

Action Without Reaction Symmetry For EM Space Propulsion Thruster technology.

Leo Vuyk,
Architect,
Rotterdam, the Netherlands.

Abstract,

According to Quantum FFF model (Function Follows Form at the quantum level) the magnetic quantum field has always TWO different rigid string shaped monopole vector components: a North- and a South (N+S) vector field component.

Two different monopole stringy particle are also suggested for the dual electric quantum field, equipped with Plus and Minus vector components.

Based on observation of iron filing-powder patterns close to direct currents in a wire, it is assumed that these monopole (N+S) particle/ wave dualities travel only locally parallel to each other without a magnetic field effect inside the oscillating Axion-Higgs field.

This in contrast with the natural opposing curvature of the so called B field. .

As a result, the magnetic field strength- created by the wire itself-locally drops down to zero, with a up to zero reduced Lorentz force on the iron filing atoms.

As a consequence, this is in contradiction with Maxwell's magnetic field formulas around an electric direct current wire and I call it the "tubular local magnetic dropping zone" (dead zone) around the electric wire, which can be used for reaction less drive propulsion and Levitation in combination with different forms of tubular or spiral magnets.

Magnet optimization is suggested to form spiral configurations of high performance magnet plating with spiraling electric coils in between.

The Lorentz force created on the wire by the static magnetic field of the tubular or spiral magnet (s) is supposed to be the only force in the system, by the absence of a reaction force on the magnet due to the local magnetic dropping zone.

Three circular anti-Maxwell propulsion systems in triangle configuration, should be enough to create stable piloting and flight Experiments with coiled magnetized iron tubes has already shown this new physics reaction less propulsion effect.

Introduction.

Recently professor, Neil Turok said about the problematic understanding of our world of physics: “And so we have to go back and question those founding principles and find whatever it is, whatever new principle will replace them”. see:

<http://www.cbc.ca/radio/ideas/the-ultimate-simplicity-of-everything-1.3490322>

By chance Quantum FFF Theory is based on some forgotten ideas of well known scientists. It was Abdus Salam who proposed that quarks and leptons should have a sub-quantum level structure, and that they are compound rigid particles with a specific non-zero sized form.

Jean Paul Vigièr postulated that quarks and leptons are "pushed around" by an energetic sea of vacuum particles.

David Bohm suggested in contrast with The "Copenhagen interpretation", that reality is not created by the eye of the human observer, and second: elementary particles should be "guided by a pilot wave".

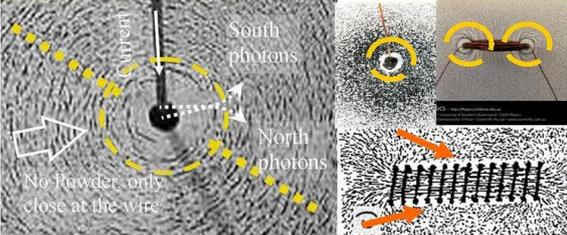
John Bell argued that the motion of mass related to the surrounding vacuum reference frame, should originate real "Lorentz-transformations", and also real relativistic measurable contraction.

Richard Feynman postulated the idea of an all pervading energetic quantum vacuum. He rejected it, because it should originate resistance for every mass in motion, relative to the reference frame of the quantum vacuum.

However, I am urged to postulate the counter intuitive possibility, that this resistance for mass in motion, (figure: 5) can be compensated, if we combine the ideas of Vigièr, Bell, Bohm and Salam, and a new dual universal. Bohmian "pilot wave", which is interpreted as the EPR correlation (or Big Bang entanglement) between individual elementary anti-mirror particles, living in dual universes. (figure:.6) So my proposal is based on a new Rigid String Theory with real rigid strings able to mutate and merge by form based interlocking. (Figure: 7) See:

<http://bigbang-entanglement.blogspot.nl/2016/03/the-quantum-fff-theory-functionfollows.html>

Anti Maxwell Zone close to a current in a wire, is responsible for a new dual Monopole Photon based reaction less spaceflight principle.



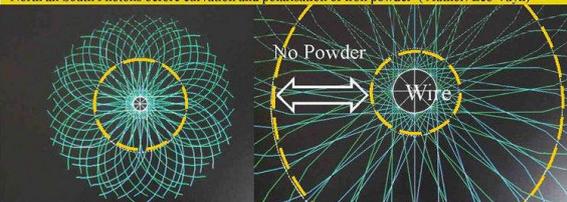
Reaction less space propulsion principle based on a so called "Anti Maxwell zone" around a direct current in a wire.

According to Quantum FFF Theory based dual magnetic photon monopole model.

According to Quantum FFF theory, all magnetic fields can be presented as DUAL Magnetic Monopole Photon Vector Arrays. These monopole arrays undergo curvature. As a result, the magnetic field intensity around the Earth and a wire is NOT dropping off with the square of the distance from the source!! The field become stronger polarized away from the source (See images). Close to the current transporting wire the magnetic field strength is zero due to the parallel trajectories of North and South Photons before curvature and polarisation of iron powder. (Author: Leo Vuyk)

Lorentz force on the wire without a magnet reaction force.



