

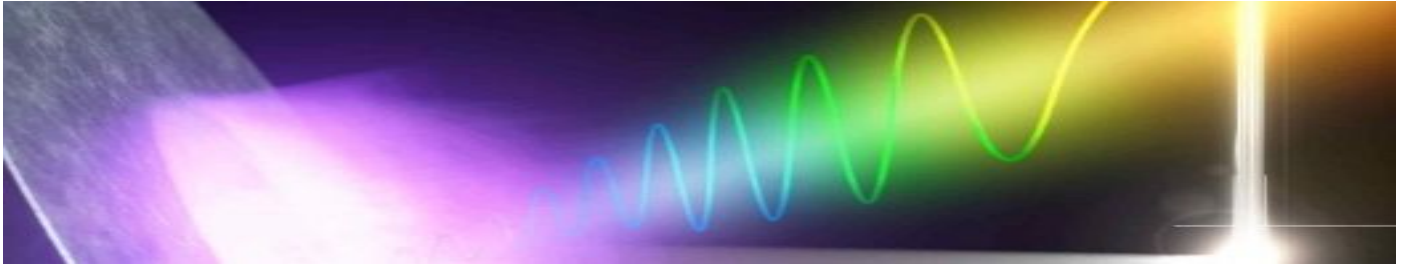
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Neutrinic
Elixirs

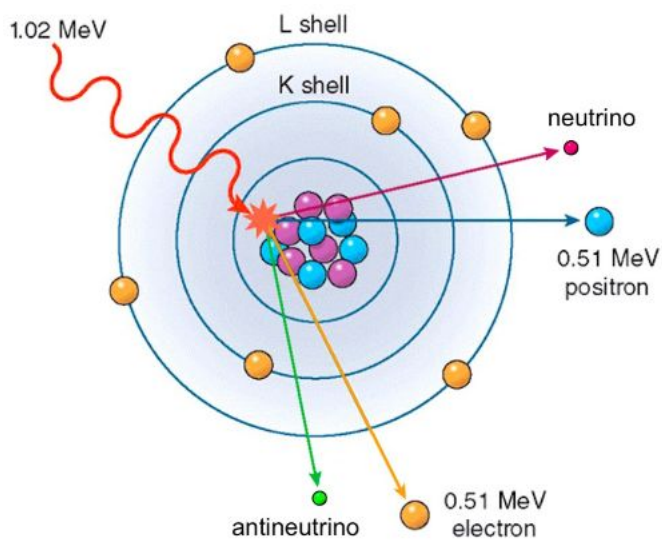
Neutrinic Elixirs

The unification of theoretical physics principles with observations obtained by new experimental neutrino detector arrays has driven an explosion of quantum physics knowledge at the present time. Resonant transmutation alchemy informs advanced applications of positronic fluids¹, exemplified since ancient times by the Vedic elixir *Soma*, offering us a penetrating insight into the quantum biology of psychic awareness.

Theoretical predictions of the phenomena of *electron-positron pair production* emerged in the 1930s to account for observed interactions of 1.02 MeV γ -photons with atomic nuclei. The standard pair production model was recently amended in 2022, by applied software modeling of photon-matter interactions. A close comparison of event simulations suggests *a neutrino and an antineutrino are also emitted in the process*:



An alternative Feynman diagram for electron-positron pair production, in which neutrino and antineutrino are also produced on the same pathway, is introduced here. In the proposed pair production process, a portion of the momentum is carried by neutrinos and antineutrinos, allowing the rest of the momentum for the electron-positron pair. [Monte Carlo software] simulations to inspect the proposed pair production process were conducted in this research using the EGS5 code system while modifying its subroutine "PAIR"...

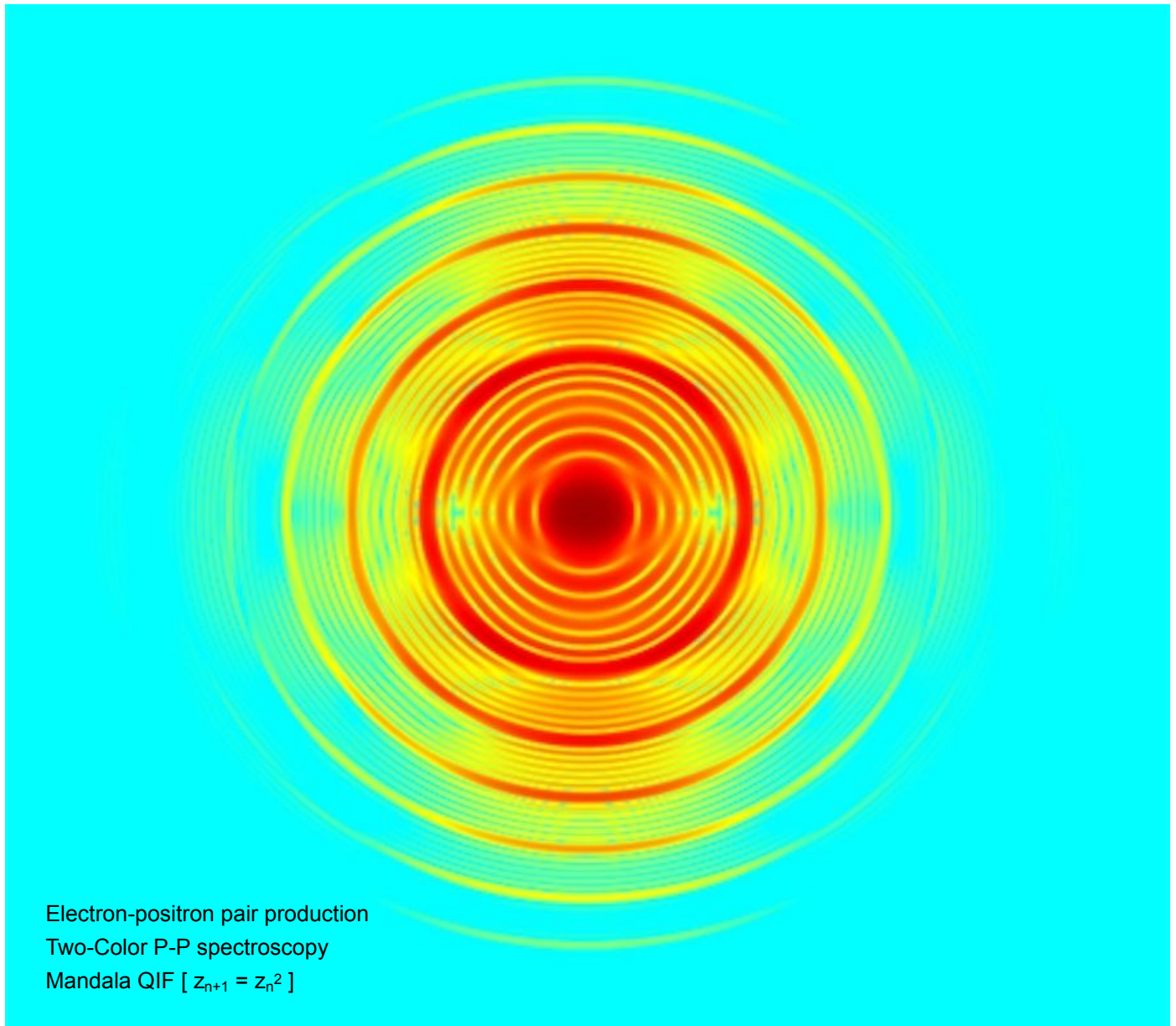


Simulation results provided a comparison between the original pair production process and the proposed pair production process. Spectral results showed that changes in the region around 1-2 MeV and in the photopeak region were remarkable, therefore detectable. The alternative pair production process, firstly introduced in this paper, led to production of a larger flux of neutrinos from gamma radiation. This additional neutrino production and its contribution to non-baryonic dark matter are discussed.

Photons transported through matter have the probability to produce pairs of matter-antimatter, such as e^-e^+ , if two conditions have been fulfilled: 1) photon energy is above a threshold dictated by the rest mass of the pair of particles, and 2) the presence of an electromagnetic field within the photon path. Thus, pair production cross section is linearly dependent on the atomic Z-number for atomic electron field interactions, as well as dependent on the square of Z for nuclear field interactions (Hubbell & Seltzer, 2004)...

In the current study, the EGS5 Monte Carlo system was chosen to simulate a modified PP process that includes neutrino-antineutrino pair production... The results in this paper indicate that a PP that includes neutrinos is detectable in cases in which the escaped neutrinos extract some fraction of the total momentum. The question is whether or not the PP process includes neutrino and antineutrino production, and it is recommended that this be experimentally studied.

