIDE of the Fluff, but inside it as well.

Yes, and I read somewhere that the magnetics can be traced as heading back towards galactic center, perhaps emanating from galactic center. I have to find that article though to make sure I am not messing up.

This is important for my response I posted just above. **(PAGE 62 of OTHER THREAD** <http://www.godlikeproductions.com/forum1/message1005905/pg62>

yes galactic center contains a singularity

But, is there a type of MASSIVE magnetic flux tube connecting the heliosphere to the singularity? (The Serpent)

Just like the magnetic flux tubes that connect the earth to the sun. This phenom happens maybe as much as twice a day and lets in more sun particles through the tube into earth's atmosphere.

What I am proposing is that what if this happens on a galactic scale as well. Through these recent articles, it looks like that is a strong possibility. So, when a massive type of 'magnetic flux tube' connects between our heliosphere and galactic center, the solar system is injected with massive amounts of energy from galactic center. The tube would allow this energy to bypass the heliosheath, just like the flux tubes allow the sun's energy to bypass our magnetosphere.

Thus all the connections made by the ancients of a 'Rope' or Serpent connecting us to Galactic Center. Some would call this a 'gate' or a 'portal'.

Damn, this is big stuff!

[/quote]

[quote:Sickscent]

A nice quote from the other thread:

There was a warning on the conspiracy sites a few years ago that said to watch for the ISS being evacuated, that was the beginning of TSHTF. Also, the Shuttle program is ending

That makes alot of sense. The recent canceling of the shuttle program fits well into this hypothesis. So does:

** The recent instability of the Sun*

** The recent announcement by the scientific community that it is now taking the Nemesis theory seriously*

** The recent discovery of the Interstellar magnetized cloud surrounding our solar system*

** The recent global warming observed on Earth, Mars, Jupiter, Saturn, and Pluto*

** The increase in space debris in our solar system, and all the collisions with Jupiter and other planets lately*

** The Vatican suddenly getting real interested in astronomy and getting their own observatories*

I'm also inclined to think that other recent space anomalies might also have something to do with this, such as :

** All the activity with satellites lately, new nations sending them up for the first time (Iran and NK), old nations shooting their own down (China and the USA), and satellites running into each other*

** And of course the Norway Spiral*

Add to the list: the US Government's shocking decision to conceal all future data about near-earth objects.

EXACTLY.

See my thread **REMEMBER - As You Watch All This Shit Falling from the Sky**

<http://www.godlikeproductions.com/forum1/message946077/pg1>

Link leads here, to Homeland Security!

<http://homelandsecuritynewswire.com/pentagon-deny-scientists-access-meteors-data>

[/quote]

[quote: Neuromancer]

Krispy, you ARE on to something. There have been many ideas proposed that certain people get a 'DOWNLOAD' of information. Sometimes in their sleep. I have had this experience, but it is a very 'abstract' type of 'download'.

In a sense it makes you understand things much more easily, without having to learn it like in school.

It is more like you recognize certain information, and it resonates so strongly, that when you research it, it all makes sense... very easily.

On this ribbon of thought:

Plasma is a state of matter, much like how solid is a state of matter, like how liquid is a state of matter ... as too is gas. Understanding how plasma behaves, as opposed to how other states of matter behave is important.

How electricity and magnetism relate is another topic (but electricity and magnetism exists in all states of matter). The higher a state of matter, the higher the transmission capability. This is why measurements of the energies of Cosmic Rays (highest) Gamma Rays (lower than Cosmic) X-Rays (lower again) etc .. are so far "off the scale" in Galactic space, energies in orders of magnitude millions, billions, trillions .. etc .. times higher than terrestrial measurements.

The Question is: what is being transmitted? A: States of Matter are just mediums to transmit INFORMATION.

Fluffy allows greater transmission of INFORMATION.

Information is the highest form of energy, as it steps down, at each transitional stage // energy is released. The double sheath that contains our Solar Heliosphere and the double layer that surrounds Fluffy - have been interacting and releasing energies as information is being relayed. These transition zones are also where matter is created - Xenus's fusion synthesizer. As information moves from one medium down to another, it condenses and slows down.

This information stream excites all matter in our Solar System. As our environment becomes more highly charged, our ability to 'think' increases. We are electrically charged beings. Recent history - diluvian times till now, has seen us in the "dark" in terms of Galactic Energies.

Information transmission via our "Logic Code" that we call "language" is a low level form of communication. Learn how to program with this Logic Code, then your path will be revealed to you. If speech is 3 dimensional, then writing is 2D transmission of INFORMATION .. learn to communicate/think/exist in 4D (or higher) but know how to 'step down' your thoughts to 2D in order to communicate your ideas.

Our growth is not linear, its dynamic and cyclical. Growth happens in spurts.
[/quote]

[quote:Anonymous Coward 845302]
Nostradamus c2 q41, a stab at an interpretation

*The great star will burn for seven days,
The cloud will cause two suns to appear:
The big mastiff will howl all night
When the great pontiff will change country.*

Cloud = the recently discovered interstellar magnetic cloud enveloping our solar system

Two Suns = the "Nemesis" hypothesis that we live in a binary star system, with one greater star (Sol) and another lesser star (Nemesis, a brown dwarf star a few times larger than Jupiter that orbits far outside Pluto's orbit).

"The great star will burn for seven days"

Sol will be convulsed by a major sunstorm that lasts seven days

"The cloud will cause two suns to appear"

The effects of the cloud's electromagnetic plasma will verify the existence of Nemesis.

"The big mastiff will howl all night"

England will suffer a long and terrible night

"When the great pontiff will change country."

At the same time that the Pope abandons Italy

The quatrain makes it unclear if the unrest in England and Italy is caused by the arrival of the Cloud and the Two Suns, or if the only thing they have in common is the timing. However, it does seem that much of Europe may be in turmoil if such dramatic developments are occurring in both England and Italy at the same time. [/quote]

[quote: RexKristos]

Some things that came to me in the "all I can say is, many of you are close" thread...

If it's true that we are part of the sag dwarf galaxy that is being assimilated by the Milky Way...

Were we to realign magnetically to the **Milky Way's** center all bets on the calendar are off. Which is why one would end.

The new orbits, spins and new orbital plane (zodiac) would have to settle to be able to make a calendar in the first place.

The powers in the heavens being changed.

Teleology (from the Greek τέλος; τέλος; - telos, root: τέλος; τέλος; -, "end, purpose") is the philosophical study of design and purpose. A teleological school of thought is one that holds all things to be designed for or directed toward a final result, that there is an inherent purpose or final cause for all that exists. The word teleology was first used by the German philosopher Christian Wolff in Philosophia rationalis, sive logica (1728).

The bible is replete with anthropomorphized astrological formations denoting time scales. Not that it has a monopoly of prophecy.

The orbits of the planets may be a reoccurring fractal of "time" (space of transit). In that light, prophecy is only a matter knowing where you are within that shape and what comes next (star priest power cult)

All possible time shapes exist simultaneously within the wave structure (non-local awareness, past lives, resurrection of the dead)

In a top/down paradigm the lower dimensions are the result of higher ones up to the highest First. "Kingdom of God" Principle of principles. A Function more than a Name. but a Living Reality none the less.

A contraction of orbit a concentration of spin. The consciousness asymptotes for reaching singularity and a new shape is born along previously laid paths.

This happens on personal, planetary, stellar, galactic and greater scales.

This alignment of planets may be one of those teleological markers.

What ever the significance of the magnetic coupling of these planets in this manner, it's shape and oppositions may be a fractal equivalent of a higher structure and resonant with that Consciousness accordingly.

A cross in the heavens.

<http://74.125.155.132/search?q=cache:http://www.gaiamind.org/aug13-2010.html>

A specific formation in a time clock counting down toward the beginning.

The four faced creatures that "upheld" the throne of God. had the faces of the four zodiacal quarters Man/Bull/Eagle/Lion = Aquarius, Taurus, Scorpio, Leo.

5d Harmonic fractal resonance resolving the "wheel" (standing waves) of time.

As above so below.

I see creation as a function of purpose so the flow of time has direction. Teleologically like a plane of water drawn through a drain. All the wave forms of the water exist at the same time(quantum entanglement) and move in all kinds of random (freewill) eddies but are ultimately drawn towards a single point (purpose) that before the flow reaches it, the flow spins fast enough to arc into the next direction/dimension/90 degrees to the previous.

In a holomorphic universe the new arc serves to both expand the horizon. And to further fractally detail the previous shape (vessel) *new* The Universal Kabbalah by Leonora Leet tessellations of soular over fractals

New heaven, new earth, new man.

[/quote]

[quote: RexKristos]

He's an old friend of Kent's who's been on it for a long time. Maybe we should give him some credit, Sicks?

He beat you to it.

<http://gomerite.proboards.com/index.cgi?board=general&action=display&thread=1884>

Some info from his site:

Having a background in Plasma Deposition Technologies, (theoretical/practical)... I have a strong feeling that the fluff will greatly excite the sun, simplistically; it will begin a plasma transfer between it and the bodies orbiting it. Although increased radiation will be a factor, the key (detrimental) end result will be a severe disruption of electrical energy here on earth.

There could be other consequences such as the charging up of metallic structures and containers which could contribute to dangerous situations. The mechanism is about very high electrical charges building up in ferrous metals and rogue high tension currents in conductive materials. There might even be unheard of mega lightning storms in an extreme case.

The presence of a "denser" magnetically charged "space" environment connecting the sun to the planets suggests the opportunity for ion plasma flow pathways to earth... rather than just CME "events".

(Explained more in posts below.)

[/quote]

[quote: RexKristos]

More:

The way I am imagining the process is like this. A normal CME is a discharge of plasma... it travels through space and encounters the protective shield (magnetosphere) of earth and mostly deflects around the earth.

When the interstellar cloud is introduced a magnetic particle "atmosphere" replaces "thinner" space between the bodies within the cloud.

It is conceivable that the cloud provides a tracking path for the exchange of charged ion particles (plasma) originating from the sun. The CME would act like a switch turning on a flow of ionized particles.

Instead of just a discharge event, the exchange would become a continuous stream using the magnetized cloud as a conductive pathway, if this has merit then a continuous solar stream would be a lot different than a CME discharge.

It would be a sustained plasma exchange.

[/quote]

[quote: RexKristos]

More:

The plasma universe consists of swirling streams of electrons and ions flowing in filaments. Where pairs of these spaghetti-like structures interact, the particles gain kinetic energy and at narrow 'pinch' regions produce the entire range of galaxy types as well as the full spectrum of cosmic electromagnetic radiation. Thus galaxies must lie 'like pearl beads on a necklace' along filaments, much as they are observed to do on a large scale. The bulk of the filaments are invisible from a distance, much like the Birkeland currents that circle the Earth but are invisible from its surface.

In space, these currents are called Birkeland Currents, in honor of the 19th century physicist who suggested their existence. In the laboratory, they are called Bennett-pinches, Z-pinches, or 'Zed' pinches. In 1934 W. H. Bennett discovered that streams of electrons flowing in the axial or Z-direction, self pinch from the magnetic field they generate around themselves

The effect I have described, (Sustained Ion Transfer)... would be along the lines described by Z-pinches.

Ribbons or streams of charged ion particles being exchanged by the sun to the earth. They may not be continuous literally but would fade in and out as the environment for them fluctuates, like N. Lights do.

So, rather than a spark jumping between two terminals (single event), it would be more like an intermittent exchange. The effect would place high tension electromagnetic currents into conductive materials on the receiving end.

[/quote]

[quote: Angel Helper]

Nostradamus c2 q41, a stab at an interpretation

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"When the great pontiff will change country."

At the same time that the Pope abandons Italy

The quatrain makes it unclear if the unrest in England and Italy are caused by the arrival of the Cloud and the Two Suns, or if the only thing they have in common is the timing. However, it does seem that much of Europe may be in turmoil if such dramatic developments are occurring in both England and Italy at the same time.

I have something to say here:

In June two years ago, a woman named Gianna Sullivan gave a direct prophecy from someone from the heavens, namely; the Blessed Virgin Mary, she stated the two suns are the beginning of the harbinger of times of great sorrows as mankind will begin the descent to horrors upon horrors. We will have little time once the "two suns" are visible in the sky. She mentions that the gov't's of the world, and the Vatican all KNOW, but are not telling the worlds populations.

Well, I see here on the thread that "two suns" are being brought up. And like a poster earlier said, these prophecies are lining up with scientific proof that many prophets of our times are here and have been warning us for quite some time.

You can also bet your butt that if these scientific people are finally getting the data out that validate what these prophets are saying, that means things are very near to the times spoken of in our Holy Book, the Bible esp Revelations.

THE END OF THE AGE IS NEAR, UPON US NOW IN THE CELESTRAL, SOON TO BE ON OUR EARTH, PREPARE. SPIRITUALLY

[/quote]

[quote:Sickscent]

THIS IS THE KEY

It's the electromagnetic energy they are keeping an eye on. It WILL affect the sun's cycle. Which, in turn, WILL affect us.

This "wave" is coming!

Question: What is 'The Wave' you are referencing? The fluff or the magnetics at the heliosheath?

[quote:Sickscent]

More:

If the power is affected... it will be a long time down... most communications will be down far longer.

Again I hope this is NOT TRUE, but there again it sure looks like something is in the offing.

In summary - what is different today?

- Introduction of the magnetized particle interstellar cloud into the equation.
- Discovery of the sun 'conveyor' process (CME suppression control)
- Discovery of existing ion pathway's to the sun. (They are called flux transfer events or 'FTE)
- Other (almost daily confessions) from the knowledge community.

My proposed theory

The solar system entering the interstellar cloud causing the slowing of the sun conveyor leading to increased CME activity initiating a sustained ion exchange flow to the planets via amplified flux transfer events.

~WO/DRL

Potential effects

- Sudden, dramatic changes to weather patterns
- Increased extreme weather events
- Shifted seasonal patterns
- Increased EQ activity
- Mystery booms
- Hyper cloudless "lightning" storms
- Unusual sky effects
- Tide and water level deviations

+1 A lot of this info is slotting into place nicely. Its good to see that other thread that their conclusions are the same with ours.

NASA and the like must be going nuts! There is too much data in this type of scenario. The complexity of everything occurring has got to be a major thorn in their side.

They probably have a good idea what will happen, but have no idea to the extent of the event.

A lot like run-away scenarios, but having a great possibility of exponentially increasing fast and furious. Like was said earlier by the other OP, just waiting for the trigger event.

[/quote]

[quote: Anonymous Coward 904838]

Nostradamus c2 q41, a stab at an interpretation

(...)

Osirus = Dog Star, just behind Orion the hunter.

So, Osirus will howl (shine) at night?

This is a time folks. He is giving us a time of year. Fall/Winter? This is when the pope will change and the signs in the sky will appear?

I found THIS and it is EXACTLY about the sun and her DARK companion, the twins ...
!!!

Sirius was the most important star in the sky to the ancient Egyptians. The ancient Egyptian calendar was based on the rising of Sirius. It is established for certain that Sirius was sometimes identified by the ancient Egyptians with their chief goddess Isis.

