

© Alexander R. Putney 2024 Human-Resonance.org Advances in the engineering of quantum optical systems offer resolution to longstanding misconceptions concerning transcendent knowledge demonstrated by the Nazarene One. At the very moment of Christ's Resurrection, an extremely brilliant photon burst was emitted in the VUV range, according to Italy's ENEA:

The main findings of the STURP scientific study of the Shroud of Turin are summarized nicely by physicist Paolo Di Lazzaro: "The Shroud is not a painting, no pigment, any directionality, not a scorch. The image encodes cloth-to-body distance, and it is present in both contact and non-contact areas. The image is superficial, no more than 0.6 microns thick (work by others has shown 0.2 microns). Invisible halos surround blood. Blood went on before image (no image beneath blood). The bloodstains contain hemoglobin and serum albumin. Calcium and strontium and iron are uniformly present on the Shroud in small quantities (Paolo Di Lazzaro, 2014)"...



In December of 2011 ABC News reported... that "the Italian researchers, who conducted dozens of hours of tests with X-rays and ultraviolet lights, said that no laser existed to date that could replicate the singular nature of markings on the shroud. They also said that the kind of markings on the cloth could not have come from direct contact of the body with the linen. The Italian scientists said the marks could only have been made by 'a short and intense burst of VUV directional radiation.'"

According to the National Geographic article mentioned above, "the National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) conducted five years of experiments, using state-ofthe-art excimer lasers to train short bursts of ultraviolet light on raw linen, in an effort to simulate the image's coloration" and published its findings in 2011.

"The ultraviolet light necessary to [simulate the image] "exceeds the maximum power released by all ultraviolet light sources available today," says Di Lazzaro. It would require "pulses having durations shorter than one fortybillionth of a second, and intensities on the order of several billion watts." If the most advanced technologies available in the 21st century could not produce a facsimile of the shroud image, he reasons,... the radiation thesis suggests that a "divine light" in the tomb might have seared the crucified form of Jesus Christ onto the shroud.¹

The conclusions of Di Lazzaro and his ENEA research team strongly confirm the burial shroud of Christ as being completely irreplicable by all known modern technologies, requiring an energy output that is far beyond any known means –during a period when technological resources were virtually inaccessible.

Absolutely stunning detail recorded by the photon flash confirm that the narrow-band emission even occurred from each of the hairs on his head, otherwise those portions of the image would not have been recorded with 3D volume. The emission burst came from every cell in the body of Christ –and not any portion of the linen burial cloth itself– defining a distinct, macroscopic quantum state of unified vibration.



The authenticated 3D image scorched on the burial shroud preserves exquisite detail of the facial features of the Ascended Master, enabling an accurate portrait sculpture to be rendered (JM Miñarro, 2002, above). The Resurrection of Christ was an orchestrated demonstration of the quantum biophotonics of Ascension; as a liquid crystal undergoing magnon Bose-Einstein condensation by exposure to strong γ -radiation. Rays were emitted from the Ark through a vertical bedrock fissure bisecting the ceiling of Jeremiah's Grotto and the cover of the stone resonator box, *exposing the crucified Master to* γ -rays of the Fire of Life (opposite).



Many spectacularly intuitive archeological discoveries by Ron Wyatt reveal key factors enabling Christ's completion of a transcendent three-step process that incorporates the invisible effects of ingested Siddha bhasmas; excitation from a high-intensity, external y-photon source; and closure in a piezoelectric chamber for a 'gestation' period of 3 days. The exact moment of the **Resurrection of Christ was** recorded as a laser-like set of indelible scorch-marks with a dipolar emission exhibiting quantum entanglement.



While walking past the exact location of the site of Christ's crucifixion, Wyatt had received an irrepressible impulse from his Higher Self that raised his arm in the air to point to the exact spot, without him acting of his own volition. This surprising event directly inspired Ron's work in the excavation of that very site, after applying for an excavation permit and being granted permission by the Israeli Antiquities Authority.

After months of arduous excavation work with his two sons and local assistants, Wyatt penetrated into an ancient cavity in the bedrock that had escaped discovery during the 2,500+ years since it had been sealed with geopolymer limestone by High Priest Jeremiah. Strategic protection of the holy objects that had been evacuated from the First Temple before invasion of the Babylonian army in 586 BC.



The foundation for Christ's supreme transcendence was achieved through regular ingestion of photoluminescent nanocolloidal minerals and metals including radium sulfide (RaS); called *Brahmam* bhasma. The internal component of γ -radiation must have been enhanced by a secondary source of ionizing radiation.