Current estimates of neutrino flux in the galaxy contribute to small mass of the total estimated dark matter density to account for its entire amount... In the event that additional neutrino (antineutrino) flux is produced by gamma radiation from stars, as a result of the proposed PP process [as illustrated, at left], the neutrino average number density would be higher by several orders of magnitude. Hence, a larger portion of the total estimated dark matter density may be contributed by neutrinos.²



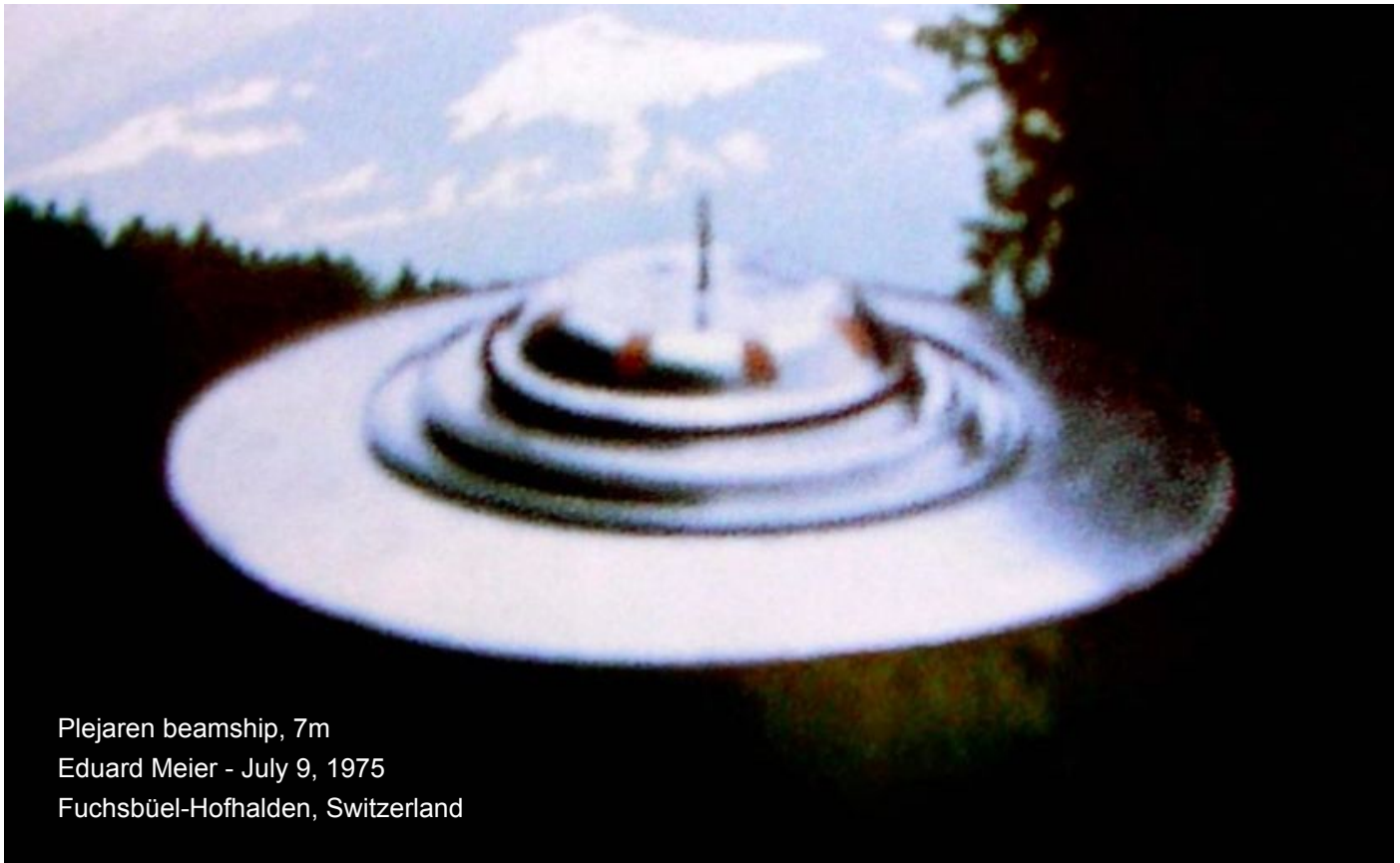
In 2020, high-resolution imaging of the electron-positron, neutrino-antineutrino pair production event was captured by the Two-Color Phase-of-the-Phase (P-P) spectroscopy technique (above).³ The sets of fine concentric circles visible in the pair production image display the nonlinear octagonal mandala format of standing wave resonance resembling the electron, imaged by Attosecond Quantum Stroboscope in 2008.⁴

The 2022 pair production software simulation subsequently revealed the previously unrecognized neutrino-antineutrino component of the photon-heavy nuclei interaction. The stunning, iconic quality of the Two-Color P-P image reflects the nonlinear, ocular structure of the Unity Field; defined in prior works by this author as the mandala quantum iterated function (QIF) for standing wave resonance [$z_{n+1} = z_n^2$].⁵ The term '*octagonal complexigram*' has been aptly applied to describe this transdimensional, subatomic mandala.

As reported, pair production is most likely to take place when γ photons interact with the nuclei of heavy atoms, which supports information provided by the ancient Siddha and Ayurveda traditions in Asia, as well as through the informed publications by various UFO contactees from disparate regions of the world.

Technical details on antigravity propulsion were shared by Brazilian Aladino Felix in 1959⁶, and by Robert J. Grugeau (alias Robert Charroux) in 1964. Metal alloy samples were shared with Eduard Meier in 1976, and opportunities to photograph the nonlinear standing wave structure of Plejaren beamships (opposite).

Ancient techniques applying neutrino-emissions to the human body replicate the vitalizing bio-effects of the *neutrinic* hulls of ET spacecraft, which have been specifically described by contactees in many cases. Ancient Siddha bhasma formulations reflect the photoluminescence emissions of radioactive spacecraft alloys, according to statements by Robert Grugeau (who traveled in Baavi spacecraft called '*vaidorges*')



Plejaren beamship, 7m
Eduard Meier - July 9, 1975
Fuchsbüel-Hofhalden, Switzerland

The *vaidorges* of Baavi [–a small planet in the Proxima Centauri star system–] are antigravitational machines which utilize these forces. They have *neutrinic hulls* with negative weight. They enter into resonance with gravitational waves which are propagated at a speed greater than that of light, and penetrate everywhere. This entrance into resonance produces an energy that opposes the effects of [inertial] mass if the spacecraft is already in an environment of negative weight and autonomous gravitational force.

After twenty pages in which he explains the whole scientific process of travel in time and space, Mr. Y. comes to the critical moment when the *vaidorge*, having reached the frontier of gravitational speed, plunges into anti-time, or the anti-universe, without being disintegrated. In this connection, he says, we must not confuse the “universe of negative time” (known as anti-time) with the negative particles of the expanding universe (our universe) which constitute anti-worlds. An anti-world is only another galaxy whose matter is antimatter for our galaxy. The universe of negative time flows in the direction opposite to ours; it is the contracting universe.⁷

Highly advanced scientific statements published in 1964 were reiterated by investigators studying metal alloy samples from the ET contact case of Swiss farmer Eduard Meier. During the 1970s and early 1980s (prior to the advent of digital image manipulation), Meier was invited to capture extraordinary documentary photographs of multiple disc-shaped spacecraft piloted by the Plejaren ET visitors (above).

Various samples from successive stages of the beamship alloy manufacturing process were examined by several research institutions in multiple countries, revealing unique material properties. Spectroscopy analyses conducted in 1979 by Dr. Marcel Vogel, IBM labs senior head research scientist for 27 years, revealed samples of the final stage of Plejaren beamship alloy manufacturing “present a smooth curve of elements from the lightest to the heaviest elements”. Quasicrystalline structure were revealed under high magnification microscopy, generating emissions of coherent light (i.e. photon beams composed of uniform wavelengths in phase). None of these features had ever been observed by any of the investigators.

The 2022 findings concerning the additional neutrino-antineutrino emission of the pair production process provide a clear explanation for the quantum properties documented by Dr. Vogel in relation to the smooth curve of elemental composition. *Neutrino flux density appears to be involved in the enhancement effects.*

These results also clarify the significant functions of the heavy element composition of ferrite geopolymer samples obtained from the Giza Plateau in Egypt⁸ and metallic alloy debris recovered by investigators from the 1947 San Augustine Plains UFO crash.⁹ Both classes of materials present a great diversity of heavy elements from the lanthanide series all the way through to uranium and possibly beyond. (Testing for isotopes heavier than U²³⁸ was not conducted for the Giza ferrites or the New Mexico UFO debris.)

- Radioactive element

San Augustine UFO crash reveals very high proportions of the heavy elements. While significant variations among the respective levels of these elements can be observed, the presence of the vast majority of lanthanides and a few actinides reveals their combined function *as superconductors*.

Among the lighter elements incorporated into the Giza ferrites and UFO alloys are elevated levels of vanadium, for its positron-neutrino emission, as well as antiferromagnetic materials such as chromium (Cr), manganese (Mn), iron hematite (Fe₂O₃) and nickel oxide (NiO). These compounds confer the requisite properties to composites or alloys applied in the manufacture of superconducting metamaterials:

Primary identification of the optimal material properties for antigravity alloys have been experimentally tested and reported by more than one group. The axis-symmetric shape of the object to be levitated, as well as its resonant crystalline material composition, endows antigravitic properties that act to transduce incident radiation into resonant standing waves encircling the object. Fran De Aquino, physicist at Maranhão State University in S. Luis, Brazil, has mathematically modeled antigravitic effects observed in the extra-low frequency acoustic levitation of electroluminescent objects¹⁰:

According to the weak form of Einstein's general relativity equivalence principle, the gravitational and inertial masses are equivalent... [To the contrary,] we have shown that the gravitational mass and the inertial mass are correlated by an adimensional factor, which depends on the incident radiation upon the particle. It was shown that only in the absence of electromagnetic radiation this factor becomes equal to 1 and that... it can be reduced, nullified or made negative by means of extra-low frequency (ELF) radiation.

We have studied the possibility to control the gravity on luminescent materials and concluded that electro-luminescent materials with high refractive indices are... an efficient solution for gravity control technology.¹¹

Antigravitic systems apply electroluminescent alloys and compounds, including various heavy, oxide-based upconversion nanophosphors, in combination with superheavy radioactive elements including moscovium, murinide, kironide and corbomite –*according to Area 51 geologist and metallurgist Dr. Phil Schneider*.¹²



Atlantean ferrite geopolymer
Central Pyramid - Giza, Egypt

The clear correlation of elemental composition observed between the Giza ferrite geopolymers and UFO alloys can now be succinctly characterized as formulations of unstable elements, emphasizing blends of heavy elements for enhancing γ -ray-induced positron-electron and neutrino-antineutrino pair production.