*The companion of Isis was Osiris, the chief Egyptian god. The 'companion' of **the constellation of the Great Dog (which includes Sirius) was the constellation of Orion**. Since Isis is equated with Sirius, the companion of Isis must be equated, equally, with the companion of Sirius. Osiris is thus equated on occasion with the constellation Orion.*

'The oldest and simplest form of the name' of Osiris, we are told, is a hieroglyph of a throne and an eye. The 'eye' aspect of Osiris is thus fundamental. The Bozo tribe of Mali, related to the Dogon, call Sirius B 'the eye star'. Since Osiris is represented by an eye and is sometimes considered 'the companion of Sirius', this is equivalent to saying that Osiris is 'the eye star', provided only that one grants the premise that the existence of Sirius B really was known to the ancient Egyptians and that 'the companion of Sirius' therefore could ultimately refer to it.

The meanings of the Egyptian hieroglyphs and names for Isis and Osiris were unknown to the earliest dynastic Egyptians themselves, and the names and signs appear to have a pre-dynastic origin -- which means around or before 3200 B.C., in other words 5,000 years ago at least. There has been no living traditional explanation for the meanings of the names and signs for Isis and Osiris since at least 2800 B.C. at the very latest. (!!!)

'The Dog Star' is a common designation of Sirius throughout known history. The ancient god Anubis was a 'dog god', that is, he had a man's body and a dog's head.

*In discussing Egyptian beliefs, **Plutarch says that Anubis was really the son of Nephthys, sister to Isis, although he was said to be the son of Isis. Nephthys was 'invisible' (K:> DARK STAR!) , Isis was 'visible'. (In other words, the visible mother was the stand-in for the invisible mother, who was the true mother, for the simple reason that the invisible mother could not be perceived.)***

Plutarch said that Anubis was a 'horizontal circle, which divides the invisible part ... which they call Nephthys, from the visible, to which they give the name Isis; [b]and as this circle equally touches upon the confines of both light and darkness, it may be looked upon as common to them both.'

This is as clear an ancient description as one could expect of a circular orbit (called 'Anubis') of a dark and invisible star (called 'Nephtys') around its 'sister', a light and visible star (called 'Isis) -- and we know Isis to have been equated with Sirius.

Actually, Anubis and Osiris were sometimes identified with one another. Osiris, the companion of Isis who is sometimes 'the companion of Sirius' is also sometimes identified with the orbit of the companion of Sirius, and this is reasonable and to be expected.

(K: Think of the reliefs in that old Hindu temple, there is also a god that takes the role as 2 different suns ..)

Isis-as-Sirius was customarily portrayed by the ancient Egyptians in their paintings as traveling with two companions in the same celestial boat. And as we know, Sirius does, according to some astronomers, have two companions, Sirius B and Sirius C.

(K: Maybe they were not talking about SIRIUS and SIRIUS B, but were they referring to the SUN and her DARK dwarf companion ???)

This is understandable coz translators interpreted the hieroglyphs according to their knowledge and that was that this solar system only had 1 Sun-star, so they were looking for other candidates to make the story fitting and assumable ;) ...)

To the Arabs, a companion-star to Sirius (in the same constellation of the Great Dog) was named 'Weight' and was supposed to be extremely heavy -- almost too heavy to rise over the horizon. 'Ideler calls this an astonishing star-name', we are told, not surprisingly.

(K: heavy and dense ... a dwarf star that is denser than a normal star, so heavy that it took many years to RISE again over the horizon ... ;) ...)

The true companion-star of Sirius, Sirius B, is made of super-dense matter which is heavier than any normal matter in the universe and the weight of this tiny star is the same as that of a gigantic normal star.

The Dogon also, as we know, say that Sirius B is 'heavy' and they speak of its 'weight'.

The worship of Anubis was a secret mystery religion restricted to initiates (and we thus do not know its content). Plutarch, who writes of Anubis, was an initiate of several mystery religions, and there is reason to believe his information was from well-informed sources. (Plutarch himself was a Greek living under the Roman Empire.) A variant translation of Plutarch's description of Anubis is that Anubis was 'a combined relation' between Isis and Nephtys. This has overtones which help in thinking of 'the circle' as an orbit - a 'combined relation' between the star orbiting and the star orbited.

(K: Secret religions, NWO, Vatican. This does ring bells, many bells !)

Plutarch says Anubis guarded like a dog and attended on Isis. This fact, plus Anubis being 'time' and 'a circle', suggests even more an orbital concept -- the ideal form of attendance of the prowling guard dog.

An Egyptian papyrus says the companion of Isis is 'Lord in the perfect black'. Isis's companion Osiris 'is a dark god'.

The Trismegistic treatise 'The Virgin of the World' from Egypt refers to '**the Black Rite**', **connected with the 'black' Osiris** (K: The occult and secret lodges ????) They DO worship a black SUN ... I have seen that!), *as the highest degree of secret initiation possible in the ancient Egyptian religion -- it is the ultimate secret of the mysteries of Isis.*

*This treatise says Hermes came to earth to teach men civilization and then again 'mounted to the stars', going back to his home and leaving behind the mystery religion of Egypt with its celestial secrets which were some day to be decoded. **There is evidence that 'the Black Rite' did deal with astronomical matters.** Hence the Black Rite concerned astronomical matters, the black Osiris, and Isis.*

WOW !!! :bump:

*A prophecy in the treatise 'The Virgin of the World' maintains **that only when men concern themselves with the heavenly bodies and 'chase after them into the height' can men hope to understand the subject-matter of the Black Rite.** **The understanding of astronomy of today's space age now qualifies us to comprehend the true subject of the Black Rite, if that subject is what we suspect it may be. This was impossible earlier in the history of our planet.***

*It must be remembered that **without our present knowledge of white dwarf stars which are invisible except with modern telescopes, our knowledge of super-dense matter from atomic physics with all its complicated technology, etc., none of our discussion would be possible; it would not be possible to propose such an explanation of the Black Rite at all.***

Source:

http://74.125.77.132/search?q=cache:pxlphGzNgwEJ:www.bibliotecapleyades.net/universo/esp_sirio09.htm+Osiris+the+dog+god&cd=4&hl=nl&ct=clnk&gl=nl
[/quote]

[quote:Anonymous Coward 8398]

Can you provide a link where the high density plasma streaming into our solar system past the weakened magnetic field of the sun (heliosphere)? The reason I am asking for it is that I haven't found that to be shown yet. Nowhere have I seen in the articles state that this phenom has actually penetrated the heliosphere.

Has this been accomplished yet? **Do we have any proof that the plasma is now inside our solar system?**

I haven't seen any confirmation, though I have heard a number of people say that this is the case.

Still looking for proof though.

That's what I thought. I've been looking thru these threads pretty carefully for that detail, and haven't found it either.

This fact-in-question is the crucial linchpin for these threads. Without it, all this conjecture doesn't have a leg to stand on.

+1 - Though I do not think this information will be available for some time. If it is here, I think we would not know for a few more years, publicly.

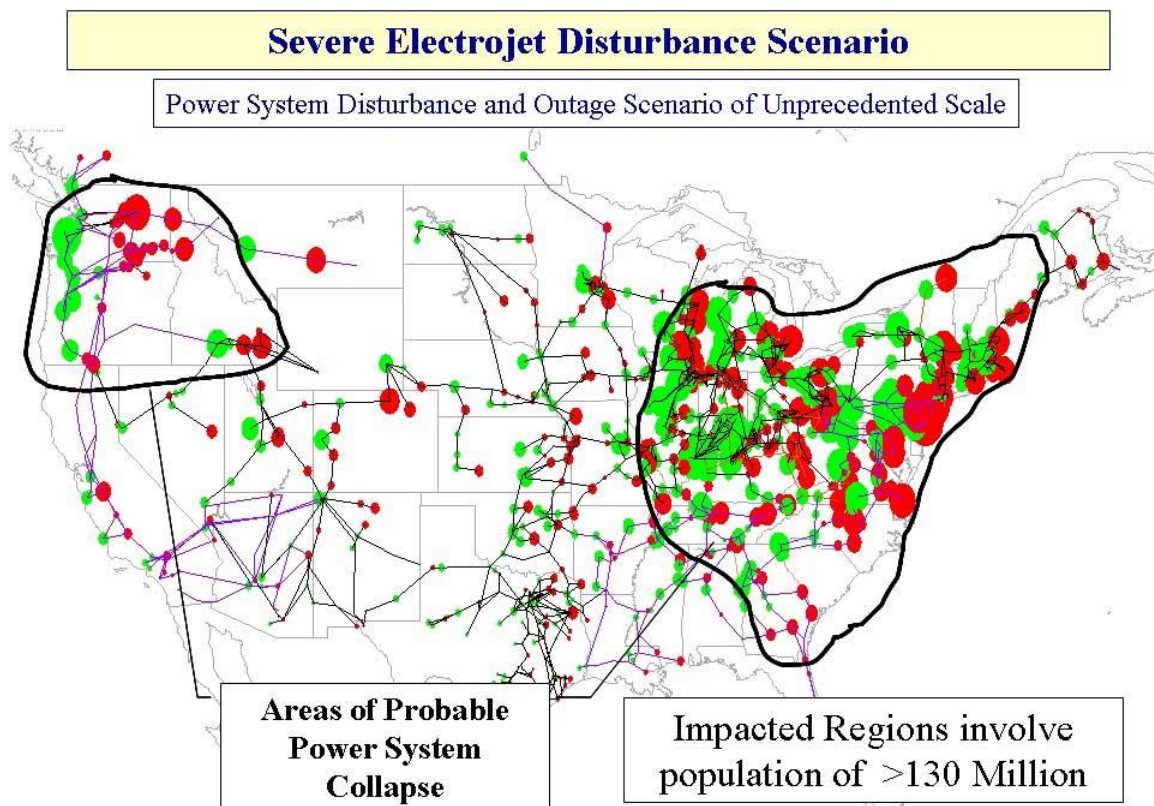
PS - OP is dead serious, though I am not sure if he actually knows what it is. He certainly does not know a time. But the meetings have confirmed that there is a serious and eminent CME/EMP event coming.

In the other thread, the OP also seemed to confirm that this is related to plasma increasing a charge from the sun.

Good enough for me, but perhaps not for you.
[/quote]

[quote: Kerwin]
Sorry if this has been posted before.....

http://www.nasa.gov/topics/solarsystem/features/spaceweather_hazard.html



A NASA-funded study describes how extreme solar eruptions could have severe consequences for communications, power grids and other technology on Earth.

The National Academy of Sciences in Washington conducted the study. The resulting report provides some of the first clear economic data that effectively quantifies today's risk of extreme conditions in space driven by magnetic activity on the sun and disturbances in the near-Earth environment. Instances of extreme space weather are rare and are categorized with other natural hazards that have a low frequency but high consequences.

"Obviously, the sun is Earth's life blood," said Richard Fisher, director of the Heliophysics division at NASA Headquarters in Washington. "To mitigate possible public safety issues, it is vital that we better understand extreme space weather events caused by the sun's activity."

Besides emitting a continuous stream of plasma called the solar wind, the sun periodically releases billions of tons of matter called coronal mass ejections. These immense clouds of material, when directed toward Earth, can cause large magnetic storms in the magnetosphere and upper atmosphere. Such space weather can affect the performance and reliability of space-borne and ground-based technological systems.

Space weather can produce solar storm electromagnetic fields that induce extreme currents in wires, disrupting power lines, causing wide-spread blackouts and affecting communication cables that support the Internet. Severe space weather also produces solar energetic particles and the dislocation of the Earth's radiation belts, which can damage satellites used for commercial communications, global positioning and weather forecasting. Space weather has been recognized as causing problems with new technology since the invention of the telegraph in the 19th century.

A catastrophic failure of commercial and government infrastructure in space and on the ground can be mitigated through raising public awareness, improving vulnerable infrastructure and developing advanced forecasting capabilities. Without preventive actions or plans, the trend of increased dependency on modern space-weather sensitive assets could make society more vulnerable in the future.

NASA requested the study to assess the potential damage from significant space weather during the next 20 years. National and international experts from industry, government and academia participated in the study. The report documents the possibility of a space weather event that has societal effects and causes damage similar to natural disasters on Earth.

"From a public policy perspective, it is quite significant that we have begun the extremely challenging task of assessing space weather impacts in a quantitative way," said Daniel Baker, professor and director of the Laboratory for Atmospheric and Space Physics at the University of Colorado in Boulder. Baker chaired the panel that prepared the report.

"Whether it is terrestrial catastrophes or extreme space weather incidents, the results can be devastating to modern societies that depend in a myriad of ways on advanced technological systems," said Baker. "We were delighted that NASA helped support bringing together dozens of world experts from industry and government to share their experiences and begin planning of improved public policy strategies."

The sun is currently near the minimum of its 11-year activity cycle. It is expected that solar storms will increase in frequency and intensity toward the next solar maximum, expected to occur around 2012.

The Heliophysics Division of NASA's Science Mission Directorate in Washington provided funding for the study. The division seeks to understand the sun, its solar processes and the interaction of solar plasma and radiation with Earth, other planets and the universe. Understanding the connections between the sun and its planets will allow better prediction on the impacts of solar activity on humans, technological systems and even the presence of life itself in the universe.

The National Academies are chartered by Congress to provide independent technical and scientific advice to the federal government.

http://www.nap.edu/catalog.php?record_id=12507

[/quote]

[quote: Xenus]

<http://www.scribd.com/doc/14145750/Anthony-Peratt-Characteristics-for-the-Occurrence-of-a-HighCurrent-ZPinch-Aurora-as-Recorded-in-Antiquity>

Dr. Anthony L. Perratt's paper regarding auroral events and ancient humans. Very interesting. See thread here;

<http://www.godlikeproductions.com/forum1/message939533/pg1>

On the day of the spiral in Norway, I emailed him, not really expecting an answer. These are the replies I got.

An email reply from Dr. Perratt.

Regarding plasma/aurora phenomena over Norway.

*>Hi, just a couple of days ago I came across your paper
>Characteristics for the Occurrence of a HighCurrent ZPinch Aurora as
>Recorded in Antiquity, it was fascinating and I was just wondering
>if th[at] was indeed one of the plasma phenomena as seen in the
>petroglyphs found all over the world. The timing of such an event
>could not have been any weirder, since I had only just found your
>paper. I would also like to know if you think this was natural or
>man made? I am curious to see if this "anomaly" was due to EISCAT
>research centre or if indeed it is caused by cosmic ray flux or some
>other kind of space event.*

This event was natural and occurs when two Birkeland currents interact, usually around 300 -500 km above Earth. Birkeland currents most often occur in pairs because of the 1/r attractive force between them.

This is not an EISCAT heating phenomena.

Second reply.

Today we have only very weak auroras in the upper ionosphere. In the past, as NASA's THEMIS satellites have discovered, they were a million-million times more energetic and located say, 1 million km from Earth. Petroglyphs are pictures of these, we know, from thermonuclear explosion pictures underground and very high energy experiments in canyons. Also, from supercomputer modeling.

(I have to insert my question here for this to make sense)

And one last thing, given the rise in cosmic ray flux recently and the drop in strength of the Interplanetary Magnetic Field, can we expect more of these types of events in the future?