Proper identification of the exact location and emission spectra of the Ark of the Covenant (some 16' below the cross hole cut into the bedrock) confirms the source of ionizing γ -radiation responsible for photoexcitation during the crucifixion. Wyatt's discovery of the blood of Christ preserved on the Ark of the Covenant offers direct evidence for the purposeful positioning of the Ark directly below the cross hole.

The final phase of the demonstration supplied resonant EM driving of the quantum superfluorescence system by which Christ's Resurrection was later accomplished within the Garden Tomb. Without the timely occurrence of the ~11" wide crack in the bedrock that exposed His crucified body to powerful γ -radiation emitted from the radiant alloy of the Ark of the Covenant, the Master's Ascension would not have occurred:

In superfluorescence, the incident light is amplified and emitted along the axis of the medium as a narrow beam of coherent radiation, like in a laser. To produce superfluorescence in the XUV spectrum, the incoming light needs to have enough energy to knock the electrons out of the inner shell of the atoms that make up the lasing medium. Redistribution within the electron shell (Auger decay) leads to a situation in which more particles find themselves in an excited state than in an unexcited state. Physicists refer to this as population inversion.

When an atom drops from an excited to a lower energy state, it emits a photon. If enough atoms undergo population inversion, a small number of isolated decays of the excited states of individual atoms produce a strongly correlated quantum mechanical state, known as entanglement, so that the entire ensemble of excited atoms drops to a lower energy level in unison (coherently), emitting a high-intensity pulse of light.

The simultaneous emission is caused by a quantum mechanical effect, which is however expressed macroscopically: the entangled atoms are not individually coupled to the quantised light field (vacuum fluctuations in the light field), but as a single, overall medium.²

The quantum optical phenomenon of superfluorescence arises from photoexcitation that coalesces into coherent quantum macroscopic states through particular processes that can be distinguished from other closely related quantum optics phenomena, such as superradiance, by several unique features:

Superfluorescence is a phenomenon of quantum optics. It is the collective emission of fluorescent light by an ensemble of excited atoms or ions. Initially, the atoms (or ions) are incoherently excited (e.g. by optical pumping), so that there is no macroscopic dipole moment. The process starts slowly with spontaneous emission. The radiation field then couples the radiation phases of the different atoms, so that they become synchronized, and a collective emission releases the stored energy as a superfluorescent pulse. The pulse maximum occurs after some delay, and the pulse duration can be short compared with the upper-state lifetime of a single atom. The maximum intensity of the emitted light scales with the square of the number of atoms.

Superfluorescence is similar to superradiance, but in the latter case there is a macroscopic dipole moment from the beginning, created by the excitation process: the excitation is created with a light pulse such that all involved atoms have about the same location on the Bloch sphere. (The intensity must be sufficiently uniform, and the involved atoms should behave all in the same way, e.g. not influenced by locally varying conditions.) Unfortunately, however, many authors do not distinguish between superfluorescence and superradiance.

The phenomenon of superfluorescence, as defined above, is also substantially different from superluminescence or amplified spontaneous emission (ASE). The latter process does not require close proximity and coherent excitation, and is based only on fluorescence and stimulated emission. Superfluorescence and superluminescence are processes which can compete in certain situations, depending on, e.g., the dephasing rate of the atomic system. In laser amplifiers, that dephasing is often too fast to allow for anything like superfluorescence.³

Among the range of known photon emission process, *superfluorescence* is the only process that exactly corresponds to all of the evidence left on the burial shroud of Christ. Reported in 2024, quantum biology researchers identified the quantum optical phenomenon of UV-B superradiance of mega-networks of tryptophan in biological architectures.⁴ Superfluorescence bursts of entangled photons were recently induced under room-temperature conditions in hybrid perovskite nanomaterials (Ca₃TiO) in April, 2022:

The formation of coherent macroscopic states and the manipulation of their entanglement using external stimuli are essential for emerging quantum applications. However, the observation of collective quantum phenomena such as Bose–Einstein condensation, superconductivity, superfluidity and superradiance has been limited to extremely low temperatures to suppress dephasing due to random thermal agitations. Here we report room-temperature superfluorescence in hybrid perovskite thin films. This surprising discovery shows that in this material platform, there exists an extremely strong immunity to electronic dephasing due to thermal processes.