The ubiquitous presence of ferrite geopolymers at Atlantean cities all over the world represents compelling evidence that multi-ferrite blends induce high-temperature superconductivity. These isotopic combinations have also been applied in US Dept of Naval Intel retro-engineering projects known as the *Aurora Program*, incorporating the blend in the manufacture of the double-hulls of aerospace vehicles of all sizes and types.



Be	Sc	V	Cr	Co	Ni	Cu	Zn	Ga	Rb	Sr	Y	Zr	Nb	Mo	Cs	Ba	La
11.54	1.13	229.94	44.31	112.22	320.09	2.98	813.86	2.36	1.89	1046.12	186.43	6.34	0.61	15.53	0.14	60.07	51.69
Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Pb	Th	U	
207.49	31.47	160.36	38.66	9.85	47.16	6.10	37.08	6.51	19.24	2.36	16.37	2.15	0.65	2.70	0.83	57.46	

The relative porosity and resulting high water absorption capacity demonstrated by ferrite geopolymer cements is perfectly aligned with a function in water purification by exposure to ionizing radiation, while conducting pulsed electrical currents that strip nanoparticles from the ferrite metals into the water flow.

Multi-ferrite combinations observed in Atlantean pyramid complexes and aerospace alloys display a highly selective application of scores of radioactive elements with various decay modes in a previously unknown type of ferrite composite *for generating intermittent or pulsed superconductivity*. Waves of electric current flow in phase with the oscillations of infrasonic gravity waves focused by cosmic and planetary resonance.

High nickel content in the Giza ferrites suggests the element's importance for control of superconductivity. The element was highlighted in the Cassiopaea communications of L. Knight-Jadczyk on July 14, 1997:

Q: (L) Is it necessary to interact with other souls that are resonating... A: Laura, give Chloe a chance to absorb and respond with her two cents. After all, it is her "nickel."

The use of quotation marks was specified in earlier sessions as a means of implicating a double meaning. The Cassiopaeans later responded to Arkadiusz's query on neutrinos during a session on August 1, 1998:

Q: (A) When looking for clues about Lodz, we came upon these pages of the guy from Lodz, whom I know. He speculates about faster than light particles. The main hypothesis is that neutrinos really travel faster than light. Is this the case? A: This is opening a doorway to hyperspace... Combine with those on the pathway of wormholes.

Those brief remarks alluded to an intriguing connection between neutrino emission and Einstein-Rosen Bridges. Further psychic nudges were offered by the Cs during a subsequent session on June 19, 1999:

A: Research this for definitive answers to your question. What about the positive/negative ratio between Earth's ionosphere and possible passing "objects?"

Q: (L) Well, that's what I was asking. These fellows claim that there will be discharges either between the sun and the comet, or the comet and the planets, or the planets and the planets, or the sun and the planets... all the bases are covered! A: No they have not. What about the "vacuum" of space?

Q: (L) Are you saying that this electrical discharge can't create visible bolts of lightning because of the vacuum conditions of space? A: No we are not. We are posing a question in order to stimulate intellectual debate and inquiry. Learning is fun, after all!

Q: (A) I want to ask about the 'plasma theory of comets' which the Millennium Group is promoting. A: The plasma theory is correct, when certain factors are present. Could it have something to do with the composition of the object in question?

Q: (A) This is exactly the question. The object in question is the comet, and the question is: what is its composition, is it a dirty snowball, or is it a charged object that collects particles on its way like the 'vacuum cleaner' model? A: Nickel?

Q: (L) So the composition of this particular comet is nickel? A: No, we are almost desperately trying to "jump start" your intellectual capacities. Remember, this is a group effort here. Not a series of questions from the meek and helpless to the Lord High Commander!!

Q: It seems that they are desperately trying to tell us something without violating free will, but we have to participate in order to receive it. A: Yes.

Q: (A) I just want to know about this particular comet? A: Nickel?

Q: (L) What do we know about nickel? (A) There are all kinds of things about nickel. It is a metal. The question is whether nickel has anything to do with this particular comet. A: If it does, it could be vital.

Q: (A) What is the composition of this comet? A: Most comets are indeed "dirty snowballs," composed largely of water ice and particulate matter. But, some are more like fast moving asteroids caught up in an orbital plane. Your "Millennium Group" is maybe just a bit too one-side-or-the-otherish at this point. Thus, a spectral analysis of this object is in order before one assumes it to be a cosmic vacuum cleaner.

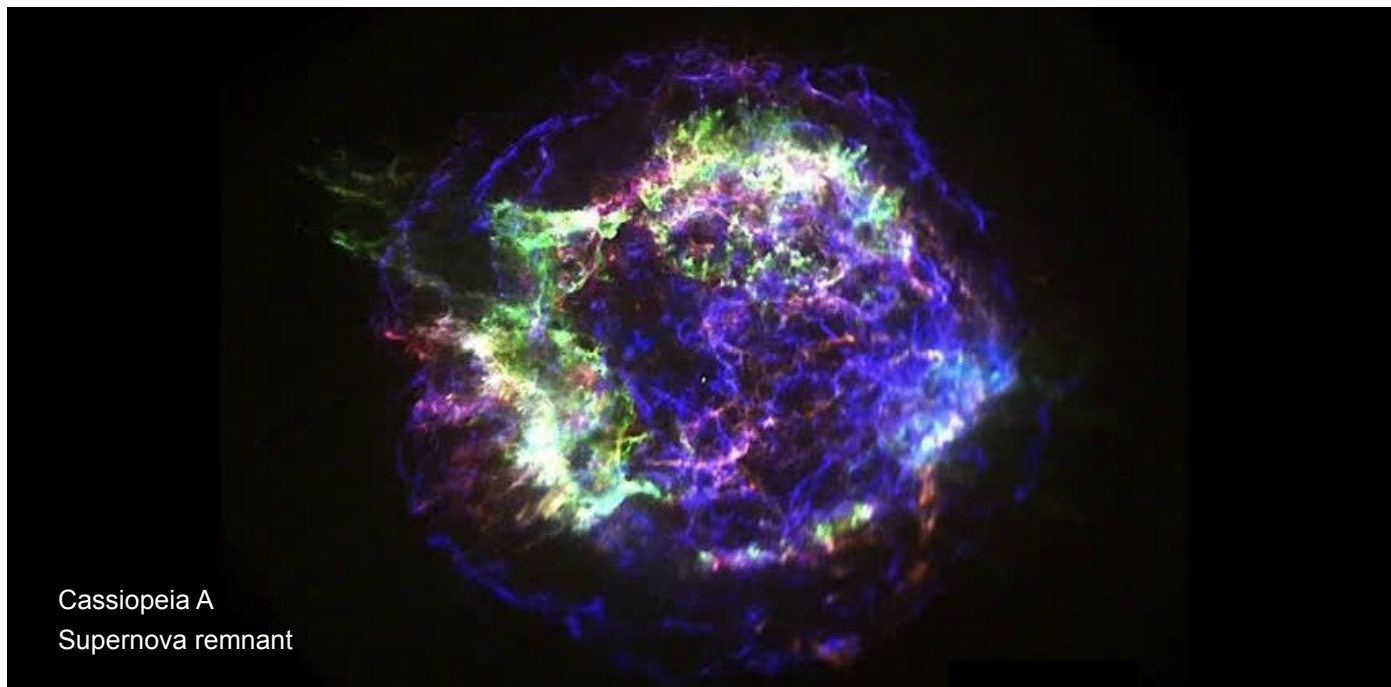
Q: (A) I guess from this that, even if these guys can be in some cases correct, this comet, after analyzing, will prove to be just an ordinary dirty snowball. That is my guess. A: No guessing allowed!

Q: (L) These guys say that they have repeatedly asked to get some data on this comet from the various government sources who have the capacity to do such analyses, simply have not been forthcoming with this information as though they have something to hide. A: They are not the only ones who can analyze.

Q: (L) That's what I mean. If there is nothing crucial about this at the moment, if spectral analysis is what we need to find and you are not going to tell us what it is composed of... ARE you going to tell us? What is it composed of? Or do we have to do a spectral analysis and find out on our own? A: Have we not already indicated? Knowledge is power. If we give it to you like Halloween candy, it is diffused.

Q: (L) You said that the primary composition of this comet is nickel? A: No, we said "nickel?"

Q: (L) What does 'nickel' mean? (A) It's a shiny metal. (L) A coin, a five cent piece... A: What does molten nickel look like against the backdrop of space?



Cassiopeia A
Supernova remnant

Q: (A) It would look like silver... (L) Would it have a color? (A) I don't think so. A: Does it conduct electricity? Is it magnetic?

Q: (A) Yes, it can conduct, but it's not magnetic. Why 'molten?' A: What about the "tail" of such an object coming into contact with the ionosphere?

Q: (L) Oh. I think I get it. The Nostradamus thing about a great comet's tail or something... let me look it up: After great trouble for humanity, a greater one is prepared. The Great Mover renews the ages: Rain, blood, milk, famine, steel and plague. Is the heaven's fire seen, a long spark running. This one is supposed to refer to something that occurs at the turn of the Millennium... is this what we are getting at here? Something that will look like a 'long spark running' which then comes in contact with the ionosphere which may exchange potentials with the earth by virtue of this conducting, molten nickel tail? Yes?? Is that good? A: Ask Arkadiusz.

Q: (L) Well, honey... am I on to something here? (A) The point is that this comet is in space. Space is rather cold, so the question is: what would make nickel molten? (L) Well, it will be close to the sun! That will heat it up! (A) This particular comet is not going to come close enough to the sun to melt it! (L) Well then, how can the nickel be molten??? A: What about flares?... Is nickel magnetic?

Q: (L) No. What does it mean to this subject that a nickel is not magnetic? A: Does nickel have a companion?