No, the cosmic flux will not change anything but dense plasma entering the solar system, as is now happening, will.

<http://www.godlikeproductions.com/forum1/message960008/pg1>

Given that I've already linked and pasted this information in this thread already it just goes to show that people don't read shit nor understand anything outside of their beliefs. Only a fraction of people viewing this thread read everything and only a fraction of those people understand it.

And why are people so focused on EMPs? Why do you want people to focus on some possibility that may or may not happen, why focus on fear? Once again fitting observations and information to suit your beliefs. EMP is the least of your worries when radiation and electrical activity increases, you're all worried about losing the ability to use electronic devices rather than actually knowing and understanding what is actually happening, sickening.

[/quote]

[quote: Anonymous Coward 714162]

And why are people so focused on EMPs? Why do you want people to focus on some possibility that may or may not happen, why focus on fear? Once again fitting observations and information to suit your beliefs. EMP is the least of your worries when radiation and electrical activity increases, you're all worried about losing the ability to use electronic devices rather than actually knowing and understanding what is actually happening, sickening.

--"instead of a slow, continuous movement, evolution tends to be characterized by long periods of virtual standstill ("equilibrium"), "punctuated" by episodes of very fast development of new forms.

The "punctuated equilibrium" theory of Niles Eldredge and Stephen Jay Gould was proposed as a criticism of the traditional Darwinian theory of evolution. **Eldredge and Gould observed that evolution tends to happen in fits and starts, sometimes moving very fast**, sometimes moving very slowly or not at all. On the other hand, typical variations tend to be small. Therefore, Darwin saw evolution as a slow, continuous process, without sudden jumps. **However, if you study the fossils of organisms found in subsequent geological layers, you will see long intervals in which nothing changed ("equilibrium"), "punctuated" by short, revolutionary transitions, in which species became extinct and replaced by**

wholly new forms. Instead of a slow, continuous progression, the evolution of life on Earth seems more like the life of a soldier: long periods of boredom interrupted by rare moments of terror.

The systems approach can help us to understand more profoundly how a small variation can produce a major change. Indeed, organisms, like all systems, are organized in levels, corresponding to their subsystems and sub subsystems. Each subsystem is described by its own set of genes. A mutation in one of the components at the lower levels will in general have little effect on the whole. **On the other hand, a mutation at the highest level, where the overall arrangement of the organism is determined, may have a spectacular impact.**

For example, a single mutation may turn a four-legged animal into a six-legged one. Such high-level mutations are unlikely to be selected, but potentially they can lead to revolutionary changes.

A fundamental example of such a major change is the metasytem transition, where a system evolves in a relatively short time to a higher level of complexity.

<http://pespmc1.vub.ac.be/Punctueq.html>

THE EARTH AND LIFE

By DR. ALEXEY N. DMITRIEV*

Published in Russian, IICA Transactions, Volume 4, 1997

**Professor of Geology and Mineralogy, and Chief Scientific Member, United Institute of Geology, Geophysics, and Mineralogy, Siberian Department of Russian Academy of Sciences. Expert on Global Ecology, and Fast -Processing Earth Events.*

*Russian to English Translation and Editing:
by A. N. Dmitriev, Andrew Tetenov, and Earl L. Crockett*

<http://www.tmgnow.com/repository/global/planetophysical.html>

Conclusion:

The situation that has been created here in our Heliosphere is of external, Interstellar, cosmic space origin, and is herein assumed to be caused by the underlying fundamental auto-oscillation, space-physical, processes of continuous creation that has shaped, and continues to evolve our Universe.

The present excited state of our Heliosphere exists within the whole, or entire, organism that makes up the Solar System; the Sun, Planets, Moons, Comets, and Asteroids, as well as the plasmas, and/or electromagnetic mediums, and structures, of Interplanetary Space. The response to these Interstellar energy and matter injections into our Heliosphere has been, and continues to be, a series of newly observed energetic processes and formations on all of the Planets; between the Planets and their Moons, and the Planets and the Sun.

Earth's ability to adapt to these external actions and transference's is aggravated, made more difficult, by the technogeneuous alterations we have made to the natural quality, or state, of our geological-geophysical environment. Our Planet Earth is now in the process of a dramatic transformation; by altering the electromagnetic skeleton through a shift of the geomagnetic field poles, and through compositional changes in the ozone, and hydrogen, saturation levels of its gas-plasma envelopes. These changes in the Earth's physical state are being accompanied by resultant climatic/atmospheric, and biospheric, adaptation processes. These processes are becoming more and more intense, and frequent, as evidenced by the real time increase in "non-periodic transient events"; ie., catastrophes. There are reasons favoring, or pointing to, the fact that a growth in the ethical or spiritual quality, of humanity would decrease the number and intensity of complex catastrophes. It has become vitally important that a world chart be prepared setting forth the favorable, and the catastrophic, regions on Earth taking into account the quality of the geologic-geophysical environment, the variety and intensity of cosmic influences, and the real level of spiritual-ethical development of the people occupying those areas.

It is reasonable to point out that our Planet will soon be experiencing these new conditions of growing energy signifying the transition into a new state and quality of Space-Earth relationship. The living organisms of those regions of Earth having the major "inlets", or attractions, for cosmic influences will be taking the lead in evolving life's appropriate reactions, or processes, to these new conditions. These zones of vertical commutations and energy transfers are already becoming the heart, or hotbeds, in the search for new systems of adaptation and mutual transformation.

The most significant of these areas are the helio-sensitive zones which have intense responses to geoeffective solar activities [Note #1]; responses that include the very dramatic and unusual manifestation of non-homogeneous vacuum, or classical non-mechanical ether, domain structures. These structures, or objects, then interact with the heliosensitive zones producing deep and powerful effects upon the environment such as the alteration of seismic activities, and chemical compositions. Because these non-homogeneous vacuum domain objects display not-of-this-physical-world characteristics such as "liquid light" and "non-Newtonian movement" it is difficult not to describe their manifestations as being "interworld processes". It is important to note that those heliosensitive zones that exhibit middle and large scale processes are also those that are closely associated with these "interworld processes" produced by physical vacuum homogeneity disturbances.

Such disturbances cause, and create, energy and matter transfer processes between the ether media and our three-dimensional world. The multitude of such phenomena, which is rich in it's quality and variety, is already growing quickly. Hundreds of thousands of these natural self-luminous formations are exerting a increasing influence upon Earth's geophysic fields and biosphere. We suggest that the presence of these formations is the mainstream precedent to the transformation of Earth; an Earth which becomes more and more subject to the transitional physical processes which exist within the borderland between the physical vacuum and our material world.

All of this places humanity, and each one of us, squarely in front of a very difficult and topical problem; the creation of a revolutionary advancement in knowledge which will require a transformation of our thinking and being

equal to this never-before-seen phenomena now presencing itself in our world. There is no other path to the future than a profound internal experiential perception and knowledge of the events now underway in the natural environment that surrounds us. It is only through this understanding that humanity will achieve balance with the renewing flow of the PlanetoPhysical States and Processes.

End Paper

[/quote]

[quote: Sickscent]

Alright, we've been talking about the fluff and magnetic ribbons mostly. This phenom has, at its base value, increased energy, by HUGE magnitudes compared to 'normal' interstellar space as science knew it, and as compared to the interior of the heliosphere.

This phenom is a recent knew finding, and as of yet, with the exception of Xenus' find, there is not much information at all as to whether this phenom has penetrated the heliosphere yet.

But, I think the evidence is ALL around us. Evidence is coming up! And, once we tie the evidence to this phenom, it will make PERFECT sense that this indeed could be the main contributor. Another aspect of this phenom is that it is 'shrinking' our heliosphere. This fluff, do to its extremely high energy, is denser than the surrounding space. This increased energy and denseness acts like a pressure cooker on the heliosphere. Further evidence that this phenom is the one that is changing our solar system, not just the sun. This is the domino affect. Problem with domino affects is you get a tipping point, ie, SHTF.

[/quote]

[quote: Sickscent]

Everything You Want To Know About NEMESIS

at just ONE link!

http://www.bibliotecapleyades.net/ciencia/ciencia_nemesis.htm

[/quote]

[quote: Sickscent]

All of this reminds me of the 1981 Photon Belt Story and all Disinfo has truth in it. There was no internet when I read it.

The Photon Belt

<http://www.burlingtonnews.net/photonbelt.html>

*In 1961 science discovered, by means of satellites, a photon belt encircling the Pleiades. This photon belt * circles the Pleiadian system at an absolute right angle to its orbital planes. As our sun (and we with it) orbits the Pleiades once every 25,860 years, it reaches the midpoint of the photon belt approximately every 12,500 years.*

It requires some 2,000 years to traverse it, meaning that after departing this realm, another 10,500 years pass before our Solar System enters it again.

Before going any further, we should be mindful of the fact that this particular cycle is nestled within a number of greater cycles. What distinguishes this particular cycle from all its previous occurrences is that it culminates, together with all the other cycles of which it is but a part--including the overall cycle of 206 million years, in one single point of convergence. This is also called the Harmonic Convergence.

**** Photon Belt: Huge torroid or "belt" of inter-dimensional Light that passes through this part of Milky Way galaxy in 26,000-year cycle. Last encountered at beginning of 1997. Fortunately, Earth was put into special hole in it that was drilled by a coherent bow wave of gamma particles from a nova that was first observed by astronomers in 1987.***

In 1962 we entered the sphere of influence of this photon belt. Calculations approximate the year of the actual entry into its mainstream to be 2011. This correlates with the time when the universe reaches its point of maximum expansion. The East familiarizes us with the contraction and expansion rhythm of the universe as the Inbreath and Outbreath of God--each breath covering a time span (in this density) in the vicinity of 11,000 years. It is no coincidence that this time frame corresponds with the Grand Cycles, the orbit of our sun around the central sun Alcione.

The transition into super-consciousness, [also called] the second Coming of Christ, is to occur at the precise moment of suspension of movement between expansion and contraction, going parallel with the entry into the radiation of the photon belt. This energy is also referred to as the Manasic Vibration or Radiation. Astrophysical calculations, based on the sun's speed traveling through space (29 km/s) -- and Earth's own movement -- indicate that we will enter the photon belt at a speed of 208,800 km/h. The actual entry of Earth into the Manasic Vibration will occur in the twinkling of an eye.

The energy of the photon belt is of etheric and spiritual nature, not physical, but it interacts with and affects the physical. *The 10,500 years of darkness between the 2000-year periods of light afford incarnating Man repeatedly his spiritual evolution. As the majority of humans become forgetful of their Divine source and purpose during these Earthly sojourns, the periods of Light serve a dual purpose. They represent a sorting-out process, gathering matured souls into the Light of the Spirit and affording the weaker, just maturing souls a stabilization period of respite and an opportunity for further spiritual growth.*

The individuals who could not or would not acknowledge Divine Love as the essence of their being during the 10,500 year period of incarnations are given another chance again. In this sense --and in this sense only--it is The Day of Judgment, for it is Man who judges himself.

The entry of Earth into the Manasic Radiation constitutes the fulfillment of the deepest hopes of the human soul. Much scare has been generated since the time of David, prophesying the coming transition into Light. This may have been justified in order to shake the apathy from Man, inciting him to look within. Today's generations, however, are less in need of pressure induced through fear of coming events than an enlightening approach addressing their intelligence.

[/quote]

[quote: Sickscent]
HOLY CRAP!!!

Read this about 'Photon Belt'

http://www.bibliotecapleyades.net/universo/esp_cinturon_fotones_6.htm# You Are Becoming A Galactic Human: The Photon Belt

Paul Otto Hesse discovered that at an absolute right angle (90 degrees) to the movement of the stars in the Pleiades, there was a photon belt shaped like a torroid or huge doughnut with a thickness of approximately 2,000 solar years or 759,864 billion miles. Your earth is now completing a 24,000-26,000-year cycle with this photon belt.

When the photon belt is fully manifested, it will not allow any electrical device to function. Such a development will mean that neither batteries nor electrical circuits will operate when Earth is in the photon belt [17 years]. You will require a new form of energy--photon energy--to operate your former and soon- to-be altered electrical devices.

[/quote]

[quote: Sickscent]

CONTINUED FROM ARTICLE ABOVE:

The photon belt was first discovered by scientists (Paul Otto Hesse) in 1961 near the vicinity of the Pleiades by satellite instrumentation. The photon belt is a huge torroid shaped object composed of photon light particles

- *The solar system and the photon belt are moving toward each other*
- *Our solar system and the photon belt will merge sometime between March, 1995, and the end of 1996*
- *The thickness is approximately 2,000 solar years or 759,864 billion miles*
- *Earth is now completing a 24,000-26,000-year cycle with this photon belt*
- *Before the photon belt arrives, the Sirians will be making 'mass landings' on Earth to help us through the experience of the photon belt (the mass landings will occur '2-6 months before the photon belt reaches us').*

GOING THROUGH THE PHOTON BELT

- *Enter the null zone*
- ***Alter body type of all living things***
- ***Non-operation of any electrical device . Once the pumps quit and water tanks are empty, water will not run and toilets will not flush. Lights cannot be turned on. Cars will not start. When the collapse of the planet's electrical and magnetic fields occurs, it will also allow all atoms on Earth to be changed.*** *The atoms in our bodies will be modified to form a new body—a body that is semi-etheric—and the veil of consciousness around us will be removed. We will no longer be living in the limited 3rd-dimensional reality. We will now have physical and psychic gifts that we were meant to have*
- *Total darkness (for 2-3 days). The sun will have disappeared from view and we will be unable to see stars in the pitch black sky a* **Atmosphere is compressed and***

everyone will feel bloated . This aspect is also beginning to happen now as noted by the increase in seismic activities that stretch from the 1960s to the present time. This can also be seen by the dramatic change in our planetary weather patterns.

• **The big danger will be from nuclear materials since there is the possibility for either nuclear chain-reactions or huge and deadly radioactive explosions of fissionable materials.** Therefore, to avoid these dangers, the Galactic Federation will allow a special landing of technical ships and personnel so that these potential nuclear dangers can be alleviated.

• Sun cools down

• **Earth climate cools** ('ice age type of climate'). This will occur because the sun will be undergoing a change in its interdimensional polarity which will prevent the sun's heat from reaching planet Earth's surface.

Day 3-4

• Atmosphere dimly lit (like dawn)

• Start photon effect. This photon effect is very important because it will allow us to have a new energy source. This new energy source will permit the end of our planet's fossil fuel dependency. It will also allow the capability for space travel since photon drive technology is the power system for all starships operated by the Galactic Federation

• Photon energy devices are operable

• Stars will reappear in the sky

Day 5-6

• Exit the null zone, enter the main photon belt zone

• Transition into a 24-hour daylight period

• Every living thing is invigorated (Humans will go back to having 12 strands of DNA)

• Earth climate warms

• Photon beam-powered ships can travel in space

• Incredible psychic abilities are reclaimed (eg telepathy, telekinesis, etc)

• We will now be living with what we have called "Extraterrestrials"

17 years later (2012-2013)

• Normally going through the photon belt would take 2000 years

• However at this time our solar system will enter an interdimensional rescue bubble that will thrust it out of the photon belt

• Our solar system will be put into a position about 3 light years from the Sirius star system (at present Sirius is approximately 8.3 light years from Earth)

• Then this will be the end of our 24-hour daylight experience and bring the return of an approximate 12-hour daylight/12-hour nighttime schedule

* We will now be fully 5th dimensional beings

[/quote]

[quote:Krispy71]

Well, Krispy, I won't ridicule you...