To explain this observation, we propose that the formation of large polarons in hybrid perovskites provides a quantum analogue of vibration isolation to electronic excitation and protects it against dephasing even at room temperature. Understanding the origins of sustained quantum coherence and the superfluorescence phase transition at high temperatures can provide guidance to design systems for emerging quantum information technologies and to realize similar high-temperature macroscopic quantum phenomena in tailored materials. Superfluorescence –the collective emission of fluorescent light– is observed at temperatures up to 330 K in lead halide perovskite thin films. This finding suggests an intrinsic mechanism for protecting the electronic coherence in these materials.⁵

These findings on superfluorescence at temperatures up to 57°C are remarkable. Superfluorescent bursts generated in ionic compounds of transition metals at ambient temperatures were reported in March, 2022:

Superfluorescence (SF) is a unique quantum optics phenomenon arising from the assembly of self-organized and cooperatively coupled emitters. SF produces a short and intense burst of light, ideal for various applications in nanophotonics and optical computing. However, due to the prerequisite for cooperative emitter coupling, SF was conventionally observed in a Stokes-shifted manner under cryogenic conditions in limited systems (for example, atomic gases and perovskite-nanocrystal superlattices).

Here we show that room-temperature anti-Stokes-shift SF is achieved in a few randomly assembled or in a single lanthanide-doped upconversion nanoparticle. Moreover, upconverted SF has a 10,000-fold accelerated nanosecond lifetime (τ = 46 ns of SF versus τ = 455.8 µs for normal upconversion luminescence), overcoming the slow decay of conventional upconversion systems. Therefore, the conceptual room-temperature anti-Stokes-shift SF not only lays the foundation for ultrafast upconversion but it also paves a straightforward way to a wide variety of applications that have been limited by the existing SF system.⁶

The finding of superfluorescence stimulated in upconverting nanoparticles at room temperature applies to a broad class of photoluminescent 3+ ionic compounds (e.g., Nd3+, Yb3+, Er3+, Tm3+, Tb3+, Ln3+, etc.). Upconverting nanoparticles include various compounds possessing lanthanide and actinide group metals:



Upconverting nanoparticles (UCNPs) are nanoscale particles (diameter 1–100 nm) that exhibit photon upconversion. In photon upconversion, two or more incident photons of relatively low energy are absorbed and converted into one emitted photon with higher energy. Generally, absorption occurs in the infrared, while emission occurs in the visible or ultraviolet regions of the electromagnetic spectrum. UCNPs are usually composed of rareearth based lanthanide- or actinide-doped transition metals and are of particular interest for their applications in *in vivo* bio-imaging, bio-sensing, and nanomedicine because of their highly efficient cellular uptake and high optical penetrating power with little background noise in the deep tissue level.⁷

Since ancient times these same nanoparticle compounds have been applied as bhasma nanomedicines for achieving enhanced vitality and cellular rejuvenation through synergistic effects that are only now becoming recognized by the nascent modern scientific field of quantum optics. It is no coincidence that these same nanomaterials are currently being recognized for potential uses in novel room-temperature superconductor applications, including binary hydrides according to new superconductivity calculations:



These calculated superconductivity candidates match specific combinations of metal compounds applied in ferrite geopolymer superconductor cement veins crisscrossing the monumental structures of the Orion Pyramid Complex in Egypt, and its system of wide causeways extending eastward on the Giza Plateau.

A notable feature of the Giza Plateau multi-ferrite geopolymers is the selective application of long-lived, unstable isotopes of many decay modes. Applying these elements enables induction of quantum optical phenomena demonstrated in many electron-phonon, spin-triplet and fractal quasicrystal superconductor types that have become widely recognized through the last few decades of research publications.

Siddha bhasma formulations are composed of photoluminescent nanoparticles measuring from roughly 20-120 nm in size, belonging to a related class of compounds often used in photovoltaics for upconverting solar UV rays. Here, downconverted γ -photons are reemitted as UV, green, yellow, red and NIR photons:

Bhasma	Formula	Chemical Name	Mineral	PL (nm)	Color(s)
Brahmam	RaS	radium sulfide	uranium ores		
Swarpa	Au	gold	auriferous quartz	640-1560	
Swama	Au	gold		040-1500	
Rajata	α -Ag ₂ S	silver sulfide	acanthite	667	
Hingulu	α-HgS	red mercury sulfide	cinnabar	662	
Kajjali	β-HgS	black mercury sulfide	metacinnabar	921, 862	
Mandura	α -Fe ₂ O ₃	ferric oxide	hematite	688	
Kantha Loha	Fe ₃ O ₄	ferrous oxide	magnetite	708	
Tamra	Cu ₂ O	cuprous oxide	cuprite	742	
Tamra	CuO	cupric oxide	tenorite	657, 292	
Tamra	Cu ₂ S	cuprous sulfide	chalcocite	612, 664	
Yashada	ZnO	zinc oxide	zincite	518	
Suavira	Sb ₂ S ₃	antimony trisulfide	metastibnite	880, 510	
Manashila	α -As ₄ S ₄	tetra-arsenic tetra-sulfide	realgar	658	
Haritala	As ₂ S ₃	arsenic trisulfide	orpiment	290, 240	
Naga	PbS	lead sulfide	galena	560	
Vanga	SnO	tin oxide	romarchite	521	
Godanti	CaSO ₄	calcium sulfate	gypsum	393	
Gandhaka	SO ₄	sulfur oxide	sulfur	524, 554	
Abhraka	KAI ₂ (OH ₂)	Si, Al, K, Fe oxides	phlogopite (mica)	518	