Q: (A) Well, when we say a 'companion', it means another metal in the same family in the Mendeleev Table. I believe that cobalt and nickel are in the same family, but I will have to check... A: And cobalt is invisible in the good old vacuum of space, but not nickel!

Q: (L) Does that mean it will attract cobalt? A: No, cobalt will attract.

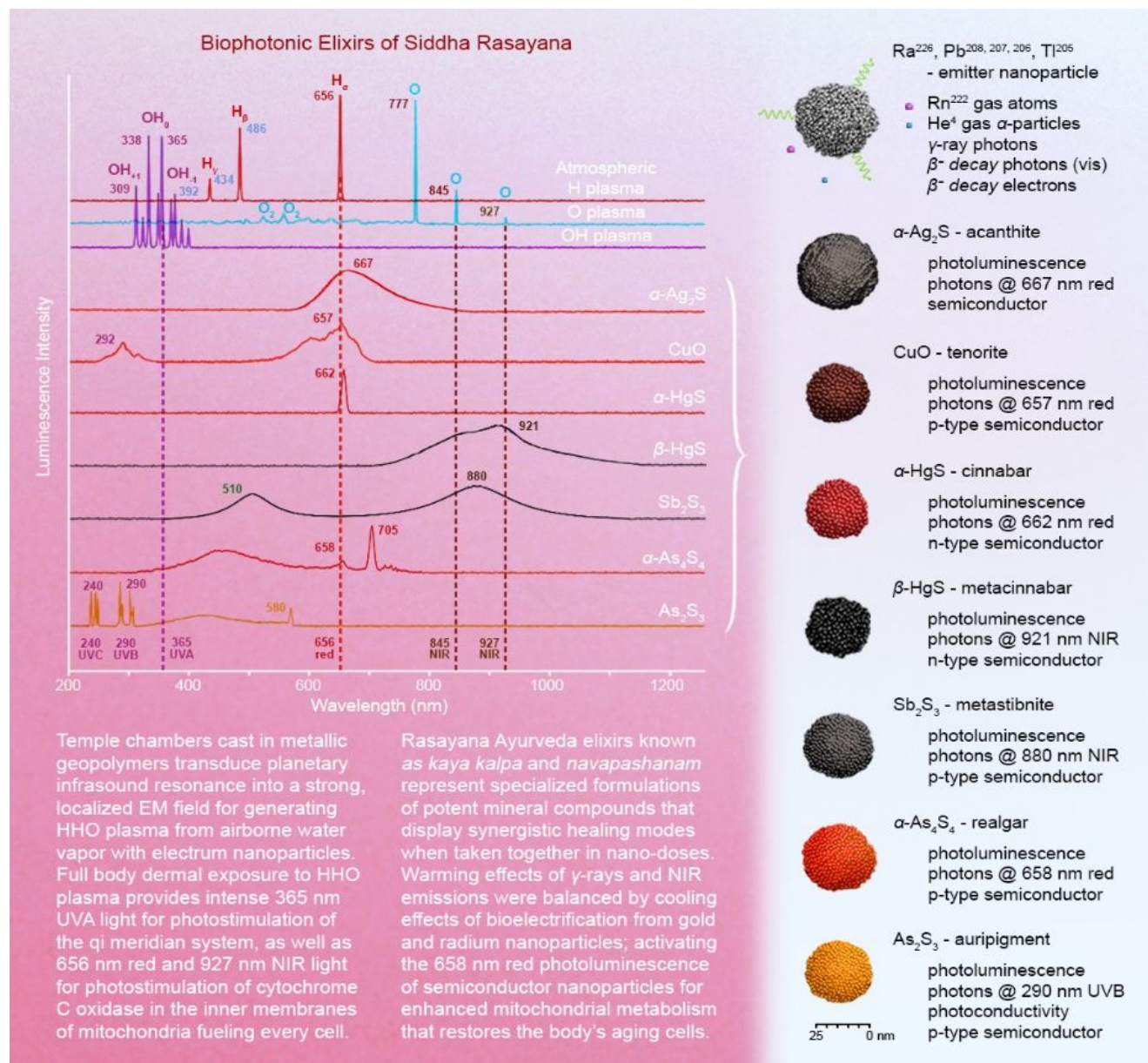
Q: (L) The cobalt will attract flares... electromagnetic phenomena... A: Et al.

Q: (L) I see. A: Now, you need to know the composition of this comet... And any other closely following same. We have alluded to the increased cometary activity before. Oort, and that [binary sun] which cyclically disturbs it.

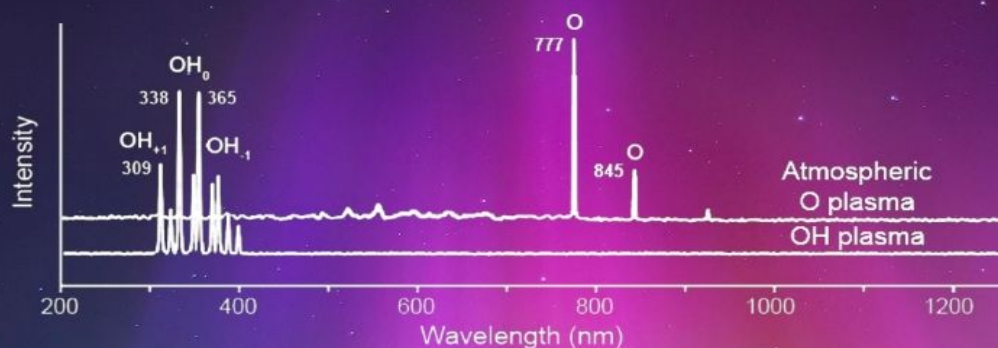
While the context of the dialog pertained to the composition of comets, the Cs suggested a review of the properties of nickel. They mention nickel multiple times, asking about its magnetism and spectral emission lines, and even suggested "it could be vital" (i.e. emitting 'vital' psychic forces in the form of a neutrino flux).

Nickel is *antiferromagnetic*, presenting an alternating magnetic orientation of atoms in the lattice conferring properties similar to paramagnetism, but instead showing enhancement at higher temperatures. Iron and cobalt are ferromagnetic elements that display a uniform magnetic orientation of atoms in the lattice. These key differences inform their uses in modern industry. The Cs dropped clues regarding the importance of nickel and its relationship to cobalt, highlighting special optoelectronic properties that dictate their particular applications in electronic devices in the form of either soft ferrites (Ni), or hard/semi-hard ferrites (Co).

The dialog regarding spectral emissions of cometary nickel included further hinting from the Cs that was never followed-up by Laura, Arkadiusz or anyone else in their mediumship group. Clearly, the Cs were imploring the group to research the spectral emission lines of nickel, displaying peaks in the UV range.



What is significant about the ultraviolet emission range of nickel atoms that caused the Cassiopaeans to refocus our attention? Nickel oxide (NiO) nanoparticles display photoluminescence (PL) peaks at 338 and 356 nm, closely corresponding to UV-A frequencies of auroral OH_{+1} , OH_0 and OH_{-1} plasma emission lines (opposite). The strong correlations between emission lines of these elements has long been overlooked. These findings implicate potential health benefits can be obtained from the use of colloidal nickel oxide skincare products, whereby solar UV rays induce photoluminescence in low-concentration epidermal NiO nanoparticles. PL emission from ingested NiO requires γ -ray activation from radium (Ra) bhasma sources.

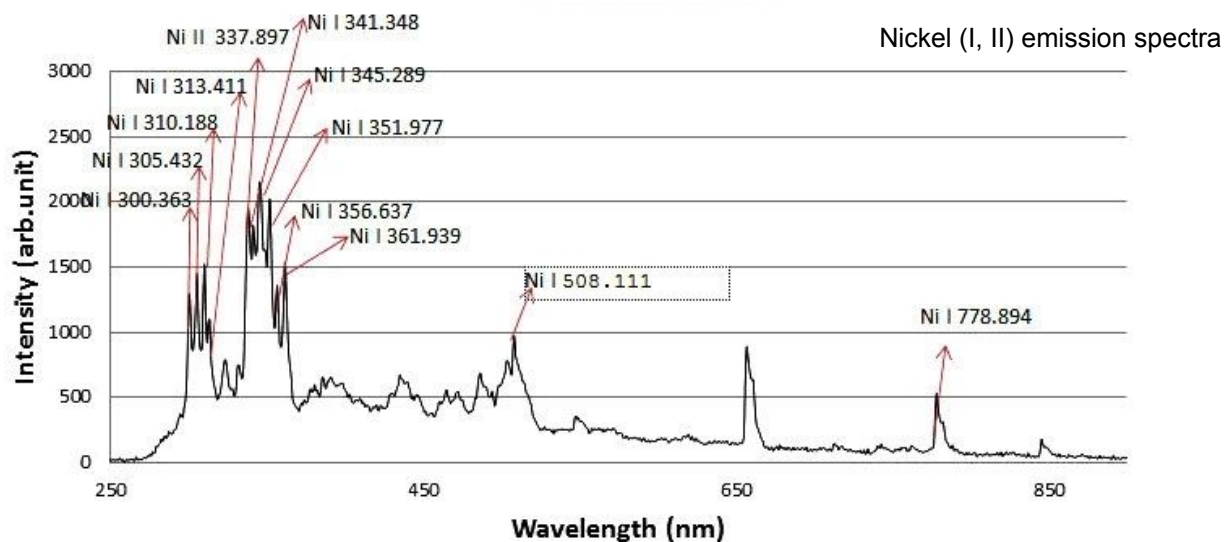


The Cs hints "you're getting warmer" and "from the fire comes light" reference internal heat from α -decay and PL emissions activated in bhasmas. Sacred Hindu texts state the body of Shiva is hot, and his blood is mercury. On July 22, 2000, the Cs exclaimed "You get a silver star,... but gold ones are even better!". The broadband PL emission of Au nanoparticles spans the red, NIR and IR-B ranges from 640-1560 nm.¹³

The Cassiopaeon thought-forms also alluded to the beneficial PL emission of nickel atoms that closely matches the particular band of photon frequencies that activate the qi meridian system, according to highly suppressed biophotonics research findings published nearly 2 decades ago.¹⁴ In 2005, researchers at Seoul National University, Korea reported UV-A-induced activation of the fluid flow rate of the qi meridian system by exposure to photons in the 355-375 nm range matching photoluminescence emission of nickel:

The effects of UV-A and visible light on the motion of Bonghan Granules (BHG) were reported. It was shown that the average velocity and acceleration increased significantly after irradiation with UV-A light (355-375 nm), although there was no notable change after irradiation with blue light (380-420 nm). The absorber of the UV-A light might be DNA molecules inside the BHGs and the BHG could be thought as an active Brownian particle...