I know Sikscent,

it now is all coming together in a wonderful way,
Without having being labeled as WooWooh or floating on a cloud of alternative and
mysticism.
It now all emerges with the scientific knowledge.

Many of us that still have both feet on the ground, but do believe in more than
what's dusting away on a science shelf ... are proved to be sane after all ...lol...

The MERGING takes place on all kinds of planes and in many layers all at the same
time, and that is fantastic!
[/quote]

[quote: Sickscent]

Sickscent you will like this:

Boyd Bushman (1936–) is a retired senior research engineer who worked for Lockheed Martin, Texas Instruments and Hughes Aircraft. Regarded as one of the inventors of the Stinger missile.

Antigravity claims

Boyd Bushman has claimed that Lockheed Martin has researched antigravity technology, specifically gravity manipulation by means of magnetic fields, he even has stated that he experimented at Lockheed Martin's Fort Worth, Texas facilities, proving that magnetic fields affect the gravitational field and because of that, bodies don't fall with the same acceleration, a result different from the classical experiments made by Galileo with no magnetic fields present. He currently lives in Lewisville, Texas.

http://en.wikipedia.org/wiki/Boyd_Bushman

<http://www.youtube.com/watch?v=h0yPdQ6SOIq>

Nature does not speak English

-Boyd Bushman

Thanks aether. I'll have to watch it tonight or maybe during my lunch break at work.

Right now I am reading **Secrets of Antigravity Propulsion: Tesla, UFOs, and Classified Aerospace Technology** by ~ Paul A. LaViolette Ph.D.

BTW, if anyone hasn't seen it, you need to watch this interview. I know it is with Project Camelot, but the guy is right on track with some of this stuff. He proposes a 'Superwave' possibly heading our way that is a cyclical event that is emitted from galactic center.

Paul A. LaViolette Ph.D.

<http://www.youtube.com/watch?v=oURVtGKW420>

[/quote]

[quote: Sickscent]

Paul LaViolette and THE SUPERWAVE

from Etheric Website

Galactic core outbursts are the most energetic phenomenon taking place in the universe. The active, quasar-like core of spiral galaxy PG 0052+251 (Figure 1-a), for example, is seen to radiate 7 times as much energy as comes from all of the galaxy's stars.

Most of this is emitted in the form of high energy cosmic ray electrons accompanied by electromagnetic radiation ranging from radio wave frequencies on up to X ray and gamma ray frequencies.

A study of astronomical and geological data reveals that cosmic ray electrons and electromagnetic radiation from a similar outburst of our own Galactic core (Figure 1-b), impacted our Solar System near the end of the last ice age. This cosmic ray event spanned a period of several thousand years and climaxed around 14,200 years ago.

Although far less intense than the PG 0052+251 quasar outburst, it was, nevertheless, able to substantially affect the Earth's climate and trigger a solar-terrestrial conflagration that initiated the worst animal extinction episode of the Tertiary period.

The effects on the Sun and on the Earth's climate were not due to the Galactic cosmic rays themselves, but to the cosmic dust that these cosmic rays transported into the Solar System.

Observations have shown that the Solar System is presently immersed in a dense cloud of cosmic dust, material that is normally kept at bay by the outward pressure of the solar wind. But, with the arrival of this Galactic cosmic ray volley, the solar wind was overpowered and large quantities of this material were pushed inward.

*The Sun was enveloped in a cocoon of dust that caused its spectrum to shift toward the infrared. In addition, the dust grains filling the Solar System scattered radiation back to the Earth, producing an "interplanetary hothouse effect" that substantially increased the influx of solar radiation to the Earth. Details of this scenario are described in Paul LaViolette's book *Earth Under Fire*, (1) in his Ph.D. dissertation, (2) as well as in a series of journal articles he has published. (3-8)*

LaViolette's research suggests that the Sun also became highly active as dust and gas falling onto its surface induced extreme flaring activity. Together with the radiation influx from the Sun's dust cocoon, this caused the Sun's corona and photosphere to inflate, much as is observed today in dust-choked stars called "T Tauri stars."

These various solar effects caused atmospheric warming and inversion conditions that facilitated glacial growth which brought on ice age conditions. On occasions when the solar radiation influx to the Earth became particularly high, the ice age climate warmed, initiating episodes of rapid glacial melting and continental flooding. There is evidence that one particularly tragic solar flare event occurred around 12,750 years ago during a period when the Sun was particularly active. This involved

the release of an immense coronal mass ejection which engulfed the Earth and induced a mass animal extinction.

Dr. LaViolette, who is currently president and chief researcher of the Starburst Foundation, was the first to demonstrate that cosmic rays from a galactic core explosion penetrate far outside a galaxy's nucleus to bombard solar systems like our own residing in the spiral arm disk. He coined the word "galactic superwave" to refer to such a cosmic barrage. He has shown that galactic superwaves recur at long intervals and arrive at Earth's doorstep without warning because they travel at near light speed.

[b]Galactic superwaves are a recent discovery. During the early 60's astronomers began to realize that the massive object that forms the core of our Galaxy (the Milky Way), periodically becomes active.(9) The cores of all spiral galaxies cycle through a similar phase. During its active period, our galactic core spews out a fierce quasar-like barrages of cosmic rays, with a total energy output equal to hundreds of thousands of supernova explosions.([/b]10, 11) In some galaxies these active emissions have been observed to equal the energy from billions of supernova explosions.

Until recently, astronomers believed these eruptions were very infrequent, occurring every 10 to 100 million years.(10)[b] They also believed the interstellar magnetic fields, in the Galactic nucleus, would trap the emitted particles in spiral orbits causing them to reach the Earth very slowly.(12) For these reasons, many did not believe that Galactic core explosions posed any immediate threat to the Earth.[/b]

However, in 1983 Paul LaViolette presented evidence to the scientific community indicating that:(2 - 4)

[b]1. Galactic core explosions actually occur about every 13,000 - 26,000 years for major outbursts and more frequently for lesser events.

2. The emitted cosmic rays escape from the core virtually unimpeded. As they travel radially outward through the Galaxy, they form a spherical shell that advances at a velocity approaching the speed of light. [/b]

Astronomical discoveries subsequently confirmed aspects of Dr. LaViolette's hypothesis. In 1985, astronomers discovered that Cygnus X-3, an energetic celestial source of cosmic rays, which is about the same distance from Earth as the Galactic Center (25,000 light years), is showering Earth with particles, traveling at close to the speed of light, moving in essentially straight paths.(13)

Later, scientists found the Earth is impacted, at sporadic intervals, with cosmic rays emitted from the X-ray pulsar Hercules X-1 (about 12,000 light years distant).(14, 15) The intervening interstellar medium has so little effect on these particles, that their pulsation period of 1.2357 seconds, is constant to within 300 microseconds.

These findings are reason to be gravely concerned about the effects of a Galactic core explosion because they imply that the cosmic rays generated can impact our planet, virtually without warning, preceded only by the wave-flash from the initial explosion.(1, 2, 6) Astronomical observations show the last major Galactic core explosion occurred as recently as 10,000 to 15,000 years ago.(16, 17)

Data obtained from polar ice core samples show evidence of this cosmic ray event as well as other cosmic ray intensity peaks from earlier times (Figure 2).(1, 18)

Climatic zones include: the present interglacial (1), last ice age (2, 3, & 4), previous semi-glaciated period (5a-d), last interglacial (5e), and previous glaciation (6).

[b]Also Dr. LaViolette's prediction that there is a residual flow of interstellar dust currently entering the Solar System from the Galactic center direction was later verified by data collected from the Ulysses spacecraft and by AMOR radar measurements made in New Zealand.(8)[/b]

[b]Today, tomorrow, next week, next year. . . sometime in the coming decades. . . our planet could once again be hit by an intense volley of Galactic cosmic rays.[/b] It will come cloaked and hidden from us, until the very moment it strikes.

We live on the edge of the Galaxy's volcano. Knowing neither the time, the magnitude, nor the severity of the next eruption or its impact on our environment, we stand unprepared to deal with this event, much less anticipate its arrival.

Galactic Superwaves - Their Effects on Life and Society

When cosmic rays from Galactic superwaves impact the Earth's atmosphere, they produce "electron cascades." Each primary cosmic ray generates millions of secondary high energy electrons. Many of these particles scatter upwards and become trapped by the Earth's magnetic field to form radiation belts similar to those created by high altitude nuclear explosions.

In just one day, a major Galactic superwave event would inject into the geomagnetic field a particle energy equivalent to 1000 one-megaton hydrogen bomb explosions (1025 ergs). At this rate, the energy delivered to the belts after one year would exceed 30,000 times the energy received from the most powerful solar cosmic ray storms observed in modern times.

Such energized radiation belts could cause a global communications blackout by creating radio static and by permanently damaging critical electronic components of communication satellites. Air travel during such conditions would be extremely hazardous. The resulting atmospheric ionization would destroy the ozone layer, and increase skin cancer rates, due to high levels of UV reaching the Earth's surface; the cosmic ray particles penetrating to ground level would significantly increase cell mutation rates.

Galactic superwaves may also produce an intense electromagnetic pulse (EMP) whenever a cosmic ray front happens to strike the Earth's atmosphere. Galactic superwaves such as those that arrived during the last ice age could have generated pulses delivering tens of thousands of volts per meter in times as short as a billionth of a second, comparable to the early-time EMP signal from a high-altitude nuclear explosion (see Figure 3).

In addition, there is the danger that a superwave could transport outlying cosmic dust into the Solar System which could seriously affect the Earth's climate possibly triggering a new ice age.

Although there is a small probability that the next superwave will be as catastrophic as the one at the end of the last ice age, even the less intense, more frequent events would be quite hazardous for the global economy.

The Frequency and Hazards of Minor Superwave Events

Galactic Center activity occurs frequently between major superwave events. Astronomical observation indicates that during the last 6,000 years, the Galactic center has expelled 14 clouds of ionized gas.(19) See Figure 4 for dates. These outbursts may have produced minor superwave emissions with EMP effects comparable to those of major superwaves. About 80% of these bursts took place within 500 hundred years of one another (Figure 5).

With the most recent outburst occurring 700 years ago, there is a high probability of another one occurring in the near future.

The four-second extragalactic gamma ray burst that arrived in 1983, did have a measurable effect on radio transmissions used for global navigation and communication.(20) By comparison, the "minor" superwave events discussed above might have total energies hundreds of millions of times greater than this.

At present little research is being done on this important astronomical phenomenon. Nor are we prepared should a Galactic superwave suddenly arrive. International channels of communication are not in place to deal with the disasters that a superwave could bring upon us.

Steps that Should be Taken

Currently, radio astronomers are monitoring the cosmic ray/synchrotron radiation activity of the Galactic core on a daily basis. They report their findings regularly in IAU (International Astronomical Union) circulars. However, an early warning system needs to be set up so that, in the event that signs of a significant core outburst and superwave activity are detected, the proper organizations around the world are notified and the proper precautions are taken. In this way, the impact of such an event could be drastically reduced.

In regard to the superwave EMP problem, there is a need to develop an awareness about this phenomenon so that if it does occur, it does not inadvertently trigger a nuclear missile launching. Also there is a need to develop emergency plans to implement measures that will minimize its impact on power and communications networks.

There needs to be an increased awareness of the phenomenon and its potential threat to the Earth so that ways might be found of minimizing the effects of a superwave should one arrive. More scientific papers need to be presented on research on this subject and media coverage of the subject is needed. Astronomical and geological research needs to be conducted to learn more about this phenomenon.

For example, a more detailed analysis needs to be made of the high concentrations of beryllium-10 and cosmic dust present in the ice age portion of the Earth's polar ice record, remnants of the last major superwave event. Data on interstellar dust

composition that will be gathered with the Cassini spacecraft will also be particularly useful.

Currently, the Starburst Foundation is one of the few organizations researching this important astronomical phenomenon.

The Starburst Foundation is a scientific research institute dedicated to discovering how Galactic superwaves have affected our planet in the past, to implementing an international early-warning system for future events, and to investigating ways of lessening the adverse effects of superwaves on our planet.

[/quote]

[quote: Sickscent]

THE THEORY OF CELESTIAL INFLUENCE:

Man, The Universe, and the Cosmic Mystery

by: RODNEY COLLIN

PHILOSOPHICALLY, MAN CAN SUPPOSE AN ABSOLUTE. SUCH AN Absolute would include all possible dimensions both of time and space. That is to say:

It would include not only the whole universe which man can perceive or imagine, but all other such universes which may lie beyond the power of his perception.

It would include not only the present moment of all such universes, but also their past and their future, whatever past and future may mean on their scale.

It would include not only everything actualised in all the past, present and future of all universes, but also everything that potentially could be actualised in them.

It would include not only all possibilities for all existing universes, but also all potential universes, even though they do not exist, nor ever have.

Such a conception is philosophical for us. Logically, it must be like that, but our mind is unable to come to grips with the formula or make any sense of it.

[/quote]

[quote: Sickscent]

Some weird information included in this, but the guys hits the base theory right on the head.

<http://www.darkstar1.co.uk/>

*Andy, by contrast, **equates Planet X with a Brown Dwarf Star, a distant, unseen binary companion of our Sun several times larger than the Planet Jupiter**, with a planetary system of its own. Whereas I suggest that Planet X is accompanied by an "entourage" or "host" of planetoids and moonlets, in Andy's scenario these bodies, seven in all, orbit the Dark Star. The innermost planet of the Dark Star, the warmest and most hospitable for life, is the Home Planet of the Anunnaki.*

The planet farthest from the Dark Star is what becomes visible to peoples on Earth during the perihelial passage of the Dark Star's system, leading in turn to all of our ancient "myths" about this "perturber" or "interloper" planet.

Andy's Dark Star itself does not actually enter the boundaries of the other planets. However, its "Seventh Moon" (Sitchin's Nibiru, or "Planet of the Crossing") does "cross over" into that part of the Solar System between Neptune and Pluto, close enough and bright enough to be visible to people on Earth, at least for such a sufficiently lengthy time that cosmic legends could be born and later develop around it. In Cosmic Tree Theory, of course, Planet X Nibiru is coming as close to the Earth as about 60,000 miles (about 100,000 kilometers) and then stationing itself to our North Pole by an **electromagnetic "tether" beam.**

[/quote]

[quote: Sickscent]

Washington Post Article: Mystery Heavenly Body Discovered!

http://www.smith-mountain-lakes.com/surviving-nibiru-2012/washington_post_artical_12-31-1983.htm

Before you read the Washington Post Article below you should know the following

In 1982 NASA recognized the possibility of an extra solar planet that was beyond the reach of their best satellite to detect. So NASA set out to change that! Just one year later JPL conveniently had just what NASA needed to make it possible to look deep into our own solar system, (past Pluto's orbit).