This brief list represents a small fraction of the great diversity of photoluminescent mineral and metal compounds for generating biophotonic excitation of the qi meridians. Determinations made by physicists and engineers from Italy's ENEA confirmed the much higher intensity levels of the burial shroud markings are scorch-mark patterns produced by laser-like dipole VUV emission. These conclusions closely match the new laboratory findings concerning the emission spectra and intensity of superfluorescence bursts.

The estimated emission intensity of the superfluorescent burst released from the body of Christ during the moment of Ascension is calculated as the square of the number of emitters (i.e. number of atoms in the body). A general figure for the number of atoms comprising the human body has been proposed at 7*10²⁷:

In summary, a typical human of 70 kg is made of almost $7*10^{27}$ atoms (that's a 7 followed by 27 zeros!) Another way of saying this is "seven billion billion." Of this, almost 2/3 is hydrogen, 1/4 is oxygen, and about 1/10 is carbon. These 3 basic elements add up to 99% of the total.

According to this general figure, emission from the body of Christ during the superfluorescent burst that marked the Shroud can be estimated at approximately $5*10^{55}$ photons in the VUV range near ~160 nm. Ingestion of γ -ray emitting compounds represents an *unrecognized, internal source of phonon excitation*.

The activation energies emitted as γ -photons from Brahmam bhasma greatly enhance the propagation distance of phonons, thereby significantly increasing the conversion rates of hydrogen-producing phonon transmutation reactions perpetuated by the rhythmic fluctuations of blood temperature while alternately flowing from the extremities and surface capillaries to the heart.⁸

The phonon states of crystal lattices, both liquid and solid, are intensified by γ -radiation. When a γ -photon impacts the surface interface of a metal lattice, its energy is converted into athermal phonons via multiple Compton scattering events. Bombardment of metals by γ -rays generates phonons which travel in straight lines through the lattice, preserving information about the interaction point. Atomic collisions of α -particles (He₄) with the metal lattice are also converted into phonons that disperse by atomic lattice interactions:



Atomic lattice waves

Normal lattice positions for atoms
 Positions displaced because of vibrations

It is known that thermal spikes associated with the energy deposition events can produce acoustic waves in the source and surrounding materials. Since more than 95% of the energies released from radioactive decays are dissipated through atomic lattice vibrations, acoustic waves generated by the fission products and fragments can potentially be used as acoustic signatures for the radiation detection. The energies required to displace an atom in solids are normally on the order of tens of electron volts, which are significantly lower than kinetic energies of most energetic particles (e.g., about 5 MeV for an alpha particle). Therefore, cascades of atomic displacements up to tens of micrometers are observed for fission products and alpha decays in most solids.

The highly localized deposition of energy, which causes fast melting along the particle track, followed by recrystallization or amorphization after the impact, can be described by the thermal spike model proposed by Seitz and Koehler. They suggested that the main result of the passage of the heavy atom through the solid is the development of highly concentrated lattice vibrations along the trajectory, phonons.

Phonons are quantized atomic vibrations in a lattice structure. These phonons transferred energy from one nucleus to another through sinusoidal displacement... Since this experiment does not go in to phonon transport modeling, a simple explanation of the mechanisms that phonons scatter as they propagate in a material. These mechanisms are phonon-phonon scattering, phonon-impurity scattering, phonon-electron scattering, and phonon-boundary scattering.