The UV-A irradiation (355-375 nm) caused a significant increase in both velocity and acceleration. After irradiation with UV-A light for 15 minutes, the average velocity and acceleration of BHGs increased from $3.2 \pm 0.1 \mu\text{m/s}$ and $2.1 \times 10 \pm 4.0 \times 10 \mu\text{m/s}^2$ to $5.2 \pm 0.3 \mu\text{m/s}^2$ and $3.0 \times 10 \pm 1.0 \times 10 \mu\text{m/s}^2$. The increases of velocity and acceleration were immediate; the time delay of the change was less than 2 minutes. When the UV-A irradiation was ceased, the average velocity of BHGs dropped to $4.0 \pm 1.0 \mu\text{m/s}$.¹⁵



This synchronicity closely reflects the correspondence of the photoluminescence peaks of atmospheric hydrogen (red H_α line) and oxygen (NIR O lines) with the metabolic activity of cytochrome-C oxidase, indicative of a fundamental adaptation of mitochondria in eukaryotic cells to excited auroral atmospheric emissions. Fueling of cellular processes by plasma radiations reveals keys to achieving extreme longevity.

Utilization of atomic forces for fueling cellular metabolism, physical regeneration and achieving extended lifespans represents the universal form of energy assimilation that frees humanity to travel through space and time. This subject of time travel was addressed during an earlier session, on November 19, 1994:

- Q: (L) I would like to know what is the specific mode of time travel? A: Complex. Q: (L) Well, just give us a clue here? A: Transdimensional transfer utilizing electromagnetic adjustment of atomic structure to alter speed of time cycle convergence... You do not understand technology but we will describe it if you like.
- Q: (L) We like. Please describe this. A: Okay. Get ready. First we must explain further time "travel" because the two concepts are closely related. The first step is to artificially induce an electromagnetic field. This opens the door between dimensions of reality. Next, thoughts must be channeled by participant in order to access reality bonding channel. They must then focus the energy to the proper dimensional bridge. The electrons must be arranged in correct frequency wave. Then the triage must be sent through realm "curtain" in order to balance perceptions at all density levels.
- Q: (L) Information in the event that has to be balanced or taken into consideration as to importance so that the program runs correctly. Is this the correct interpretation of triage as you have used it? A: Sort of. Triage is as follows: 1. Matter, 2. Energy, 3. Perception of reality. That is it folks.

The Cassiopaeans expounded on the subject of neutrinos, photons and vibratory frequencies during a spectacular transmission of high-level particle physics information given during a May 27, 2000 session:

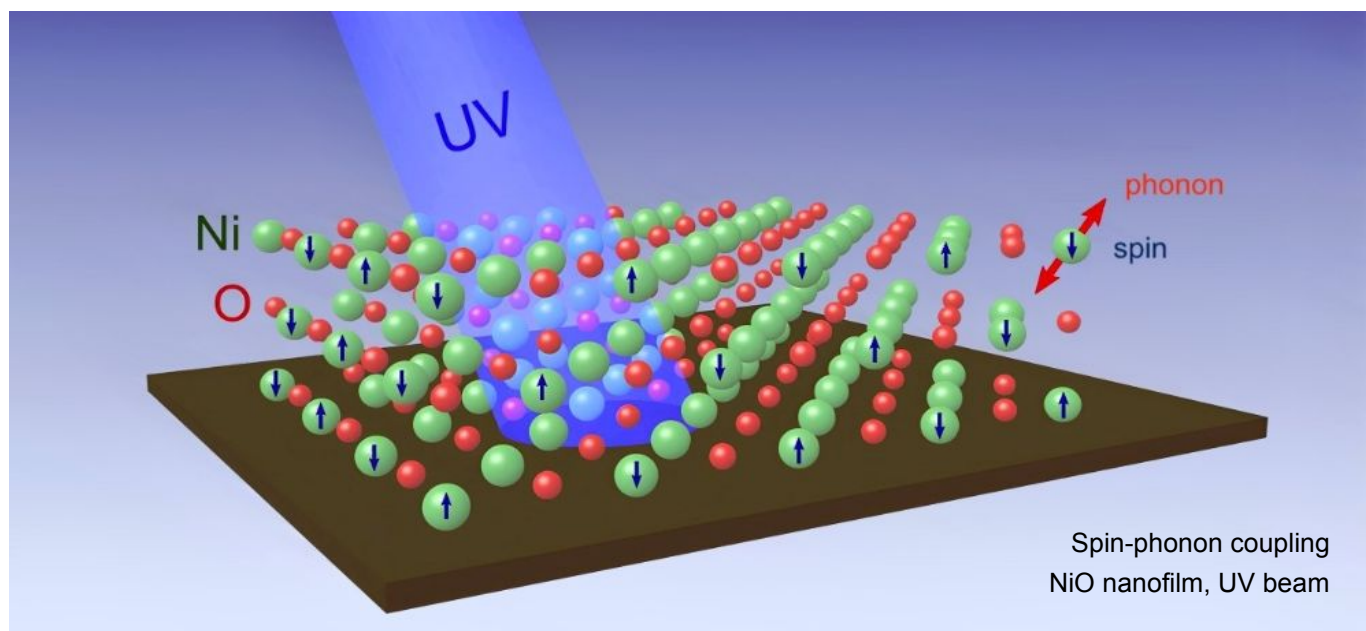
- Q: (L) Moving along to the next question: we have been discussing memories and how memories of, say, past lives are stored, and that leads to the question of what is the structure and composition of the soul? How does the soul remember? How does it carry its memories from lifetime to lifetime, from body to body, whether simultaneous or sequential? How does the soul "store" them? A: Has to do with atomic principles. These with gravity present the borderland for the material and the nonmaterial. Which theoretical atomic particulates would you think form the basis here?... Neutrinos...
- Q: (L) In terms of these neutrinos and soul composition, how are memories formed or held or patterned with these neutrinos? A: Contained within for release when and if suitable... More data per unit, sort of... [i.e. gaining neutrinos = gaining memory access]
- Q: (L) Does this increased density of data change the nature or function of the individual neutrino? A: Maybe it changes the function of the awareness, thus the environs.
- Q: (L) Is there a specific number of neutrinos that constitutes a consciousness unit, or soul? A: Number is not quite the right concept. Orientation is closer.
- Q: (L) What are the orientational options? A: Vibrational frequencies.
- Q: (L) Do vibrational frequencies increase or decrease with density of data? A: Change; better not to quantify.
- Q: (A) We are talking about soul. Soul is what density, in concept? A: Ark, are neutrinos related to the concept of a bridge into pure energy in some way?
- Q: (A) Yes. I was going in that direction... Are neutrinos the fundamental... particle, so to speak? A: More like a midpoint with spherical outward expansive quality. Tetrahedron, pentagon, hexagon.

These very interesting comments on the subjects of Astral memory and particle-antiparticle physics find even greater significance at the present time. Neutrino research has advanced in many new directions in the 2 decades since the session, with many new discoveries regarding metals such as iron and nickel.

Transparent, conductive NiO films were deposited on glass or silicon substrates for annealing at 200, 400 and 500°C, yielding specialized materials for novel optoelectronic applications (Ivanova *et al.*, 2022). New optics possibilities afforded by the semi-transparency of the nickel oxide films can be applied to produce transparent photovoltaic cells, allowing windows and skylights to be used as light harvesting surfaces.

In 2017, researchers at the University of California, Riverside reported on the excitation of NiO surfaces with UV lasers, revealed the dynamics of phonon propagation induced by atomic spin states of nickel atoms. The report concludes that *spin-phonon coupling* is generated within the antiferromagnetic insulator:

We report the results of ultraviolet Raman spectroscopy of NiO, which allowed us to determine the spin-phonon coupling coefficients in this important antiferromagnetic material. The use of the second-order phonon scattering and ultraviolet laser excitation ($\lambda = 325$ nm) was essential for overcoming the problem of the optical selection rules and dominance of the two-magnon band in the visible Raman spectrum of NiO.



We established that the spins of Ni atoms [in the excited NiO lattice] interact more strongly with the longitudinal than transverse optical phonons and produce opposite effects on the phonon energies. The peculiarities of the spin-phonon coupling [phenomena] are consistent with the trends given by density functional theory. The obtained results shed light on the nature of spin-phonon coupling in antiferromagnetic insulators, and can help in developing [novel] spintronic devices.¹⁶

The recognition of spin-phonon coupling in NiO was accompanied by another advance in 2017 regarding the formation of Bose-Einstein Condensate (BEC) in NiCl_2 , following previous reports of the phenomena in $\text{NiCl}_2 \cdot 4\text{SC}(\text{NH}_2)_2$ (Paduan-Filho, Gratens, Oliveira, 2004; Zapf, *et al.*, 2005). These studies implicate the spin-phonon coupling dynamics of Ni^{2+} ions as a significant factor enabling the induction of a BEC:

In a Bose-Einstein condensate, the entire group of atoms behaves as though it were a single atom. Research by an international collaboration recently produced the equivalent of a Bose-Einstein condensate using the chemical compound nickel chloride. More importantly, theoretical treatment of the data enabled the researchers to obtain a set of equations that can be applied to other materials that are not characterized as Bose-Einstein condensates.