The launch of the IRAS satellite shortly there afterwards, located a VERY LARGE object that NASA officials were "bedeviled" by, and that they, "do not want to accept it" what they were now witnessing. Some of the DATA suggested, "that it might actually be moving toward Earth!"

So on January 26, 1983, NASA launched the Infrared Astronomical Satellite (IRAS) with the results to be overseen by; Dr. Gerry Neugebauer, IRAS chief scientist, Dr. James Houck of Cornell University

The rest of the story is found in the Washington Post story below!

*The Washington Post,
31-Dec-1983,
Front Page Article
Mystery Heavenly Body Discovered!*

A heavenly body possibly as large as the giant planet Jupiter and possibly so close to Earth that it would be part of this solar system has been found in the direction of the constellation Orion by an orbiting telescope aboard the U.S. infrared astronomical satellite.

So mysterious is the object that astronomers do not know if it is a planet, a giant comet, a nearby "protostar" that never got hot enough to become a star, a distant galaxy so young that it is still in the process of forming its first stars or a galaxy so shrouded in dust that none of the light cast by its stars ever gets through.

"All I can tell you is that we don't know what it is," Dr. Gerry Neugebauer, IRAS chief scientist for California's Jet Propulsion Laboratory and director of the Palomar Observatory for the California Institute of Technology said in an interview.

The most fascinating explanation of this mystery body, which is so cold it casts no light and has never been seen by optical telescopes on Earth or in space, is that it is a giant gaseous planet, as large as Jupiter and as close to Earth as 50 billion miles. While that may seem like a great distance in earthbound terms, it is a stone's throw in cosmological terms, so close in fact that it would be the nearest heavenly body to Earth beyond the outermost planet Pluto.

"If it is really that close, it would be a part of our solar system," said Dr. James Houck of Cornell University's Center for Radio Physics and Space Research and a member of the IRAS science team. "If it is that close, I don't know how the world's planetary scientists would even begin to classify it."

The mystery body was seen twice by the infrared satellite as it scanned the northern sky from last January to November, when the satellite ran out of the super cold helium that allowed its telescope to see the coldest bodies in the heavens. The second observation took place six months after the first and suggested the mystery body had not moved from its spot in the sky near the western edge of the constellation Orion in that time.

"This suggests it's not a comet because a comet would not be as large as the one we've observed and a comet would probably have moved," Houck said. "A planet may have moved if it were as close as 50 billion miles but it could still be a more distant planet and not have moved in six months time.

Whatever it is, Houck said, the mystery body is so cold its temperature is no more than 40 degrees above "absolute" zero, which is 459 degrees Fahrenheit below zero. The telescope aboard IRAS is cooled so low and is so sensitive it can "see" objects in the heavens that are only 20 degrees above absolute zero.

When IRAS scientists first saw the mystery body and calculated that it could be as close as 50 billion miles, there was some speculation that it might be moving toward Earth. "It's not incoming mail," Cal Tech's Neugebauer said. "I want to douse that idea with as much cold water as I can."

Then what is it? What if it is as large as Jupiter and so close to the sun it would be part of the solar system? Conceivably, it could be the 10th planet astronomers have searched for in vain. It also might be a Jupiter-like star that started out to become a star eons ago but never got hot enough like the sun to become a star.

While they cannot disprove that notion, Neugebauer and Houck are so bedeviled by it that they do not want to accept it. Neugebauer and Houck "hope" the mystery body is a distant galaxy either so young that its stars have not begun to shine or so surrounded by dust that its starlight cannot penetrate the shroud.

"I believe it's one of these dark, young galaxies that we have never been able to observe before," Neugebauer said. "If it is, then it is a major step forward in our understanding of the size of the universe, how the universe formed and how it continues to form as time goes on."

The next step in pinpointing what the mystery body is, Neugebauer said, is to search for it with the world's largest optical telescopes. Already, the 100-inch diameter telescope at Cerro del Tololo in Chile has begun its search and the 200-inch telescope at Palomar Mountain in California has ear-marked several nights next year to look for it. If the body is close enough and emits even a hint of light, the Palomar telescope should find it since the infrared satellite has pinpointed its position.
[/quote]

[quote: Sickscent]
HOLY SHIT! LOOK WHAT I FOUND!

"Dr Murray notes that the comets reaching the inner solar system include a group coming from directions in space that are strung out along an arc across the sky."

<http://neo.jpl.nasa.gov/news/news071.html>

ROYAL ASTRONOMICAL SOCIETY PRESS NOTICE

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For immediate release

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* * * * *

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* * * * *

PUZZLE OF COMETARY ORBITS HINTS AT LARGE UNDISCOVERED OBJECT

Intrigued by the fact that long-period comets observed from Earth seem to follow orbits that are not randomly oriented in space, [b]a scientist at the Open University in the UK is arguing that these comets could be influenced by the gravity of a large undiscovered object in orbit around the Sun. [/b][b]Writing in the issue of the Monthly Notices of the Royal Astronomical Society published on 11th October, Dr John Murray sets out a case for an object orbiting the Sun 32,000 times farther away than Earth. It would, however, be extremely faint and slow moving, and so would have escaped detection by present and previous searches for distant planets. [/b]

Long-period comets are believed to originate in a vast 'reservoir' of potential comets, known as the Oort cloud, surrounding the solar system at distances between about 10,000 and 50,000 astronomical units from the Sun. (One astronomical unit is approximately the average distance between the Earth and the Sun.) [b]They reach Earth's vicinity in the inner solar system when their usual, remote orbits are disturbed.[/b] Only when near to the Sun do these icy objects grow the coma and tails that give them the familiar form of a comet. [b]Dr Murray notes that the comets reaching the inner solar system include a group coming from directions in space that are strung out along an arc across the sky.[/b] [b]He argues that this could mark the wake of some large body moving through space in the outer part of the Oort cloud, giving gravitational kicks to comets as it goes. [/b]

The object would have to be at least as massive as Jupiter to create a gravitational disturbance large enough to give rise to the observed effect, but currently favoured theories of how the solar system formed cannot easily explain the presence of a large planet so far from the Sun. [b]If it were ten times more massive than Jupiter, it would be more akin to a brown dwarf (the coolest kind of stellar object) [/b]than a planet, brighter, and more likely to have been detected already.

So Dr Murray speculates that such an object, if it exists, will be planetary in nature and will have been captured into its present orbit since the solar system formed, even though the probability of such an event seems low on the basis of current knowledge.

Though a large, distant planet is a fascinating possibility and the evidence is suggestive, Dr Murray nevertheless stresses that he is not ruling out other possible explanations for the observed clustering of the comet orbits.

[/quote]

[quote: Sickscent]

A GROUP STRUNG OUT ALONG AN ARC!!

There you have it folks.

They KNOW every single thing that is coming at us. When comets appear, it is not 'unexpected'

At least, not to THEM!

That's pretty much the smoking gun!

[/quote]

[quote: Anonymous Coward 665901]
BINGO!

http://www.louisvillemojo.com/blogs/Louisville_blogs/85495/NASA_Baffled_by_Giant_Space_Ribbon

March 14th, 2010:

It sounds like something out of Star Trek, but it's all too real: a few months ago NASA's IBEX (Interstellar Boundary Explorer) spacecraft discovered a giant ribbon of atomic particles floating at the edge of our solar system.

Nothing like the space ribbon has ever been seen before, and when NASA scientists first saw the data, they were stunned. As they double-checked the data and determined that the readings were in not in error, and as they realized the immense size of what they were beholding, they may well have had the same creeping sense of horror and awe as when it gradually dawned on the cast of Star Wars that they were seeing the Death Star.

NASA found itself in the nervous position of having to publicly admit that there was something huge, radioactive and invisible out there, right by our own solar system, and we have no clue what it's doing there. Not only that, but both our previous Voyager deep-space probes failed to detect it. "This is a shocking new result," said IBEX principal investigator Dave McComas. "We had no idea this ribbon existed - or what has created it."

The current attempt to explain the mysterious ribbon is a theory that it's a reflection of solar wind particles being reflected back into the solar system by a galactic magnetic field. They've whipped up a mathematical model that, made to order, predicts a boomerang shaped barrier much like the one that is baffling astronomers. Not everyone agrees with the theory, however, and we can probably expect much wrangling, arguing, and forehead-smiting for a long time to come.

"This is an important finding," says Arik Posner, IBEX program scientist, quoted on NASA's website. "Interstellar space just beyond the edge of the solar system is mostly unexplored territory. Now we know, there could be a strong, well-organized magnetic field sitting right on our doorstep."

What this means for Earth's future is uncertain. As the latest NASA article on the space ribbon states:

And upon this field, the future may hinge.

The solar system is passing through a region of the Milky Way filled with cosmic rays and interstellar clouds. The magnetic field of our own sun, inflated by the solar wind into a bubble called the "heliosphere," substantially protects us from these things. However, the bubble itself is vulnerable to external fields. A strong magnetic field just outside the solar system could press against the heliosphere and interact with it in unknown ways. Will this strengthen our natural shielding - or weaken it? No one can say.

These discoveries about the outer fringe of our solar system come at a time when new NASA revelations have piled up so fast and so frequently that our paradigm is completely changing again and again without the general public even really being aware. Most of us grew up being told in school that there were nine, maybe ten, planets in the solar system, and we now know that there are hundreds of thousands of them. And far from being chunky bits of asteroid debris as previously believed, we now know that many of them are spherical and even have their own moons, like the planet Pulcova or the planet Haumea or the astonishingly Earth-like planet Ceres.

It's a whole new ball game in space.

[/quote]

[quote: Sickscent]

Here is the actual scientific paper from the research team (scientist/professors) out of the University of Louisiana.

Cometary evidence of a massive body in the outer Oort cloud

J. J. Matese¹

P. G. Whitman

D. P. Whitmire

Department of Physics

The University of Louisiana at Lafayette

Lafayette, Louisiana, 70504-4210 USA

<http://www.ucs.louisiana.edu/~jjm9638/MS7292.pdf>

[/quote]

[quote: Sickscent]

The Sun's Sister Could be a Brown Dwarf

<http://www.timeshighereducation.co.uk/story.asp?storyCode=148429§ioncode=26>

The Sun's sister could be a brown dwarf

15 October 1999

Steve Farrar

US scientists who have studied patterns in cometary orbits believe a distant body that may be a tiny sister star of the Sun could exist in the far reaches of the solar system.

British research announced last week had reached similar conclusions, though it suggested such a body was most probably a planet.

Research unveiled at the American Astronomical Society's planetary sciences meeting by John Matese, professor of physics at the University of Louisiana at Lafayette, and colleagues suggests it may, in fact, be a brown dwarf, a sort of failed star. [b]It would bring the Sun more into line with its neighbours - scientists believe multiple-star systems are very common in the galaxy [/b]and a survey of 123 nearby sunlike stars found more than half had one or more companions.

Professor Matese's work involved the study of the orbits of 82 comets that originated in the Oort Cloud, a vast shell of debris that surrounds the solar system and from which most comets come.

They found a pattern connecting the orientation and shape of the path each comet took, which they felt was best explained if they had been influenced by the gravitational pull of an object three times the size of Jupiter and existing about 25,000 times farther from the Sun than the Earth.

"This object would be called a brown dwarf and not a planet since, if it exists, it would not have formed from the disc of material that surrounded our forming Sun as the planets did," said Professor Matese.

"As more Jovian-mass companions are found around other stars, sometimes several of them in the same system, [b]it becomes more reasonable to consider the possibility of a wide binary companion to our Sun.[/b]" Jupiter is much the biggest object in the solar system apart from the Sun and is about 300 times the size of the Earth.

*Scientists have previously speculated on the existence of a companion star to the Sun, **dubbed Nemesis**, that caused periodic storms of comets to flood the inner solar system, responsible for planetary collisions and mass extinction events on Earth.*

*This theory has been widely discredited. The new theory gives the brown dwarf a far milder effect, nudging some comets into an inward course but by and large not having any great impact on the planets. While the star would be so dim as to have escaped detection by optical telescopes, its heat emissions should make it **observable by the next generation of infrared telescopes.***

Links from stories in this section, and more funding opportunities, are on our research microsite at www.thesis.co.uk

[/quote]

[quote: Sickscent]

Does the Sun have a Doomsday Twin?

<http://www.telegraph.co.uk/science/science-news/3300270/Does-the-Sun-have-a-doomsday-twin.html>

By Paul Blakemore

Published: 12:01AM BST 18 Oct 2002

In 1846, researchers noticed that Uranus was wobbling in a way that confounded Newton's Law of Motion. This meant they had two options: rewrite the most time-honoured of the laws of physics, or "invent" a new planet to account for the extra gravitational pull. Compared to Newton's reputation, an eighth planet seemed much less massive and Neptune was discovered.

Today scientists working in the University of Louisiana have discovered a statistical anomaly of similar proportions. Professors John Matese, Patrick Whitman and Daniel Whitmire have studied the orbits of comets for 20 years, and their recent findings have led to startling theories.

Related Articles

An end to the universe

21 August 2002: *The good, the mad and the inspirational* Intrigued by the work of two palaeontologists working for the University of Chicago, Prof Whitmire, along with Nasa colleague Dr Al Jackson, had earlier attempted to explain the amazing discovery that six apocalyptic events, including the extinction of the dinosaurs, have all occurred, like clockwork, every 26 to 30 million years. **To try to explain this mass extinction cycle, they looked to the possibility that comet showers were to blame.**

The latest effort of Matese, Whitman and Whitmire studies 82 comets from the huge cloud of comets, called the Oort cloud, that exists around our solar system. **They took the aphelia of these comets, the points on their orbit that are farthest from our Sun, and plotted them on a globe. Expecting to find an even distribution, they instead found that a particular band of sky, about one sixth the total, contained more than one quarter of all the comets, and that about 25 per cent of the comets coming from this cloud have anomalous paths.**

So what was affecting the orbits? **They went on to theorise that the best explanation is the existence of a previously unknown body - that our solar system is made up of the Sun and a shadowy partner, either a brown dwarf or a massive planet, in a wide binary system. In effect, the solar system had two stars, the Sun and a dark companion, spinning around each other.**

Now I know what you're thinking Surely I'd have noticed a second Sun in the sky? But, as Prof Whitmire explained, the process of assumption based on statistical anomalies has always been a cornerstone of scientific discovery. According to their current theory, he says, **"the companion is a brown dwarf star or massive planet of mass between two and six times the mass of Jupiter". A brown dwarf is a star too small to sustain the nuclear fusion that powers our Sun, and so is relatively cool (surface temperature of less than 1500C) and so also very dim, being barely hot enough to give off light.**

But it gets worse. Under their original theory, called the Nemesis theory, **this small dark star, which lurks at around 90,000 times farther away than the Earth is from the Sun, may be on an orbit that, once every 30 million years, ploughs it into the densely packed inner cloud. Here its immense gravitational pull would drag out several of the Oort comets and give them the "kick" needed to send them towards the Sun on orbits perilously close to the Earth. This explains, in the professor's view, the ominous mass extinction cycle, due to regular periods of increased cometary activity every 30 million years.**

However, before we head for the bomb shelters, we should take heed of the professor's words: "As a practical matter our models will never be generally accepted (and shouldn't be) until the actual object is found." However stressing that they are "sufficiently plausible to give incentives for others to look".