Each scattering mechanism affect the normal phonon wave vector dissipating the phonon energy as propagation occurs. As phonons scatter, their energy dissipates... The energy deposition from the Rutherford scattered alpha particles in localized areas produce acoustic waves, which can also be described as phonons. As the distance from the energy deposition location is increased, the energy of the phonons decay. The properties of a material play a large part in phonon propagation as discussed above.⁹

Metamaterials developments in quantum optics, superconductivity and Bose-Einstein condensation at ambient temperatures are leading human technology down a path that was already tread long ago by our Atlantean ancestors. Metallurgical investigations of UFO crash debris alloys, metallic geopolymers and exotic metal alloys of Paleo-Sanskrit archeological origin previously presented by this author reveal their use of *combinations of radioactive elements for doping geopolymer cements as well as the human body.*

In February, 2024, a report detailed the surprising emergence of quantum macroscopic phenomena manifesting in inhomogenous systems, enabling controlled superfluorescence in colloidal nanocrystals:

Superfluorescence is a quantum-light property in which many dipoles spontaneously synchronize in phase to create a collective, synergistic photon emission with a much faster lifetime. Thus, it is surprising to observe this in more inhomogenous systems, as solution-processed and colloidal structures typically suffer from high optical decoherence and non-homogeneous size distributions. Here we outline recent developments in the demonstration of superfluorescence in colloidal and solution-processed systems and explore the chemical and materials science opportunities allowed by such systems.¹⁰

Once again, advances in the engineering of novel materials possessing the property of superfluorescence now strongly support the contention of Siddha adepts *that the body can become a quantum quasicrystal.*

Techniques for imaging magnons were reported in 2022 by collaborators at Columbia, the University of Washington, New York University, and Oak Ridge National Laboratory.¹¹ Magnons are quasiparticles; a collective excitation of the spin structure of electrons in a crystal lattice. In the equivalent wave picture of quantum mechanics, a magnon can be viewed as a quantized spin wave. To make these quasiparticles directly observable for the first time, the researchers paired magnons with another quasiparticle –excitons, which emit light in the near-infrared range– enabling the optical sensing of spinning magnons in CrSBr.



Magnon formation can be induced by an alternating EM field generated by enclosure in a piezoelectric bedrock resonator chamber such as the Garden Tomb of Joseph of Arimathea, sealed by a rolling stone:

There are mainly two ways to excite magnons. Thermal fluctuations are always a way to produce magnons... Another possibility is to excite spin-waves through an alternating magnetic field. Spins on the lattice sites will try to follow the external magnetic field, like a compass in the Earth's magnetic field. Spin waves in yttrium-irongarnet-films [exhibiting the chemical composition $Y_3Fe_2(FeO_3)_3$] typically have frequencies in the GHz range...¹²

These findings concerning magnon formation by spin-wave excitation of magnons reveals quantum principles behind intense acoustic driving of geopolymer temple chambers using tri-frequency panflutes, whistles, horns, didgeridoos, cymbals and drums –with amplification from *djed pillars* and *zun* (columnar, bronze Helmholtz resonators).¹³ As acoustic excitation builds in synthetic stone materials doped with selective combinations of emissive isotopes, magnon coherence can arise as synergistic effects from multiple classes of compounds with electron-phonon and phonon-magnon coupling, as well as other types.

Recent reports demonstrating different processes for inducing magnon BEC formation, superconductance and superfluorescence at room temperature in solids pave the way for more complex materials to be developed based on a growing body of evidence defining which classes of compounds are most effective. Related spectroscopy results from geopolymer cements and antigravitic craft alloys reveal combinations of emissive isotopes also seen among spin-triplet compounds LaNiSi, LaPtSi, LaPtGe, UTe₂, ZrNCI, WTe₂.

The same ubiquitous appearance of rare earth elements observed in the composition fall into a broader category of compounds containing *double decay mode isotopes*, many of which emit neutrino pairs during double electron capture. The significance of the pattern was revealed in research at Hokkaido University, Japan, demonstrating entanglement of neutrino pairs with photons in photoluminescent ionic compounds:

[The] neutrino is neutral, and does not couple with a photon [measurable] on a classical level. An interaction is induced from higher order corrections. Electro-weak Hall interactions in magnetized plasma are different from those in a vacuum, which are known to be extremely small, and of sizable magnitude. This paper shows that an anomalous term induced by electrons in the magnetic field appears in a neutrino-photon interaction.

Using the electron propagators in the magnetic fields, the effective Lagrangian in the standard electroweak gauge theory was computed from one-loop corrections. The included interactions reveal the magnetic field and have Hall effects and an anomalous neutrino-photon interaction similar to the quantum Hall effect...

This behavior is due to the quantum effects of electrons in closed orbits, which are specific to the magnetic field and a finite electron density. The obtained electroweak Hall interaction induces a long distance correlation... This is independent of the short distance correlation and gives a correction for Fermi's golden rule, leading to new physical phenomena. This is relevant to decay involving a neutrino in large-scale magnetized plasma; a detailed account will be presented in a future paper...¹⁴

As indicated by the final remark from the Hokkaido University report excerpt, the researchers' findings concerning neutrino-photon coupling in strong magnetic fields has many important ramifications for the investigation of 2-neutrino decay processes that have yet to be fully understood. The severe limitations of presently available neutrino detection devices have greatly hindered research in this direction.