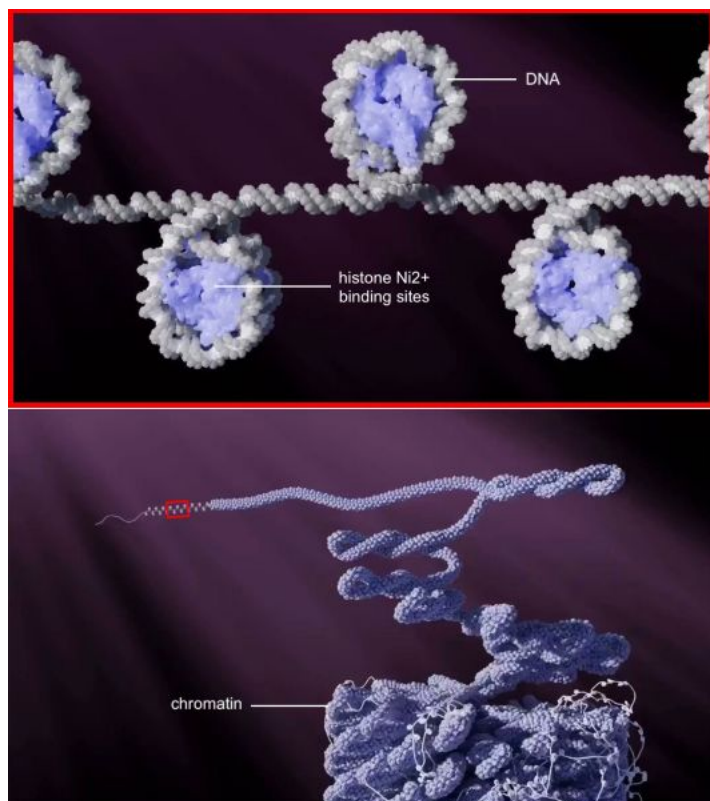
Armando Paduan Filho, Full Professor at the University of São Paulo's Physics Institute (IF-USP) in Brazil, participated in the study. "At temperatures close to absolute zero and in the presence of a very intense magnetic field, nickel chloride behaves like a Bose-Einstein condensate, so that the properties of a large group of atoms can be described using a single equation, a single wave function," Paduan Filho told...

"So we have a situation where all the waves are equal and overlapping, and we can therefore represent all of them as a single wave. Energy emissions and electrical, magnetic, thermal, luminous and other properties can be calculated by means of a single wave function," he explained.

When the researchers studied nickel chloride, they found that when the material was cooled almost to absolute zero and subjected to a strong magnetic field, its atoms behaved like bosons and it could therefore be characterized as a Bose-Einstein condensate. "The fact that the atoms can be perceived as waves is an experimental finding that corroborates the theory..."¹⁷

By incorporating Ni^{2+} compounds such as NiCl_2 or NiO, special properties of supercapacitance and spin-phonon coupling facilitate the generation of BEC at ultra-low temperatures. These exotic states can also be achieved in nickel-based compounds at room temperature by the addition of many elements with isotopes exhibiting electron-positron, neutrino-antineutrino pair emission, thereby forming a *multi-component BEC*.

Once tenuous connections between the appearance of quantum phenomena at ambient temperatures now align firmly with the Cs persistent hinting at the great importance of nickel compounds for transdimensional access. Medical research on the interaction of NiO with chromatin shows binding affinity for DNA histones.



Pure nickel nanoparticles accumulate in cellular cytoplasm, whereas nanoparticles of Ni^{2+} ionic compounds such as NiO and NiCl_2 accumulate within the nuclei of cells. Due to the lack of high affinity binding sites for Ni^{2+} in DNA or the cellular membrane, nuclear proteins become potential targets. Ni^{2+} nanoparticles can bind with various nuclear proteins such as glutathione and histidine, but more often become bound with histone proteins in chromatin (at left) due to their great abundance, in accord with the mass action law.¹⁸

Ni^{2+} nanocompounds bind to histones H3, H4 and core tetramer $(\text{H3-H4})_2$, associated with the imidazole nitrogen of histidine and thiol of cysteine anchoring sites. Histone binding by Ni^{2+} ions induces oxidation and resulting DNA nucleobase damage through reactive oxygen species (ROS) attack, thereby increasing the formation rates of 8-oxo-7,8-dihydroxo-2'-deoxyguanosine.¹⁹ The predominant role of ROS attack in Ni^{2+} ion DNA damage was confirmed by co-treatment of NiCl_2 with antioxidant N-acetylcysteine (NAC), which successfully mitigated the DNA damage effects.²⁰

The particular dynamics of observed interactions between NiO and chromatin in the cell nucleus closely reflect the oxidative stress-induced DNA damage mechanisms of ionizing radiation that are exploited by Siddha practitioners; inducing cell cycle arrest in G_2 phase and exclusively engaging HR DNA repair mode.²¹ Explanations were shared with Enrique Castillo by ET visitors from the Shi-el-Iho star system in 1975 that implicate their use of NiO bhasma as *chromatin supercapacitors*, in conjunction with ionizing γ -radiation:

[Onboard the Shi-el-Iho craft] I saw bottles, large jars, tilted a little and sealed tightly... [with] a very green liquid. I asked what it was... "This is basic in our diet... We need this type of diet, because we have stopped the process of karyokinesis, we have a technique with which to keep the cellular process alive, preventing aging."²²

Educational contacts by the Shi-el-Iho confirm ancient ET seeding of knowledge regarding Siddha bhasma effects and the potent γ -radiation functions of the Ark of the Covenant, utilized by Christ in His sublime transcendence of the Earthly realm. *Bhasma blends with RaS, HgS and NiO are facilitators of Ascension.*

The exotic composition of the Giza multi-ferrite cements and UFO crash alloys are replicated in bhasma pills ingested by Siddha adepts practicing Atlantean traditions, confirming the origin of VUV-photon scorch marks from a superfluorescent burst recorded on the linen shroud at the moment of Christ's Resurrection.²³ His supreme demonstration of the transcendent biophotonic process involved 3 discernible procedures:

- 1) Preparation of the body by ingestion of Siddha bhasma compounds daily, for effectively 'doping' body tissues and organs over several weeks to form a liquid crystal (RaS, HgS, FeO, AgS, ZnO, NiO, etc.).
- 2) Prolonged exposure of a portion of the body to an external source of intense γ -radiation, inducing phonon driving of the liquid crystal lattice of the human body.
- 3) Enclosure in an underground piezoelectric temple chamber (limestone) effectively amplifies planetary infrasound resonance, gradually building an EM field via magnon-phonon coupling. A superfluorescent burst of VUV photons is emitted as a BEC forms; the body turning invisible and levitating through rock.

Accomplishment of each of these 3 requisite, sequential steps is crucial to making the quantum leap of Ascension to a higher plane of awareness. A gestation period in resonant underground chambers induces amplification via a feedback loop, strongly enhancing *magnon-photon-phonon entanglement*, according to a March, 2023 report from collaborators at Khalifa University, UAE and Zohr University, Morocco.²⁴

The 3 specific procedures –*enabling the body to form a BEC by exposure to potent γ -radiations*– inspired a holistic foundation for spiritual and religious practices the world over; based on quantum supercapacitor principles of the Atlantean Siddhas re-emerging in parallel advances as various scientific fields converge.

NiO represents a potent supercapacitor nanocompound that contributes spin-phonon coupling to the liquid crystal system of the body of the Siddha practitioner, engendering the particular conditions for BEC to form through stimulation of electron-positron, neutrino-antineutrino pair production via γ -rays and heavy nuclei.

An auspicious flow of events in the time stream, witnessing the culmination of research efforts in diverse scientific fields, is coalescing into a new set of magnificent opportunities for the expansive development of human consciousness. The human beings of Earth are poised for *an imminent exaltation* –by elevation to a higher experiential realm accessible through accelerated vibratory states conferring quantum coherence.

The information floodgates have finally been thrust open, inspiring the quantum physical basis for a new, technological control of excited states of matter that allows humanity to push far beyond all previously conceived limitations for man-made aerospace vehicles and those abilities for teleportation of the human body itself. Atlantean temples were constructed from neutrino-emitting geopolymers, focusing sound waves into teleportation gateways lined with the Atlantean superalloy *aurichalcum* (β -Ti₃Au).

According to strong indications from the Cs and multiple genuine ET contact cases, the Akashic Field is composed of overlapping yet immiscible neutrino ensembles forming *neutrino Fermionic condensate*; with a 3D crystal lattice of neutrino pairs identical to alternating spin pairing seen in antiferromagnetic materials:

One universal property of phases that have quantum entangled wave-functions is that as the vibration speed of the particles increases, with increasing temperature, there comes a speed/temperature at which the quantum entanglement ceases. Cessation can be attributed to the de Broglie wavelength becoming smaller (as the relative speeds of the particles increase) than the mean separation of the particles in the ensemble and entanglement ends. Cessation of entanglement illustrates the importance of relative speed of the particles in the ensemble...

However, the important point to emerge from this simple consideration of a neutrino-condensate is that if it exists then it must have a close connection... to the relative speed of different frames of reference... It is postulated that neutrinos, being Fermions, form diatomic molecules of spin-up and spin-down pairs, or neutrino-antineutrino pairs (somewhat like superconducting electrons [form Cooper pairs]) with each molecule is now effectively a Boson, with zero spin... [comprising] a neutrino Fermionic condensate (NFC).