Today, their current paper has moved away from the Nemesis theory and proposed, on the basis of comet orbits, a less massive planet about three times the mass of Jupiter. None the less, with an explanation for the mass extinction cycle yet to be

found, he has admitted that they may not be mutually exclusive; and that there could be two dark stars, one a failed partner to our own, and another one that is acting almost as an alarm clock for doomsday. Even so, he says: "I'm still hopeful that ultimately these might turn out to be the same object."

"An original idea in science is often a gut instinct, but this should not influence the development of the idea," says the professor. "I always try to be my own worst critic". The scientific world remains intrigued but skeptical. However, the recent bombardment of Jupiter is a reminder that if the team is right, there may not be many around to hear them say: "I told you so."

[/quote]

[quote: Anonymous Coward 8398]

BINGO!

http://www.louisvillemojo.com/blogs/Louisville_blogs/85495/NASA_Baffled_by_Giant_Space_Ribbon

March 14th, 2010:

It sounds like something out of Star Trek, but it's all too real: a few months ago NASA's IBEX (Interstellar Boundary Explorer) spacecraft discovered a giant ribbon of atomic particles floating at the edge of our solar system.

Nothing like the space ribbon has ever been seen before, and when NASA scientists first saw the data, they were stunned. As they double-checked the data and determined that the readings were in not in error, and as they realized the immense size of what they were beholding, they may well have had the same creeping sense of horror and awe as when it gradually dawned on the cast of Star Wars that they were seeing the Death Star.

NASA found itself in the nervous position of having to publicly admit that there was something huge, radioactive and invisible out there, right by our own solar system, and we have no clue what it's doing there. Not only that, but both our previous Voyager deep-space probes failed to detect it. "This is a shocking new result," said IBEX principal investigator Dave McComas. "We had no idea this ribbon existed - or what has created it."

The current attempt to explain the mysterious ribbon is a theory that it's a reflection of solar wind particles being reflected back into the solar system by a galactic magnetic field. They've whipped up a mathematical model that, made to order, predicts a boomerang shaped barrier much like the one that is baffling astronomers. Not everyone agrees with the theory, however, and we can probably expect much wrangling, arguing, and forehead-smiting for a long time to come.

"This is an important finding," says Arik Posner, IBEX program scientist, quoted on NASA's website. "Interstellar space just beyond the edge of the solar system is mostly unexplored territory. Now we know, there could be a strong, well-organized magnetic field sitting right on our doorstep."

What this means for Earth's future is uncertain. As the latest NASA article on the space ribbon states:

And upon this field, the future may hinge.

The solar system is passing through a region of the Milky Way filled with cosmic rays and interstellar clouds. The magnetic field of our own sun, inflated by the solar wind into a bubble called the "heliosphere," substantially protects us from these things. However, the bubble itself is vulnerable to external fields. A strong magnetic field just outside the solar system could press against the heliosphere and interact with it in unknown ways. Will this strengthen our natural shielding - or weaken it? No one can say.

These discoveries about the outer fringe of our solar system come at a time when new NASA revelations have piled up so fast and so frequently that our paradigm is completely changing again and again without the general public even really being aware. Most of us grew up being told in school that there were nine, maybe ten, planets in the solar system, and we now know that there are hundreds of thousands of them. And far from being chunky bits of asteroid debris as previously believed, we now know that many of them are spherical and even have their own moons, like the planet Pulcova or the planet Haumea or the astonishingly Earth-like planet Ceres.

It's a whole new ball game in space.

Flat out smoking gun. Great find!

[/quote]

[quote: RexKristos]
Cosmic rays affect DNA...

<http://www.youtube.com/watch?v=rm1HRr-7Tcc&feature=fvw>

[/quote]

[quote: RexKristos]
Holy moly the mother load of info...

<http://www.fosar-bludorf.com/DNA2.html>

DNA communicates in the universe

Grazyna Fosar and Franz Bludorf

The older our civilization is, the more curious we become. Topics such as telepathy, healing, Affirmationstechniken, teleportation, trance, meditation, etc., not only fascinate PSI researcher, but also ordinary people are nowadays more and more confronted with such consciousness phenomena. All these terms have something in common - it is for remote transmission of material, information, or simply by light. The latest experiments in science open completely new perspectives to understand this ability of consciousness and shake our momentary vision of the world. And shocks are always good. In such a case, one must always start to think about.

DNA and Wave Genetics

Can think of our DNA? So far we only know that we carry deep within every cell of our body is a giant organic molecules, that is DNA. It is the carrier of the genetic code, and from it all the genes are formed that are responsible for the development of our body. For a long time it was believed that this is only done on biochemical processes. The DNA forms a huge double strand of bases, which is encoded in the genetic information that will help be able within the cell body proteins are produced.

But Russian scientists have discovered that DNA is much more. Almost 90% of this molecule are in fact not even required for protein synthesis, but serve as a communication and information storage. And here the wave genetics has not determined yet spoken the final word. One can assume that these findings are far more extensive than we can estimate today.[1]

The characteristic shape of the DNA double helix is an almost ideal electromagnetic antenna dar. one hand it is elongated and thus a rod antenna, which can take very good electrical impulses. On the other hand it is seen from above, and thus a magnetic ring very good antenna. In this way, our DNA can absorb electromagnetic radiation (light) from the environment. And what happens to the absorbed energy? It is stored easily in the DNA by the molecule to vibrate, and with a natural frequency of 150 megahertz.

According to the research of Peter and his team Garjajev the DNA is not only the sender and receiver of electromagnetic energy, but also includes the information contained in the radiation and they continue to interpret. The DNA is therefore a highly complex interactive biochip based on light with 3 gigabits memory capacity, which is still in a position to understand the human language.

The findings of the shaft Genetics[2] is revolutionary and provocative. To communicate with the DNA, one must however not be able to speak DNAisch ", but can simply use his native language. The DNA understands everything. It communicates on a syntactic and semantic level, which is common to all human languages. So you used to communicate a code that could be described as primitive language of mankind.

With the help of wave genetics, genetic modification can be carried out without the known risks of conventional genetics. That may mean, for example, to repair genetic defects, cancer cells to stimulate self-healing, etc. The "cure" in this case is not a drug, but a piece of information. In order to feed this information into the DNA of salvation, you do not even have deciphered the DNA code in advance, but can make use of ordinary duties of everyday human language.

We also find the ability to understand, finally, how likely suggestions. Specifically, parents should be extremely careful what they say to their children. Children learn patterns of behavior not only through imitation, but they are programmed to do well at the DNA level. Our DNA makes autogenous training, hypnosis, positive affirmations, auto-suggestion, trance, meditation, etc. possible.

[/quote]

[quote: Sickscent]

Seems the "double catastrophe" is the passage of Nemesis then a few years later the cometary body rains down on the solar system?

Any more info on this "realm border"?

If magnetic fields determine the experience of time and even gravity even the operation of known forces in unknown ways...a new mag environment would be exactly that...a "new" realm.

Yes, magnetics ultimately affect gravity. The two things we least understand about the universe.

I was watching a Discovery show, and they powered up the most powerful electro-magnet in the world. The magnetism is all guided to one, coffee cup sized elongated hole. Throw a spider in there, it levitates. It is free from the bounds of gravity.

Gravity is tied to mass and space. Space is tied to time.

What happens when a GIGANTIC magnetic field 'restructures', or at least majorly disrupts, all the myriad of magnetic fields in our solar system? Hell, the suns ENTIRE life and dynamics are run and manifested by: MAGNETICS.

What are we in for?

[/quote]

[quote: Sickscent]

This is some pretty good, fairly EASY to understand information about this Magnetic Ribbon Phenom

Galactic Magnetic Fields May Control Boundaries Of Our Solar System

<http://www.sciencedaily.com/releases/2009/10/091016112630.htm>

*ScienceDaily (Oct. 17, 2009) — The first all-sky maps developed by NASA's Interstellar Boundary Explorer (IBEX) spacecraft, the initial mission to examine the global interactions occurring at the edge of the solar system, **suggest that the galactic magnetic fields had a far greater impact on Earth's history than previously conceived, and the future of our planet and others may depend, in part, on how the galactic magnetic fields change with time.***

"The IBEX results are truly remarkable, with emissions not resembling any of the current theories or models of this never-before-seen region," says Dr. David J. McComas, IBEX principal investigator and assistant vice president of the Space Science and Engineering Division at Southwest Research Institute. "We expected to see small, gradual spatial variations at the interstellar boundary, some 10 billion miles away. However, **IBEX is showing us a very narrow ribbon that is two to three times brighter than anything else in the sky.**"

A "solar wind" of charged particles continuously travels at supersonic speeds away from the Sun in all directions. This solar wind inflates a giant bubble in interstellar space called the heliosphere — the region of space dominated by the Sun's influence in which the Earth and other planets reside. As the solar wind travels outward, it sweeps up newly formed "pickup ions," which arise from the ionization of neutral particles drifting in from interstellar space. IBEX measures energetic neutral atoms

(ENAs) traveling at speeds of roughly half a million to two and a half million miles per hour. These ENAs are produced from the solar wind and pick-up ions in the boundary region between the heliosphere and the local interstellar medium.

The IBEX mission just completed the first global maps of these protective layers called the heliosphere through a new technique that uses neutral atoms like light to image the interactions between electrically charged and neutral atoms at the distant reaches of our Sun's influence, far beyond the most distant planets. It is here that the solar wind, which continually emanates from the Sun at millions of miles per hour, slams into the magnetized medium of charged particles, atoms and dust that pervades the galaxy and is diverted around the system. The interaction between the solar wind and the medium of our galaxy creates a complex host of interactions, which has long fascinated scientists, and is thought to shield the majority of harmful galactic radiation that reaches Earth and fills the solar system.

"The magnetic fields of our galaxy may change the protective layers of our solar system that regulate the entry of galactic radiation, which affects Earth and poses hazards to astronauts," says Nathan Schwadron of Boston University's Center for Space Physics and the lead for the IBEX Science Operations Center at BU.

Each six months, the IBEX mission, which was launched on October 18, 2008, completes its global maps of the heliosphere. The first IBEX maps are strikingly different than any of the predictions, which are now forcing scientists to reconsider their basic assumptions of how the heliosphere is created.

"The most striking feature is the ribbon that appears to be controlled by the magnetic field of our galaxy," says Schwadron.

Although scientists knew that their models would be tested by the IBEX measurements, the existence of the ribbon is "remarkable" says Geoffrey Crew, a Research Scientist at MIT and the Software Design Lead for IBEX. **"It suggests that the galactic magnetic fields are much stronger and exert far greater stresses on the heliosphere than we previously believed."**

The discovery has scientists thinking carefully about how different the heliosphere could be than they expected.

"It was really surprising that the models did not generate features at all like the ribbon we observed," says Christina Prested, a BU graduate student working on IBEX. "Understanding the ribbon in detail will require new insights into the inner workings of the interactions at the edge of our Sun's influence in the galaxy."

Adds Schwadron, "Any changes to our understanding of the heliosphere will also affect how we understand the astrospheres that surround other stars. The harmful radiation that leaks into the solar system from the heliosphere is present throughout the galaxy and the existence of astrospheres may be important for understanding the habitability of planets surrounding other stars."

IBEX is the latest in NASA's series of low-cost, rapidly developed Small Explorers space missions. Southwest Research Institute in San Antonio, Texas, leads and developed the mission with a team of national and international partners. NASA's

Goddard Space Flight Center in Greenbelt, Md., manages the Explorers Program for NASA's Science Mission Directorate in Washington.

[/quote]

[quote:Sickscent]

Environmental Magnetic Fields Change Complementary DNA Synthesis

Environmental magnetic fields change complementary DNA synthesis in cell-free systems.

Hirakawa E, Ohmori M, Winters WD.

Department of Microbiology, University of Texas Health Science Center, San Antonio, USA.

A number of studies have shown that exposures to environmental magnetic fields (MFs) increase cellular transcription and enhance DNA synthesis. However, little is known about the basic mechanisms underlying specific biological responses to MFs.

...more at link.

[/quote]

[quote:Sickscent]

Let me tell you about your DNA. It is magnetic, and therefore it responds to the grid!

With respect to magnetics, gravity, time, and matter placement: There is a puzzle here that has never been unraveled. It never could be within your old 4D paradigm.

Now, suddenly in this new energy, your science begins to understand that there are at least 11 dimensions at the heart of every atom of matter. (We have told you that there are 12.) And suddenly you are beginning to understand that even time is variable.

Later, there will also be the acknowledgment that the displacement of matter from one area to another is also part of this equation.

There is one specific formula whose attributes are gravity, magnetics, time, and the location of matter. They all come together in a grand dance that will be the "mother lode" of physics when it is discovered and understood.

When it is ready, this information will be brought to you, but for now, let me tell you about the "pattern" of how this works for your DNA.

http://www.kryon.com/k_chanelbreck.html

[/quote]

[quote:Anonymous Coward 8398]

Sickscent

You have done a fantastic job with all of this. I have been reading it all with awe and some dread.

The article above the original OP from the other thread if this is what he was referring to and what made him bug out, what was his sense of time frame after June? Did he ever say?

Thanks

He said two things about timeframe.

1. When he (original OP) bugs out and resigns at Boeing to head to his second house away from the cities, then he is convinced it is a reality, and close at that. (He has bugged out, resigned from Boeing and is in preparation to make the move to his other house)
2. Before he decided to make the move, he said that (from all the info he has been able to gather) he expects it to arrive sometime before the end of the year.

Now, I want you to understand, everything the OP had confirmed is real.

As far as I know, his info does not necessarily say that it is something like NEMESIS, Planet X, or anything like that. He said that it COULD be something like that, and the information is just so top-secret he is not privy to the info.

A more likely scenario, and one that he has CONFIRMED in e-mails between my sources, is that it is the Magnetic Ribbon that is the threat. The other OP has confirmed this himself, that is why he resigned and is moving.

UNDERSTAND ME, everything he has said has been verified save ONE thing, which I cannot find ANYWHERE. [b] That is whether or not the Magnetic Ribbon can actually penetrate the heliopause. OP has stated that it has, [/b] but it is an unknown as to whether it will directly move into the Sun or Earth. That would be worst case scenario.

This is something that science is blank on. They are trying to create models to see what the effects would be, but they don't really know. Though they do know it is going to mess with the sun substantially. That is why other OPs concerns about grid going permanently down.

To clarify, in an effort to address detractors, I do not think the OP had officially stated this, but more so feared it. I think it may have been a mix up in words.

I think one of two things regarding the OP, neither of which I can confirm:

1. OP only knows that SOMETHING is coming and it is bad enough for TPTB to consider taking some drastic steps, which is enough to cause fear and concern.
2. OP knows exactly what "it" is, but is staying vague to protect himself, if few people have this information.

But given what the OP has pointed us to (NASA projects, and recent discoveries), I think the answer is obvious. I think it is #1, but that he is aware of the ribbon itself. I do note that there may be a second agitator besides the ribbon, but I can not confirm.