These important findings confirm the combination of neutrino-pair-emitting PL compounds exhibiting spinphonon, magnon-phonon and neutrino-photon coupling enable BEC to form by photoexcitation in a strong magnetic field. These are the precise conditions which were induced by psychoacoustic architecture in ancient times, the remnants of which are being found throughout every inhabited continent of the world.

Through mastery of geopolymer chemistry, Atlantean pyramid builders were able to incorporate all of the most potent emissive elements with long-loved decay periods for multiplying the efficiency of the system for raising the atomic vibratory state of temple practitioners. By utilizing nanoparticle formulations for both synthetic stonework and ingestion as Siddha bhasma pills, a holy temple was made of the human body. High knowledge of the interactions of DNA and mitochondria with PL nanoparticle formulae was required.



Blending long-lived γ-emitting compounds gives rise to *disorder-induced multifractal superconductivity*¹⁵, showing comparable methods are used to achieve antigravity effects in metal alloys and human bodies. Diverse combinations of ancient Siddha bhasma compounds were used to engage the very same quantum entangled BEC states engineered into all ET spacecraft, as well as reverse-engineered antigravity vehicles developed by US Dept of Naval Intel (DNI) black projects following the invention of the Tesla gravity motor.

These transdimensional physics principles have been successfully integrated into the manufacture of the Aurora Program's black triangle stealth craft and the TR-3B Astra supercruiser (opposite). Dr. Pais explains the physics of superconductor alloys used in spacecraft hulls synergistically combine quantum phenomena generating BEC in a resonant cavity, enabling *inertial mass control by induction of accelerated spin states:*

The vacuum energy state can be described as an aggregate/collective state, comprised of the superposition of all quantum fields' fluctuations permeating the entire fabric of spacetime. High energy interaction with the vacuum energy state can give rise to emergent physical phenomena, such as force and matter fields' unification.

According to quantum field theory, this strong interaction between the fields is based on the mechanism of transfer of vibrational energy between the fields. The transfer of vibrational energy further induces local fluctuations in adjacent quantum fields which permeate spacetime (these fields may or may not be electromagnetic in nature). Matter, energy, and spacetime are all emergent constructs which arise out of the fundamental framework that is the vacuum energy state...



It is possible to reduce the inertial mass and hence the gravitational mass, of a system/object in motion, by an abrupt perturbation of the non-linear background of local spacetime (the local vacuum energy state)... In other words, inertial mass reduction can be achieved via manipulation of quantum field fluctuations in the local vacuum energy state, in the immediate proximity of the object/system. Therefore it is possible to reduce a craft's inertia, that is, its resistance to motion/acceleration by polarizing the vacuum in the close proximity of the moving craft.

Polarization of the local vacuum is analogous to manipulation/modification of the local spacetime topological lattice energy density. As a result, extreme speeds can be achieved. If we can engineer the structure of the local quantum vacuum state, we can engineer the fabric of our reality at the most fundamental level (thus affecting a physical system's inertial and gravitational properties)... The artificial generation of gravity waves in the locality of the craft, can result in energy-mass removal (gravity waves are propagating fluctuations in gravitational fields, whose amplitude and frequency are a function of the motion of the masses involved).

Moreover, it is feasible to remove energy-mass from the system by enabling vacuum polarization,... in that diminution of inertial (and thus gravitational) mass can be achieved via manipulation of quantum field fluctuations in the vacuum. In other words, it is possible to reduce a craft's inertia, that is, its resistance to motion/acceleration by polarizing the vacuum in the close proximity of the moving craft. As a result, extreme speeds can be achieved.

Vacuum energy state can be thought of as a chaotic system comprised of random, highly energetic fluctuations in the collective quantum fields which define it. Considering Ilya Prigogine's Nobel Prize work on far from equilibrium thermodynamics (the Prigogine effect), a chaotic system can self-organize if subjected to 3 conditions, namely: the system must be non-linear, it must experience an abrupt excursion far from thermodynamic equilibrium, and it must be subjected to an energy flux (order from chaos).

An artificially generated high energy/high frequency electromagnetic field... can fulfill all three conditions simultaneously (especially in an accelerated vibration/rotation mode), when strongly interacting with the local vacuum energy state. These interactions are induced by the coupling of hyper-frequency axial rotation (spin) and hyper-frequency vibration (harmonic oscillations/abrupt pulsations) of electrically charged systems (high energy electromagnetic field generators), placed on the outside of the craft in strategic locations.