Does pairing of neutrinos and antineutrinos into a spin up-down pair create... a 3-dimensional volume (crystal) of alternate spin up-down particles, like an antiferromagnetic material? It seems improbable that a single crystal of neutrino Fermionic condensate could exist spanning the entire universe, but it may be possible that some short range crystallization may occur, with polycrystalline structure over long ranges.

The speed of light (spin-waves on a NFC) should depend upon the ratio of NFC spin-stiffness and density. As the density of neutrinos changes then does the speed of light change? Could variations in neutrino density explain what is now called gravitational lensing?²⁵

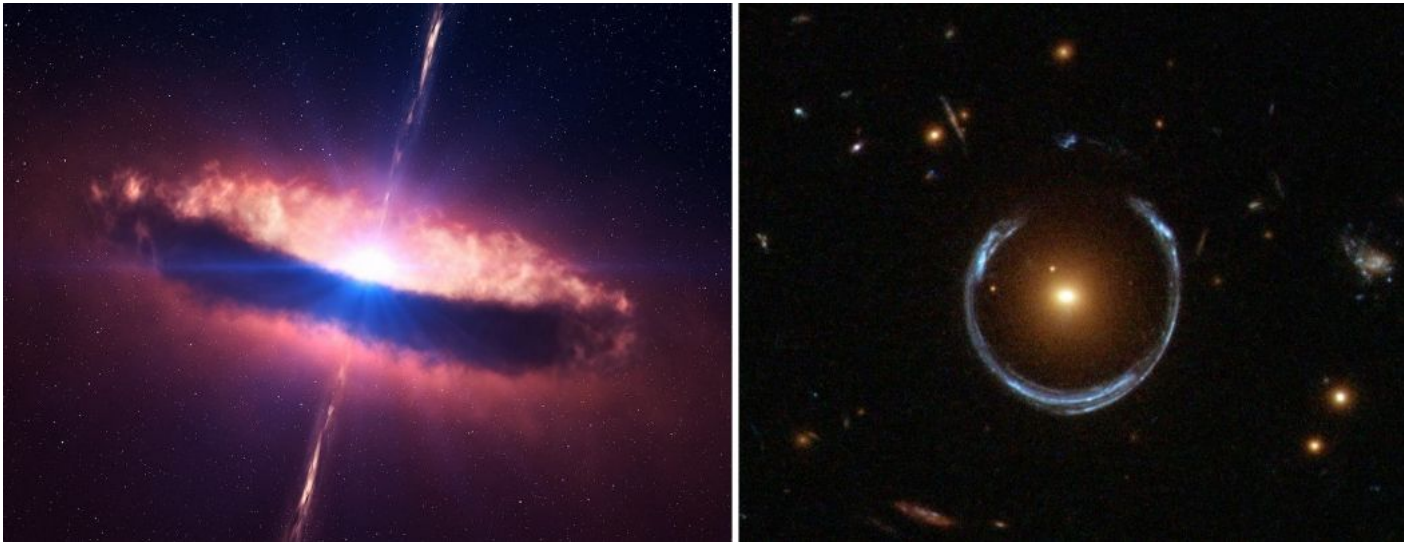
The far-reaching cosmological consequences of neutrino Fermionic condensate are now coming to focus after decades of steady progress on the subject. Ground-breaking Cambridge University research findings implicating an antiferromagnetic-type NFC lattice structure (like NiO) will help to resolve the longstanding cosmic dark matter equation by exposing the limited applicability of the Standard Model of particle physics.

In 1987, ET emissaries from the Golden Planet of Thiaoouba described the existence of a planetary NFC –*the Akashic Field*– possessing a recording mechanism with an ultra-fast rotation rate: *7 times the speed of light* (or 2,098,547,206 m/s). In conjunction with sharing high knowledge with Michel Desmarquet, the Thiaoouban ET visitors also served him purified drinking water with matter-antimatter emission for doping the contactee's body, thereby facilitating enhanced psychic access to the planetary Akashic Field NFC.

Progressive advances of quantum mechanics, through applying software simulations to discern previously unrecognized neutrino-antineutrino emissions, restore an awareness of the cosmic potential of humanity. The many insightful connections being made by Cambridge University researchers between the formation of neutrino Fermionic condensate, neutrino density and light-bending 'gravitational lensing' (above, right) bring to mind Dr. Arkadiusz Jadczyk's dialog with the Cassiopean thought-forms on October 10, 1998:

Q: (A) Can space with fractal properties, non-differentiable structure, non-smooth structure, be used to derive Schroedinger equation and quantum theory like the Nottale is proposing in some of his papers? A: Close.

Q: (A) What is incorrect? Why is it only close? A: Light bends at intervals. Look to the quasar for the clue.



The significance of the clue was revealed in March, 2021, with that announcement that most high-energy neutrinos come from quasars (above, left).²⁶ Clearly, the Cs comments appear to indicate that quasar jets generate high-energy neutrinos, and are spaced at regular intervals, which bends light around neutrino ensembles. What are the intervals referred to by the Cs, determining the universal distribution of quasars?

The fundamental space-time topological structure of nonlinear intervals of cosmic infrasound standing wave resonance is generated by the universal symphony of black holes and stellar bodies; the binding force of gravitational waves reflecting a universal array of neutrino vortices, also known as *The Unity Field*.

Two decades of quantum biological, archeological and epigraphic investigations by this author inform a holistic framework that directly links Atlantean traditions of alchemical transformation of the human body with regular ingestion of RaS extolled in votive names as *the internal burning of the Divine presence*.

All bodies with compositions incorporating many α -decay isotopes and heavy elements –including stars, planets, moons, spacecraft, and the bodies of spacecraft pilots and Siddha practitioners– generate an electron-positron and neutrino-antineutrino flux *that builds to form a neutrino Fermionic condensate*. The generation of neutrino flux from the human body represents a key requirement for formation of a BEC.

During many previous lives in the Vedic lands of India, this author was initiated into sacred knowledge of photoluminescent nanoparticle formulations prepared for ingestion according to the traditional production methods of rasayana elixirs, known widely since ancient times as Siddha and Ayurveda bhasma medicinal compounds. Radioactive compounds comprise the most powerful of all Siddha elixirs, all of which have been effectively suppressed from public awareness far into the presently emerging Information Age.

Traditional Siddha and Ayurveda bhasmas are enhanced by lanthanide compounds, which have also reported by multiple studies to possess potent antifungal, antibacterial, antiviral and anti-tumor properties. Biogenic particle sizes were synthesized using appropriate reducing agents as listed, acting as capping agents with potent antimicrobial and anti-cancer activity –many of which possess heavy atomic masses:



Zincite (ZnO)
Aloe vera leaf

Element	Compound	Reducing agent	Size (nm)	PL peaks (nm)	Color(s)
Radium	RaS	<i>Citrus medica</i>	10-40	—	--
Bismuth	Bi ₂ S ₃	<i>Azadirachta indica</i>	20	583, 758, 1188	Yellow, Black, Brown
Lead	PbS	<i>Aloe vera</i>	25	560	Yellow
Mercury	α-HgS	<i>Citrus medica</i>	8-16	662	Red
Mercury	β-HgS	<i>Citrus medica</i>	20-40	921, 862	Black, Red
Gold	Au	<i>Amomum subulatum</i>	80-120	640-1560	Red, Black, Brown
Ytterbium	Yb ₂ O ₃	<i>Aloe vera</i>	20-40	986	Black
Gadolinium	Gd ₂ O ₃	<i>Piper betel</i>	20-40	353, 395, 293	Pink, Magenta
Europium	Eu ₂ O ₃	<i>Hibiscus sabdariffa</i>	20-40	614	Red
Samarium	Sm ₂ O ₃	<i>Couroupita guianensis</i>	20-40	563, 652, 710	Yellow, Red, Black
Neodymium	Nd ₂ O ₃	<i>Citrus × paradisi</i>	90-110	938, 1117, 1352	Black, Brown
Lanthanum	La ₂ O ₃	<i>Aloe vera</i>	20-40	223, 283	Pink
Tellurium	Te ₂ O ₃	<i>Aloe vera</i>	20-40	232, 243, 257	Pink
Antimony	Sb ₂ S ₃	<i>Moringa oleifera</i>	20-40	880, 510	Black, Green
Silver	α-Ag ₂ S	<i>Aloe vera</i>	20-40	667	Red
Ruthenium	RuO ₂	<i>Aspalathus linearis</i>	20-40	605	Orange
Molybdenum	MoS ₂	<i>Centella asiatica</i>	80-100	678	Red
Zinc	ZnO	<i>Aloe vera</i>	20-40	518	Green
Nickel	NiO	<i>Aloe vera</i>	8-16	339, 356, 518	Green, Magenta
Cobalt	Co ₃ O ₄	<i>Calendula officinalis</i>	20-40	382, 744	Black
Iron	Fe ₃ O ₄	<i>Aloe vera</i>	26	706	Red
Vanadium	V ₂ O ₅	<i>Aloe vera</i>	20-40	535, 690	Green, Red

Siddha texts inform us that neutrinic elixirs composed of heavy elements are necessary for spaceflight. In 2023, compelling facts on *neutrino tracking* were shared by former Raytheon contractor Eric Hecker, who worked as lead firefighter at the South Pole Station and Ice-Cube Neutrino Detector from 2010-2011:

The Ice-Cube Neutrino Detector is presented as a passive listening device for the purposes of the science as presented, but... I have provided documentation that proves that the 5,160 DOMs embedded in the ice can actually transmit at 2,047 V each. That gives us a long list of things to consider: it is effectively a multi-faceted directed energy weapons platform... [Concerning systems for aerospace] vehicle detection, we are learning that these off-world craft, on-world craft —ours or other nations— are also emitting neutrinos. So this makes the South Pole Station effectively an air traffic control station for this new level of equipment that nobody is discussing.