What I think we have here, among the two threads, is a BUNCH of different articles all talking about the same thing and not realizing it:

Plasma
Dwarf
Planet X
Ribbon
Fluff
etc.

What they all are is the same thing. There is a gravitational/magnetic force moving toward/through the system. What it is may really not really matter. Where it is going and what affect it will have certainly does.

I think the OP does not really care what "it" is, but is more interested in the clues about where it is going and our efforts.

Just my speculation.
[/quote]

[quote: Sickscent]

OK, I figured it out. This is especially for AC 8389.

It's going to take a little background so be patient.

They wonder how they get these 'clouds' out in interstellar space. It happens a little like this: Imagine a soap bubble. That is our localized region of Interstellar Space. Now, a stream of magnetics shoots out from 'near' galactic center. I won't go into the details of that, but suffice to say, it is NOT the singularity (or black hole) at galactic center, but the radius around it.

These streams of magnetics are like blowing into a large soap bubble. First you get an indentation, then you get a magnetic flux tube, then the tube closes back up (because you are out of the magnetic stream) and you are left with a 'bubble' inside the bubble. This is a representation of the 'clouds' in interstellar space.

On to something else now.

There is a 'plane' of magnetics that radiates out from 'near' galactic center. It flows out on an equatorial plane to galactic center and hits our heliosphere at a perpendicular angle. When this plane hits our heliosphere it doesn't penetrate it (I looked ALL OVER the place for that information, and all the stuff I found said that it might 'seep' in, but nothing major).

Here is the kicker!

What if a large body (with[i] at least[/i] 3 times the mass of Jupiter (and up to 10) slammed into our heliosphere while we are in this plane of magnetics (which I read was at the very, very least 3 times the norm). The more spin it had, the stronger the magnetic currents.

It punches into our heliosphere and, with the help of its density/mass and its magnetosphere, it PULLS the magnetic plane in with it, just like a magnetic flux tube (like using the analogy of 'blowing' a bubble inside a bubble). But, instead a stream of magnetics hitting our local interstellar space and creating a 'cloud', this brown dwarf (?) creates a ribbon of magnetics that trails behind, out through the heliosphere (where it punched a hole). Thus, creating a magnetic flux tube directly into interstellar space.

What would the flux tube look like? Well, an object like this has a North Pole and a South Pole. The front of the object would create something like a bow shock, where north pole and south pole of its magnetosphere bow out in front of it, hit the solar wind, and wind back behind it with a 'tail'. We see this EVERYDAY, with Earth's magnetosphere.

What would it create if this magnetosphere from this large object (brown dwarf) was extremely large and the north magnetic and south magnetic poles drifted far behind it? We are talking about a HUGE magnetic field...

It would be RIBBON SHAPED! As the positive and negative charge poles would flow up, out, then back due to its movement into the solar winds!

A RIBBON!!! THE RIBBON IS A BI-POLAR FLUX TUBE!

[/quote]

[quote: Anonymous Coward 8398]

8389, did you read my thoughts about the subject of the dwarf star and the ribbon? The ribbon being something like a flux tube created from entering the heliosphere?

Yes, and it makes the most sense to me based upon the info discussed in all the links and stories. Also matches up with the OP hints, as he alluded to two variables at least.

The real issue, for me, was how this matches up with the 2012 issue. And the ribbon just seemed to random to me.

However, if the dwarf does pass like clockwork, and we have discussed the religious aspects of this that I think are right now, then the ribbon and "dark star" makes a lot more sense to be one and the same, or interrelated.

Great post.

[/quote]

[quote: Sickscent]

And I bet NASA didn't expect the ribbon to enter the heliosphere, and when it did it freaked them out.

I read a bunch of research papers on galactic magnetic fields and if they could penetrate the heliosphere, and all of them said (they even multiplied the galactic magnetic field strength by over 3 times of any that has ever been detected in their scenarios to MAKE sure) that the result is only a slow seepage might occur, but nothing of any value.

So when the Ribbon actually invaded fully the heliosphere they were like, WTF. Because they can't see the cold star, they can only see the magnetic streams (cause they were using the IBEX).

So they start rushing to get infrared birds up there to figure out if a large, cold celestial body made the penetration possible. Remember OP saying that they can't 'see' it at all, and they were sending up the birds to find out what if their theory was 'real'.

And, they start sending up all these birds to begin measuring the impact this 'ribbon'-like magnetic field is going to have on the sun.

Dude, it all makes sense!
[/quote]

[quote: Sickscent]

Voyager Data May Reveal Trajectory Of Solar System; Possible Presence Of Companion Star

<http://www.sciencedaily.com/releases/2006/05/060531081518.htm>

ScienceDaily (May 31, 2006) — Nearly 30 years after launch, the two Voyager spacecraft are still operational and returning useful data. In their early years they produced some of the first close up images of the large outer planets. Now as the two vehicles, flying in slightly different directions, near the edge of the solar system, they are providing clues on the shape of heliosphere, and quite possibly, the direction of the solar system through local space.

The heliosphere, generated by the Sun, is sort of the cocoon in which the solar system rides. It has been suspected for several years that it is not spherical but more egg shaped. Voyager 1 recently reached one edge and it is estimated it will pass into interstellar space at about 12.4 billion miles from the Sun. It was recently announced that Voyager 2 has reached its more southerly edge, sooner than expected. It is now believed it will reach interstellar space at about 10.5 billion miles. This reveals that the heliosphere is not a sphere after all, but is more of a comet shape.

According to Cal Tech's Ed Stone, the former director of NASA's Jet Propulsion Laboratory and a Voyager chief scientist, the shape of the bubble is determined by what is pressing on the solar system from the outside, meaning the shape and force of interstellar gases. That is one explanation. [b]Another put forth by Walter Cruttenden of the Binary Research Institute is that local gases are fairly uniform and the shape derives from the trajectory of the solar system through local space -- possibly in its orbit around a companion star.[/b] While this latter explanation is far

more speculative, it is not unlikely that local interstellar gases are relatively homogeneous and therefore the shape of the heliosphere may be at least partially due to motion of the solar system.

Voyager 1 and 2 are expected to remain active for several more decades. In that time we should gain a better understanding of the motion of the solar system and its surrounding neighborhood.
[/quote]

[quote: Sickscent]

Voyager Data May Reveal Trajectory Of Solar System; Possible Presence Of Companion Star

Another put forth by Walter Cruttenden of the Binary Research Institute is that local gases are fairly uniform and the shape derives from the trajectory of the solar system through local space -- possibly in its orbit around a companion star.

We find the binary model better explains acceleration of the precession rate, better predicts changes in the rate, answers a number of solar system problems and has none of the paradoxes or inconsistencies associated with lunisolar precession theory.

Walter Cruttenden of the Binary Research Institute

<http://www.binaryresearchinstitute.org/>

[/quote]

[[link to www.ep.ph.bham.ac.uk](http://www.ep.ph.bham.ac.uk)]

Cosmic Rays/DNA

If you have already read cosmic rays then you will know that the spark chamber detects cosmic rays. Cosmic rays, although can only be seen by detectors such as the spark chamber are all about us, indeed if it takes several minutes to read this page several hundred cosmic rays will have passed through your head and penetrated into your body. The question, therefore which must be asked is: 'Are cosmic rays harmful to humans?'

*At ground level cosmic rays are generally not a problem, and certainly no direct links have been made linking cosmic rays to cancer. Yet there is a small risk of a different nature. Like with the neon-helium gas in the spark chamber (see How does a spark chamber work - Stage 2) the passage of a cosmic ray through your body can leave various fluids within your body momentarily ionised. Noble prize winner H J Muller found that mutations and changes in human genes can be caused by ionising radiation such as cosmic rays. Therefore it is thought that cosmic rays may be capable of changing your DNA make-up by hitting individual cells, and may even have human evolution implications. **However it should be stressed that this is a very rare occurrence as cosmic rays of an energy high enough to cause such changes are rare at ground level.***

Alright, I am going to propose something, and I do not know how many of you are going to be able to accept this.

Again, we are going to have to do a little background on the science before I can suggest my theory.

Schuman Resonances

[[link to www.valdostamuseum.org](http://www.valdostamuseum.org)]

The natural frequencies of the Human Brain are:

Beta waves (14 to 30 Hz),

Alpha waves (8 to 13 Hz),

Theta waves (4 to 7 Hz), and

Delta waves (1 to 3 Hz).

Alpha frequencies

have been associated with meditation and relaxation.

Theta frequencies

have been associated with a dreamy, creative states.

The 1 Hz frequency of the Delta waves is 7.5 times lower than the 7.5 Hz natural frequency at the surface of the Earth. Since the radius of the Earth is about 6,400 km, the radius for a 1 Hz natural frequency is about $7.5 \times 6,400 = 48,000$ km.

Here are some natural frequencies that seem to correspond to the Delta and Theta waves of the Human Brain.

*Plasma Sheet (opposite Sun),
inner radius = 60,000 km 0.8 Hz*

*Magnetopause (toward Sun),
radius = 60,000 km 0.8 Hz*

*Geosynchronous orbit,
radius = 35,000 km 1.4 Hz*

*Outer Van Allen electron belt,
outer radius = 25,000 km 2 Hz*

*Inner Van Allen proton belt,
outer radius = 12,000 km 4 Hz*

*Inner Van Allen proton belt,
inner radius = 8,400 km 5.7 Hz*

As to the following frequencies:

Magnetopause

(opposite Sun), radius = 380,000 km 0.125 Hz

Plasma Sheet

(opposite Sun), outer radius = 380,000 km 0.125 Hz

Moon orbit,

radius = 384,000 km 0.125 Hz

it is interesting that 0.125 Hz is about 8 seconds per cycle, which is roughly the same period as the 5 second delay that has been observed between the onset of a 1 to 2 millitesla magnetic field (about 100 times stronger than Earth's magnetic field) and the first bursts of brain activity responding to the magnetic field.
(See Science 260 (11 June 1993) 1590.)

Low-frequency electromagnetic waves of humans may be associated with Qi. If so, Qi may be detectable physically.

The Qi Field is one of the promising New Technologies.

The microtubule structure of brains and other cells may be the key to phenomena such as consciousness.

Human brain wave activity can be compared to that of Dolphins.

Some experiments show connections between the brain states and resonant electromagnetic waves, raising the possibility that the Human Brain has evolved to be "in tune" with Planet Earth.

Dolphin and Human Brains may contain BioMagnetite that could give them an electromagnetic sense that could provide a link between Brains and many types of electromagnetic phenomena, including but not limited to Schumann Resonance Phenomena.

OK, so here is what I am going to propose: What if this incoming magnetic 'ribbon', or field, lowers the Schumann Resonances of the planet? Remember, at normal Schumann Resonance the planet is at 7.5 Hz. Because of all the electrical activity that we surround ourselves in (electricity lines, cell phones, radios, ect.) we are surrounded by a Hz higher than 7.5 Hz, thus creating a 'less relaxing' atmosphere for us to live in.

What if this magnetic field:

1. Causes failure of all electric grids, thus putting our ground area atmosphere back to 7.5 Hz.
2. Causes the possibility that the Earth gets submerged in it, thus lowering by volumes the Schumann Resonance.

3. And this affect was registered by our brain, which functions by electro-magnetic pulses.

A lowered Schumann Resonance, one that would go beyond Theta, into Delta and further... what would we experience!?

Spiritual rapture, dream states, creative insurges. Imagine it, the entire world population suddenly experiencing this!

Now, I will present you with an example of this phenom:

The God Helmet

I want to post this because it shows that magnetic fields have an affect on the brain and spirituality.

Note: there is no scientific reference that the Magnetic Ribbon would have an effect like this on the human brain, but it is definitely something to think about, especially those interested in the consciousness shift that is talked about during the 2012 timeframe. - SickScent

The term God Helmet refers to an experimental apparatus in neurotheology. The apparatus, placed on the head of an experimental subject, stimulates the brain with fluctuating magnetic fields. Some subjects reported experiences using the same words used to describe spiritual experiences.[1] The leading researcher in this area is Michael Persinger. Persinger uses a modified snowmobile helmet (the "Koren Helmet") that contains solenoids placed over the temporal lobes, or a device nicknamed the Octopus that uses solenoids, both of which output "weak but complex" magnetic fields. The Octopus uses solenoids around the whole brain, in a circle just above subject's ears, eyes and the bony ridge at the back of the skull, a region that includes the temporal lobes. Persinger reports that at least 80 percent of his participants (working with the Koren Helmet) experience a presence beside them in the room, which ranges from a simple 'sensed presence' to God. About one percent experienced God, while many more had less evocative, but still significant experiences of 'another being'.

The apparatus uses magnetic fields, and not EMF emissions, as is sometimes thought. Much of the controversy surrounding the 'God Helmet' is due to this misunderstanding. The distinction is important because alterations in consciousness have been noted during changes in the Earth's magnetic field (the earth is not a source of EMF emissions, but is a source of magnetic fields), an effect that the 'God Helmet' experiments have helped to corroborate.

...more on the God Helmet

[\[link to health.howstuffworks.com\]](http://link.to.health.howstuffworks.com)

Do We Need the God Helmet?

As we learn more about what happens in the brain during a religious experience, is it possible that we'll ever be able to create them ourselves? Could we flip a switch and see the face of God? No more meditation, prayer or fasting? A scientist named Michael Persinger thinks it's possible.

Persinger has gained attention for his work with the "God Helmet," headgear so named because it may induce a person to feel the presence of God. The God Helmet includes electrodes that Persinger uses to alter the electromagnetic field at the temporal lobes. Persinger claims he can create a religious experience for anyone by disrupting the brain with regular electric pulses. This will cause the left temporal lobe to explain the activity in the right side of the brain as a sensed presence. The sensed presence could be anything from God to demons, and when not told what the experiment involved, about 80 percent of God Helmet wearers reported sensing something nearby [source: BBC].

Will it work for everyone? Richard Dawkins, famous for his criticism of religion, reported only slight dizziness and twitching in the legs after some time in the God Helmet [source: Horgan]. Persinger says that some people may just be more genetically predisposed to sensing God or another higher power, and they may not need a God Helmet to do so [source: Hitt]. **According to Persinger, naturally occurring electromagnetic fields can also cause religious experiences, particularly in those with this predisposition to sensing God. For example, powerful meteor showers were occurring when Joseph Smith, founder of the Church of Latter Day Saints, was visited by the angel Moroni, and when Charles Taze Russell formed the Jehovah's Witnesses** [source: Hitt].

But is there any advantage to being genetically open to God? Scientists are trying to discern if there's an evolutionary reason for why our brains are so receptive to religious experiences. Religion might be a side effect of a developing brain; our brains needed ways to explain the world around us, so they may have created a belief system that could serve as kind of default place to turn in the case of questions. Religion could serve that purpose to early man, with its somewhat supernatural stories to explain cause-and-effect. But now, religion is an expensive trait to carry forward; it involves time and sacrifice, such as fasting. And now, there are scientific methods to explaining the world. Shouldn't religion have died by now?