In this manner, local vacuum polarization, namely the coherence of vacuum fluctuations within the immediate proximity of the craft's surface (outside vacuum boundary) is achieved, allowing for 'smooth sailing' through the negative pressure (repulsive gravity) of the 'void' (the void within the vacuum). It may be stated that the [quantum vacuum] void 'sucks in' the craft [enabling motion control by directional application of the effect on part of the hull].

It is of extreme importance that the craft has the ability to control the accelerated modes of vibration and spin of the electrically charged surfaces... In this manner we can delay the onset of relaxation to thermodynamic equilibrium, thus generating a physical mechanism which may induce anomalous effects (such as inertial or gravitational mass reduction). Furthermore, it is possible to enable the Gertsenshtein Effect, namely the production of high-frequency gravitational waves by high-frequency electromagnetic radiation...¹⁶

Complex hyperdimensional physics explanations offered by Dr. Pais are directly applicable to the human body entering a higher quantum state of awareness; *by simply substituting the word 'craft' with 'body'*.

Bose-Einstein condensation is a process by which one's body can self-organize if subjected to 3 conditions for the Prigogine Effect: "the system must be nonlinear, it must experience an abrupt excursion far from thermodynamic equilibrium, and it must be subjected to an energy flux (order from chaos)." In fact, this process has even been recorded in UFO videos many times, by both military and civilian videographers.



The US military recorded IR drone and satellite video of the UFO mass abduction event of Malaysian Airlines Flight MH370. After magnetization of the aircraft by axial rotations, the 3 spherical UFOs emitted a *superfluorescent burst* at the moment of teleportation, produced by Bose-Einstein condensation in the form of supercooled hydrino plasma (above, left).¹⁷ A similar incident was recorded on the Gulf Coast in 2012, showing a capsule-shaped spacecraft abduct a 51'-long Chinook helicopter in flight (above, right).¹⁸

The flash of light recorded on IR video during the MH370 teleportation event is a superfluorescent burst in the VUV range that is identical to the photon burst that scorched the image of Christ at the moment of His Resurrection. Instantaneous disappearances of objects occur by acceleration of atomic (phonon) vibration. This essential concept was conveyed by the Yaqui seer Don Juan Matus; *"its all just a matter of energy"*:

"Awareness develops from the moment of conception," [Don Juan] replied. "I have always told you that sexual energy is something of ultimate importance and that it has to be controlled and used with great care. But you have always resented what I said, because you thought I was speaking of control in terms of morality; I always meant it in terms of saving and rechanneling energy."

As Don Juan and his fellow "man of knowledge" Don Genaro [Flores] explained it, each of us is born with a relatively fixed quantum of energy... [Special means are needed to raise the body's energy], they explained,... [otherwise] persons with an extremely low quantum need to conserve all the energy they can if they are to have any hope of spiritual knowledge. This was the case with Don Genaro, who, as a young apprentice, was told by his teacher that his energy situation was particularly dire, and that henceforth, "Your pecker is only for peeing." ¹⁹

Both humorous and enlightening, the transcendent teachings of Don Juan Matus and his lineage of Yaqui Naguals are clearly founded on high knowledge of quantum physics inherited from their wise Atlantean ancestors through a direct, unbroken transmission. UCLA anthropologist Carlos Castaneda was given access to high knowledge concerning *Ascension*, described as *the luminous burst of the Third Attention*:

"Seers say that there are three types of attention... they are rather three levels of attainment. They are the first, second, and third attention, each of them an independent domain, complete in itself." He explained that the first attention in man is the animal awareness... everything that one can think about is part of the first attention...²⁰

Don Juan explained that in order for our first attention to bring into focus the world that we perceive, it has to emphasize certain emanations selected from the narrow band of emanations where man's awareness is located. The discarded emanations are still within our reach but remain dormant, unknown to us for the duration of our lives. The new seers call the emphasized emanations the right side, normal awareness, the tonal, this world, the known, the first attention. The average man calls it reality, rationality, common sense.



The emphasized emanations compose a large portion of man's band of awareness, but a very small piece of the total spectrum of emanations present inside the cocoon of man. The disregarded emanations within man's band are thought of as a sort of preamble to the unknown, the unknown proper consisting of the bulk of emanations which are not part of the human band and which are never emphasized. Seers call them the left-side awareness, the Nagual, the other world, the unknown, the second attention.²¹

"[To be able]... to utilize those unused emanations, one needs uncommon, elaborate tactics that require supreme discipline and concentration... the art of dreaming... the concentration needed to be aware that one is having a dream is the forerunner of the second attention. That concentration is a form of consciousness that is not in the same category as the consciousness needed to deal with the daily world.