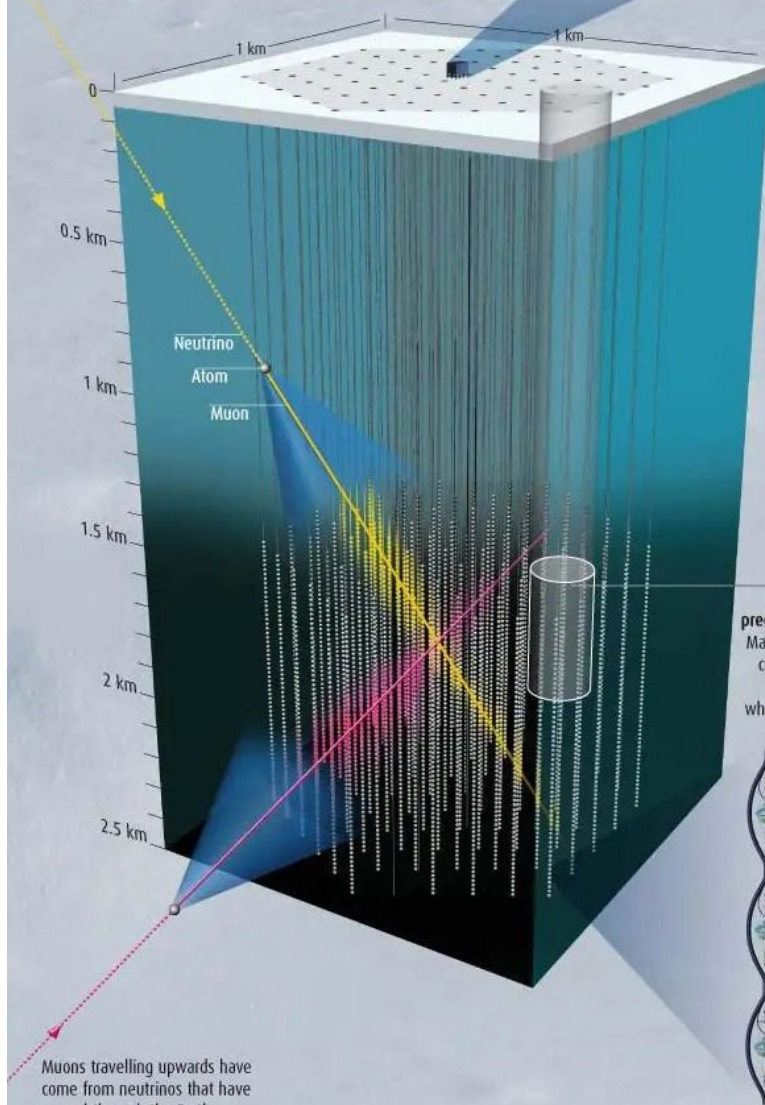
The IceCube detector will use a cubic kilometre of Antarctic ice to spot passing neutrinos. Currently half-built, it is already the world's biggest neutrino detector and is designed to pick up signs of neutrinos from astrophysical objects



Ice-Cube neutrino detector array South Pole Station, Antarctica

ATMOSPHERIC AND ASTROPHYSICAL NEUTRINOS

Some neutrinos will interact with nuclei in the ice and release a muon. Travelling faster in ice than light can, the muon radiates blue Cerenkov light that is picked up by the strings of light sensors. These signals are used to reconstruct each muon's path, revealing the neutrino's direction



IceCube laboratory
Houses the computers and other electronics

Hot water station
Used for drilling holes in the ice



The drill
Hot water is forced through a nozzle, leaving a hole 0.5 metres wide in the ice



IceCube's predecessor AMANDA
Made up of 19 strings containing a total of 680 light sensors, which are now part of IceCube



Light sensors
80 strings holding 60 sensors each are lowered into the holes. This has to be done quickly before the water in the hole refreezes



Cables
Light signals are relayed to the surface

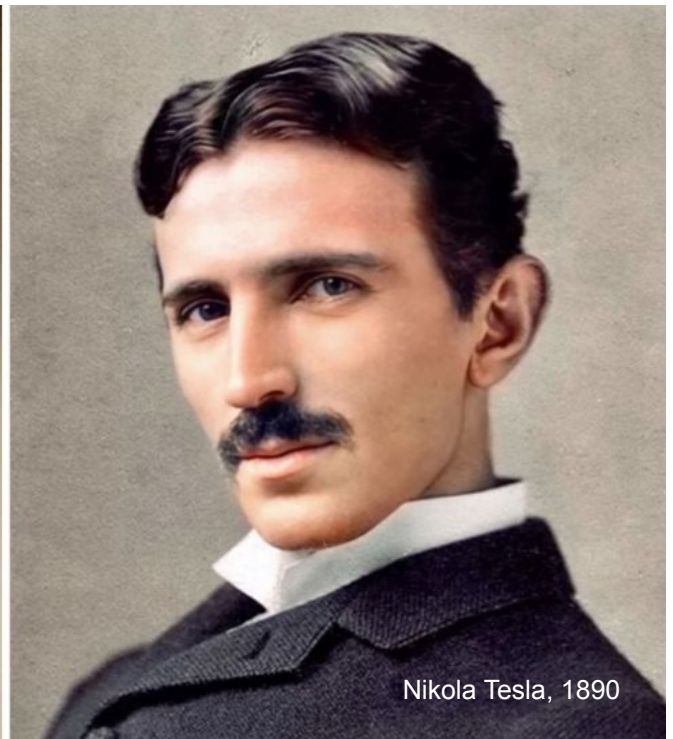
In addition to the ability to detect neutrinos and the exotic vehicles, I have provided documentation that shows that this is also a system for faster-than-light communications... [I]t's apparent that if we have faster-than-light vehicles moving throughout the system, we're going to need faster-than-light communication. This is that facility.²⁷

Hecker also revealed that the power systems of the South Pole Station must have been augmented by some covert, high-power generator that was secretly used to weaponize the Ice Cube Detector Array as an ULF emitter system for inducing high-magnitude earthquakes at any desired location on the planet.

This clandestine tectonic weapon can be used in conjunction with the Sea-based X-band Radar platforms now roaming the oceans of the world, for targeting fault lines during solar and geomagnetic storm activity as accidentally discovered by Nikola Tesla during research with ULF resonance in Manhattan, New York.



Pharaoh Niko II



Nikola Tesla, 1890

Previous incarnations of this author present a curious linguistic connection to the element 'nickel'; having appeared during earlier times as individuals named 'Nikola' and 'Niko'. In my previous life as Nikola Tesla (†1856-1943), I invented alternating current, the induction motor, the fluorescent lightbulb, wireless power, the metallic delay lens, radar and the gravity motor. His first name encodes that veiled psychic signifier.

"There manifests itself in the fully developed being, Man, a desire mysterious, inscrutable and irresistible: to imitate nature, to create, to work himself the wonders he perceives...

Long ago he recognized that all perceptible matter comes from a primary substance, or tenuity beyond conception, filling all space, the Akasha or luminiferous ether, which is acted upon by the life giving Prana or creative force, calling into existence, in never ending cycles all things and phenomena. The primary substance, thrown into infinitesimal whirls of prodigious velocity, becomes gross matter; the force subsiding, the motion ceases and matter disappears, reverting to the primary substance."²⁸

~Nikola Tesla - May 13, 1907

An incarnation of this author in Egypt was also given a name resembling 'nickel'. The Egyptian collection of the British Museum in London includes the fragmented portrait head of Pharaoh Niko II (above, left), son of Psamtik I, who reigned for 15 years following his marriage to Queen Tahut. I strongly recognize the name and face of Pharaoh Niko II, who ruled from the palace at Sais, Lower Egypt, from ~2,625-2,595 BC.

While high knowledge of the special properties of nickel were not known to either of these learned men, their karmic gains would eventually culminate in a future lifetime when technological advances allowed it.

These past life recognitions were gained during years of ingesting Siddha bhasmas and rasayana elixirs, representing vital preparations to seize the cosmic opportunity that is now approaching us at light speed. The same potent psychic forces are stimulated by stellar core collapse radiations of neutrinos and y-rays; which will soon bathe the Earth in transformative energies, altering DNA expression in humanity en masse.

Darkness will be vanquished from the entire Earth in the brilliant illumination of our binary suns, due to the influence of the refraction of red auroral skies, *there will be no night time –and no need for regular sleep.*



These affirmative truths fall directly in alignment with high knowledge received from visitors from the stars, including ancestral wisdom teachers from the Plejares, Shi-el-Iho and Ahusco star systems. All of the high civilizations of ancient times learned spiritual precepts regarding the Law from these ET visitors, whose elevated teachings established the use of Siddha bhasmas by the Atlantean Sons of the Law of One.

This present work provides sacred knowledge concerning neutrinoic bhasma blends enhancing Akashic Field access for those seeking to prepare for intensive neutrino and γ -ray bombardment of Earth from the supernova blast of the red supergiant Betelgeuse, at the shoulder of the constellation of *Orion, the Hunter*.

Applying knowledge of vital atomic forces allows us to emulate the sublime demonstration of Ascension given through the Resurrection of Christ, by preparing our bodies for the incoming supernova radiations. Purification of the body –*making a temple within*– stokes the Fire of Life. Full-body exposure to the highest radiations enhances and elevates human consciousness to a higher plane of reality, in synchrony with the Ascension of our Mother Earth, bathed in cosmic rays of the energy dispensation of a Galactic Superwave:

For all the manifold gifts of Life, we do worship the Fire of Life, and the Holy Light of the Heavenly Order... The most beneficial and most helpful, the Fire of Life! The most supporting, the most bountiful, that Fire which is the House of the Lord!... A sanctuary of the Holy Spirit is the body in which the Fire of Life doth burn with eternal Light.

~ Essene Master Jesinavarah of Nazareth

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