Atheists may, of course, say yes, but as one anthropologist points out, even some atheists cross their fingers when a plane experiences turbulence. **This may indicate that our brain will always seek out some sort of transcendental hope or otherworldly protection, even if it's not called God** [source: Henig]. **And some evolutionary biologists argue that there are important individual and collective benefits to a mind hardwired for religion** [source: The Economist]. Individually, people who believe that someone bigger than themselves is watching them may make better choices in terms of their evolutionary fitness; they may be less likely to drink or engage in other dangerous behaviors if they feel something or someone higher than them may disapprove. But the real benefit may come down to a facet of Darwinism that doesn't get much attention anymore: survival of entire groups.

One study evaluated the success of various communes in 19th-century America. The communes with a secular ideology were four times as likely to disband in any given year [source: The Economist]. But in religious communes, such as modern-day kibbutzim in Israel, those subject to the strongest religious rules have been shown to

be the most altruistic and cooperative of the bunch. In tests that examine an individual's generosity when the entire group is at stake, those living in these types of communities of faith are more likely to pool resources, which promotes the survival of the collective [source: The Economist]. Religion in that sense is a way for people to work together, to have an interest in an entire group's survival due to shared beliefs.

And, finally, to backup what I am theorizing:

There is a subject in this thread that concerns a sustained CME event due to being submerged in the magnetic ribbon field.

What if it has an effect on our consciousness as well? What if this theory below is true, and we experience a sustained consciousness field between humans when submerged in this magnetic ribbon field?

Check out this theory. It is called the **CEMI Theory, the electromagnetic field theory of consciousness.**

[\[link to en.wikipedia.org\]](#)

Cemi theory

The starting point for McFadden and Pockett's theory is the fact that every time a neuron fires to generate an action potential, and a postsynaptic potential in the next neuron down the line, it also generates a disturbance in the surrounding electromagnetic (em) field. McFadden has proposed that the brain's electromagnetic (em) field creates a representation of the information in the neurons. Studies undertaken towards the end of the twentieth century are argued to have shown that conscious experience correlates not with the number of neurons firing, but with the synchrony of that firing. [7] McFadden views the brain's em field as arising from the induced em field of neurons. The synchronous firing of neurons is, in this theory, argued to amplify the influence of the brain's em field fluctuations to a much greater extent than would be possible with the unsynchronised firing of neurons.

McFadden thinks that the em field could influence the brain in a number of ways. Redistribution of ions could modulate neuronal activity, given that voltage-gated ion channels are a key element in the progress of axon spikes. Neuronal firing is argued to be sensitive to the variation of as little as one millivolt across the cell membrane, or the involvement of a single extra ion channel. Transcranial magnetic stimulation is similarly argued to have demonstrated that weak em fields can influence brain activity.

McFadden proposes that the digital information from neurons is integrated to form a conscious electromagnetic information (cemi)field in the brain. Consciousness is suggested to be the component of this field that is transmitted back to neurons, and communicates its state externally. Thoughts are viewed as electromagnetic representations of neuronal information, and the experience of freewill in our choice of actions is argued to be our subjective experience of the cemi field acting on our neurons.

McFadden's view of freewill is deterministic. Neurons generate patterns in the em

field, which in turn modulate the firing of particular neurons. There is only conscious agency in the sense that the field or its download to neurons is conscious, but the processes of the brain themselves are driven by deterministic electromagnetic interactions. The feel of subjective experience or qualia corresponds to a particular configuration of the cemi field. This field representation is in this theory argued to integrate parts into a whole that has meaning, so a face is not seen as a random collection of features, but as somebody's face. The integration of information in the field is also suggested to resolve the binding problem.

Susan Pockett [8] has advanced a theory, which has a similar physical basis to McFadden's, with consciousness seen as identical to certain spatiotemporal patterns of the em field. However, whereas McFadden argues that his deterministic interpretation of the em field is not out-of-line with mainstream thinking, Pockett suggests that the em field comprises a universal consciousness that experiences the sensations, perceptions, thoughts and emotions of every conscious being in the universe. However, while McFadden thinks that the field is causal for actions, albeit deterministically, Pockett does not see the field as causal for our actions.

Quantum brain dynamics

The concepts underlying this theory derive from the physicists, Hiroomi Umezawa [9] and Herbert Frohlich [10] in the 1960s. More recently, their ideas have been elaborated by Mari Jibu and Kunio Yasue. Water comprises 70% of the brain, and quantum brain dynamics (QBD) proposes that the electric dipoles of the water molecules constitute a quantum field, referred to as the cortical field, with corticons as the quanta of the field. This cortical field is postulated to interact with quantum coherent waves generated by the biomolecules in neurons, which are suggested to propagate along the neuronal network. The idea of quantum coherent waves in the neuronal network derives from Frohlich. He viewed these waves as a means, by which order could be maintained in living systems, and argued that the neuronal network could support long-range correlation of dipoles. This theory suggests that the cortical field not only interacts with the neuronal network, but also to a good extent controls it.

The proponents of QBD differ somewhat as to the way in which consciousness arises in this system. Jibu and Yasue suggest that the interaction between the energy quanta (corticons) of the quantum field and the biomolecular waves of the neuronal network produces consciousness. However, another theorist, Giuseppe Vitiello, proposes that the quantum states produce two poles, a subjective representation of the external world and also the internal self. Consciousness, according to Vitiello, is not in either the external representation or the self, but in the opening of the self to the representation of the external world.

[\[link to www.unisci.com\]](http://www.unisci.com)

Our Conscious Mind Could Be An Electromagnetic Field

Are our thoughts made of the distributed kind of electromagnetic field that permeates space and carries the broadcast signal to the TV or radio. Professor Johnjoe McFadden from the School of Biomedical and Life Sciences at the University of Surrey in the UK believes **our conscious mind could be an**

electromagnetic field.

"The theory solves many previously intractable problems of consciousness and could have profound implications for our concepts of mind, free will, spirituality, the design of artificial intelligence, and even life and death," he said.

Most people consider "mind" to be all the conscious things that we are aware of. But much, if not most, mental activity goes on without awareness. Actions such as walking, changing gear in your car or peddling a bicycle can become as automatic as breathing.

The biggest puzzle in neuroscience is how the brain activity that we're aware of (consciousness) differs from the brain activity driving all of those unconscious actions.

When we see an object, signals from our retina travel along nerves as waves of electrically charged ions. When they reach the nerve terminus, the signal jumps to the next nerve via chemical neurotransmitters. The receiving nerve decides whether or not it will fire, based on the number of firing votes it receives from its upstream nerves.

In this way, electrical signals are processed in our brain before being transmitted to our body. But where, in all this movement of ions and chemicals, is consciousness? **Scientists can find no region or structure in the brain that specializes in conscious thinking. Consciousness remains a mystery.**

"Consciousness is what makes us 'human,' Professor McFadden said. "Language, creativity, emotions, spirituality, logical deduction, mental arithmetic, our sense of fairness, truth, ethics, are all inconceivable without consciousness." But what's it made of?

One of the fundamental questions of consciousness, known as the binding problem, can be explained by looking at a tree. Most people, when asked how many leaves they see, will answer "thousands." But neurobiology tells us that the information (all the leaves) is dissected and scattered among millions of widely separated neurones.

Scientists are trying to explain where in the brain all those leaves are stuck together to form the conscious impression of a whole tree. How does our brain bind information to generate consciousness?

What Professor McFadden realized was that every time a nerve fires, the electrical activity sends a signal to the brain's electromagnetic (em) field. But unlike solitary nerve signals, information that reaches the brain's em field is automatically bound together with all the other signals in the brain. The brain's em field does the binding that is characteristic of consciousness.

What Professor McFadden and, independently, the New Zealand-based neurobiologist Sue Pockett, **have proposed is that the brain's em field is consciousness.**

The brain's electromagnetic field is not just an information sink; it can influence our actions, pushing some neurons towards firing and others away from firing. This influence, Professor McFadden proposes, is the physical

manifestation of our conscious will.

The theory explains many of the peculiar features of consciousness, such as its involvement in the learning process.

Anyone learning to drive a car will have experienced how the first (very conscious) fumbblings are transformed through constant practice into automatic actions.

The neural networks driving those first uncertain fumbblings are precisely where we would expect to find nerves in the undecided state when a small nudge from the brain's em field can topple them towards or away from firing. The field will "fine tune" the neural pathway towards the desired goal.

But neurons are connected so that when they fire together, they wire together, to form stronger connections. After practice, the influence of the field will become dispensable. The activity will be learnt and may thereafter be performed unconsciously.

One of the objections to an electromagnetic field theory of consciousness is, if our minds are electromagnetic, then why don't we pass out when we walk under an electrical cable or any other source of external electromagnetic fields? The answer is that our skin, skull and cerebrospinal fluid shield us from external electric fields.

"The conscious electromagnetic information field is, at present, still a theory. But if true, there are many fascinating implications for the concept of free will, the nature of creativity or spirituality, consciousness in animals and even the significance of life and death.

"The theory explains why conscious actions feel so different from unconscious ones - it is because they plug into the vast pool of information held in the brain's electromagnetic field," Professor McFadden concluded.

The University of Surrey is one of the UK's leading professional, scientific and technological universities with a world class research profile and a reputation for excellence in teaching and research.

(Reference: The paper "Synchronous firing and its influence on the brain's electromagnetic field: evidence for an electromagnetic field theory of consciousness" by Johnjoe McFadden is published in the current edition of the Journal of Consciousness Studies, along with a commentary by Dr. Susan Pockett.)
-end

Myths of Paradise

A global myth declares that the world has not always been as it is experienced now. In a former time, man lived in a kind of paradise, close to the gods. It was the Golden Age. Throughout an eternal spring, the earth produced abundantly, free from the seasonal cycles of decay and rebirth. And under this remarkable cosmic order, man experienced neither war nor sickness, neither hunger nor any requirement of human labor.

This recurring and unexplained myth was carried into modern times by primitive races the world over. In Mexico native legends spoke of an ancestral generation whose every need was met, without cost. There was no sickness or hunger no poverty or sadness, and the gods dwelt among men. But this harmonious age didn't last, eventually succumbing to an overwhelming catastrophe.

According to the Cheyenne of North America the original race roamed naked, innocent and free, enjoying the natural abundance of an eternal spring. What followed, however, was an age of flood, war, and famine.

The Caribs of Surinam have a poignant memory of this fortunate epoch. "In a time long past, so long past that even the grandmothers of our grandmothers were not yet born," they say, "the world was quite other than what it is today: the trees were forever in fruit; the animals lived in perfect harmony, and the little agouti played fearlessly with the beard of the jaguar "

The South American Indians of Gran Chaco and Amazonia recall this as the Happy Place, where work was unknown because the fields produced abundance of their own accord.

The Hopi Indians proclaim that in the earliest time they were a marvelously contented race, at peace with their brothers. They knew nothing of sickness or conflict, and all things were provided by Mother Earth without any requirement of labor.

But these are just the American Indian versions of the story.

The aborigines of Australia insist that their first ancestors enjoyed a Golden Age, a Paradise of abundant game and without conflict of any kind.

Northern Europeans once celebrated this earliest age as the "Peace of Frodi," a mythical Danish king. Throughout this peaceful epoch no man injured another and a magical mill ground out peace and plenty for the entire land.

Memories of a Golden Age pervade the myths of Africa. The distinguished folklorist Herman Baumann reported that "Everything that happened in the primal age was different from today. People understood the language of animals and lived at peace with them; they knew no labor and had food in plenitude."

Sacred texts of ancient India recall this as the Krita Yuga or "Perfect Age," without disease, labor, suffering or war. The Iranians called it the age of the brilliant Yima, an age with "neither cold nor heat," an eternal spring. According to ancient Chinese lore, the purest pleasure and tranquillity once reigned throughout the world. Mythical histories called it "the Age of Perfect Virtue" and declared that "the whole creation enjoyed a state of happiness. . . all things grew without labor; and a universal fertility prevailed."

In their myths, rites and hymns the ancient Sumerians contrasted their own time to the earliest remembered age--what they called "the days of old," or "that day," when the gods "gave man abundance, the day when vegetation flourished." This was when the supreme god An "engendered the year of abundance." To this primeval age, every Sumerian priest looked back as the reference for the preferred order of things,

*which
was lost through later conflict and deluge.*

In the city of Eridu at the mouth of the Euphrates, the priests recalled a Golden Age prior to familiar history. The predecessors of their race, it was claimed, had formerly reposed in the paradise of Dilmun, called the "Pure Place" of man's genesis. This lost paradise of Dilmun, about which scholars have debated for decades, is strangely reminiscent of the paradise of Eden.

"That place was pure, that place was clean. In Dilmun...the lion mangled not. The wolf ravaged not the lambs," the Sumerian texts read. The inhabitants of this paradise lived in a state of near perfection, in communion with the gods, drinking the waters of life and enjoying unbounded prosperity.

Ancient Egypt, an acknowledged cradle of civilization, preserved a remarkably similar memory. Not just in their religious and mythical texts, but in every sacred activity, the Egyptians incessantly looked backwards, to events of the Zep Tepi. The phrase means the "First Time," a time of perfection "before rage or clamor or strife or uproar had come about," as the texts themselves put it. This was the paradise of Ra, and the memories of that time echoed through centuries of Egyptian thought. "The land was in abundance," the texts say. "There was no year of hunger. . .Walls did not fall; thorns did not pierce in the time of the Primeval Gods."

Or from another text: "there was no unrighteousness in the land, no crocodile seized, no snake bit in the time of the First Gods."

Cosmic harmony, abundance, paradise on earth. To this paradisaal, according to the great nineteenth century scholar Francois Lenormant, the Egyptians "continually looked back with regret and envy." The golden age of Ra was, for the Egyptians, the great "example" setting a standard for all later ages.

[quote: Sickscent]

I am coming closer and closer to truly thinking this will have to do with consciousness as well.

Updated March 30, 2010 Magnets Can Sway 'Moral Compass,' Say MIT Researchers

NewsCore

People's moral judgment can be altered by disrupting part of the brain according to a U.S. study, AFP reported Tuesday.

Researchers at the Massachusetts Institute of Technology (MIT) disrupted activity in the right temporo-parietal junction (TPJ), located above and behind the right ear, an area usually highly active when we think about what we believe the outcome of a particular act will be.

The researchers disrupted the TPJ by inducing a current in the brain using a

magnetic field applied to the scalp and asked study participants to read a series of scenarios posing moral conundrums.

In one scenario, a person called Grace and her friend took a tour of a chemical plant when Grace stops at the coffee machine. Her friend asks her to get her a coffee with sugar. A container by the coffee machine is marked 'toxic' but contains sugar -- Grace does not know that. She puts it in her friend's coffee anyway and her friend is unharmed.

Participants in the study, published in the Proceedings of the National Academy of Sciences, were asked to judge on a scale of one to seven if they thought what Grace did was morally acceptable. One ranks as "absolutely forbidden" and seven as "absolutely permissible."

Two experiments were conducted: during one, participants were asked to judge the scenarios' characters after magnetic pulses were sent to their TPJs for 25 minutes, and in the other they passed judgment while undergoing very short bursts of magnetic interference.

In both experiments, disrupting normal neural activity in the right TPJ switched off the part of people's "moral compass."

When it was disrupted, participants were more likely to judge failed attempts to harm another person as morally permissible than those participants whose right TPJs were not altered.

[/quote]