"The new seers... let the mastery of awareness develop to its natural end, which is to extend the glow of awareness beyond the bounds of the luminous cocoon in one single stroke. The third attention is attained when the glow of awareness turns into the fire from within: a glow that kindles not one band at a time but all the... emanations inside man's cocoon."

Don Juan expressed awe for the new seers' deliberate effort to attain the third attention while alive and conscious of their individuality... "The supreme accomplishment of human beings," he said, "is to attain that level of attention while retaining the life-force, without becoming a disembodied awareness moving like a flicker of light..."²²

[He then explained that]...the glow produced by a state of total awareness... is seen as a burst of incandescence in the entire luminous egg. It is an explosion of light of such a magnitude that the boundaries of the shell are diffused and the inside emanations extend themselves beyond anything imaginable.

"Are those special cases, don Juan?"

"Certainly. They happen only to seers. No other living men or any other living creatures brighten up like that. Seers who deliberately attain total awareness are a sight to behold. That is the moment when they burn from within. The fire from within consumes them. And in full awareness they fuse themselves to the emanations at large, and glide into eternity.

[As seers] our case is a bit different, because we are at the end of our trail. We are not seeking anything... we go from day to day doing nothing. We are waiting. I will not tire of repeating this: we know that we are waiting and we know what we are waiting for. We are waiting for freedom!"²³

For the purpose of guiding living beings to that opening, the Eagle created the Nagual. The Nagual is a double being to whom the rule has been revealed... The Eagle created the first Nagual man and first Nagual woman as seers and immediately put them in the world to see...

In order to make sure that the first Nagual man would lead his party to freedom and not deviate from that path or become corrupted, the Eagle took the Nagual woman to the other world to serve as a beacon, guiding the party to the opening. The Nagual and his warriors were then commanded to forget. They were plunged into darkness and were given new tasks: the task of remembering themselves, and the task of remembering the Eagle...

The command to forget was so great that everyone was separated. They did not remember who they were. The Eagle intended that if they were capable of remembering themselves again, they would find the totality of themselves. Only then would they have the strength and forbearance necessary to seek and face their definitive journey.



Their last task, after they had regained the totality of themselves, was to get a new pair of double beings and transform them into a new Nagual man and a new Nagual woman by virtue of revealing the rule to them... Don Juan explained that the rule was not a tale, and that to cross over to freedom did not mean eternal life as eternity is commonly understood –that is, as living forever. What the rule stated was that one could keep the awareness which is ordinarily relinquished at the moment of dying...

[A]t the moment of crossing, one enters into the third attention, and the body in its entirety is kindled with knowledge. Every cell at once becomes aware of itself, and also aware of the totality of the body... Therefore the crux of the warrior's struggle was not so much to realize that the crossing over stated in the rule meant crossing to the third attention, but rather to conceive that there exists such an awareness at all.²⁴

The specificity of language so skillfully applied by the Yaqui Nagual Juan Matus provides the pupil with an essential truth, *concisely defining the supreme achievement of Christ's Ascension to the 4th-denisty realm.* High knowledge imparted to the world many decades ago reveals the unity of teachings of Christ and those of the Nagual seers of ancient Mexico, tracing back to its root in Atlantean Paleo-Sanskrit traditions.

Christ mastered the same biophotonic practices of the elevated psychoacoustic society of the Atlantean Sons of the Law of One, who developed a global network of piezoelectric temples in a global mandala distribution pattern for focusing cosmic and planetary resonance. Gravity motor arrays and gateways composed of the red-gold Atlantean superalloy *aurichalcum* (β -Ti₃Au) were set into the temple walls for supercharging their bodies for teleportation, levitation, bilocation and other hyperdimensional practices.

The superfluorescent burst of Christ's supreme accomplishment exemplifies the Law before the eyes of His people, leaving a record of His attainment on fabric. Invisible, and in the hyperdimensional awareness of the *Third Attention*, He fused with the emanations at large, gliding through bedrock tomb into eternity.

Through the testament of His burial cloth, Christ's supreme demonstration of the transdimensional utility of the Ark of the Covenant set an example for all to see, as spiritual preparation for the incoming Betelgeuse Supernova blastwave. His transcendence of the physical realm sets forth *the pathway of light*; by ingesting Siddha bhasma to receive the intense, planet-wide radiation surge of γ -ray and neutrino bombardment.

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