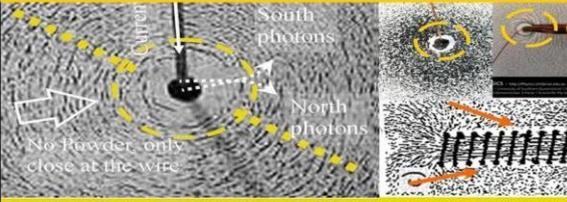


TWO (North and South) Monopole Photon trajectories around a current in a wire shown in cross section. Between the two yellow circles both (N+S) trajectories are pointing about parallel. The result: No iron Powder orientation between the concentric circles, as is observed in the lab (see upper photo). This is a firm support for the monopole photon vector array element of Quantum FFF Theory.

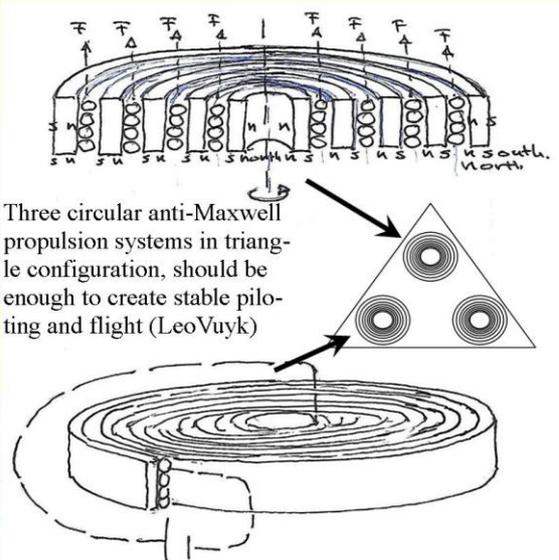
Figure: 1, Anti Maxwell zone close to a current in a wire, (observable by the filing absence direct around a wire).

The New Dual Magnetic String Physics of the Anti-Maxwell Magnetic dip around a wire, for reaction less space propulsion.

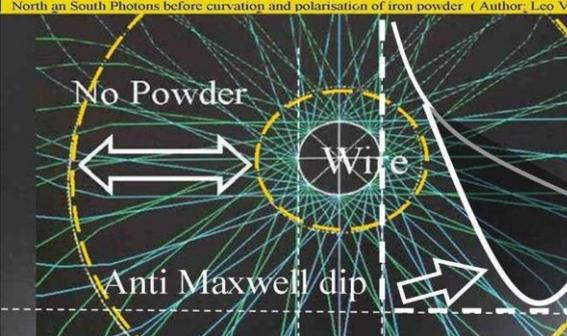
Explained by detail observation of iron powder distribution (the ring shaped absence) around a wire or coil. Below: Several observations and explanation by the curvature of monopole quantum information arrays.



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Three circular anti-Maxwell propulsion systems in triangle configuration, should be enough to create stable piloting and flight (LeoVuyk)



New physics of Rigid String Theory called "Quantum FFF Theory", as a base for new understanding of Anti-Maxwell magnetic field distribution around a wire. And reaction less propulsion.

Figure: 2, Dual magnetic string physics.

Reaction less space propulsion demonstrated by a coil around a circular magnetised iron tube.(video)

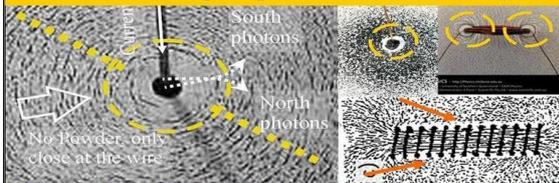
Reaction less space propulsion principle based on a so called "Anti Maxwell zone" around a direct current in a wire. According to Quantum FFF Theory based dual (North and South) magnetic photon monopole model.



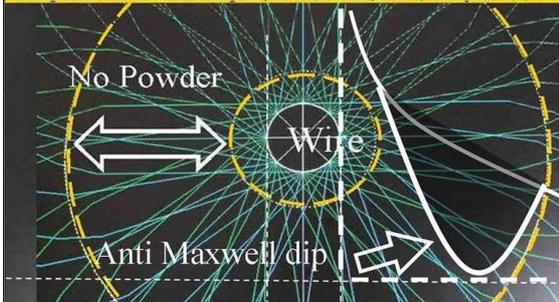
Figure: 3, Reaction less space propulsion thruster simple experiment as kitchen table experiment. For the experiment, see: youtube, <https://www.youtube.com/watch?v=JxAsQy20uZc>

Anti Maxwell Magnetic Dip explained by Monopole Quantum String Interpretation of the Magnetic dual monopole (N+S) curved radiation jets ejected by the spiraling electron in a wire. (According Quantum FFF Theory)

Explained by detail observation of iron powder distribution (the ring shaped absence) around a wire or coil. Below: Several observations and explanation by the curvature of monopole quantum information arrays.



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Polar electron North and South radiation jets (N+S) around an atomic nucleus

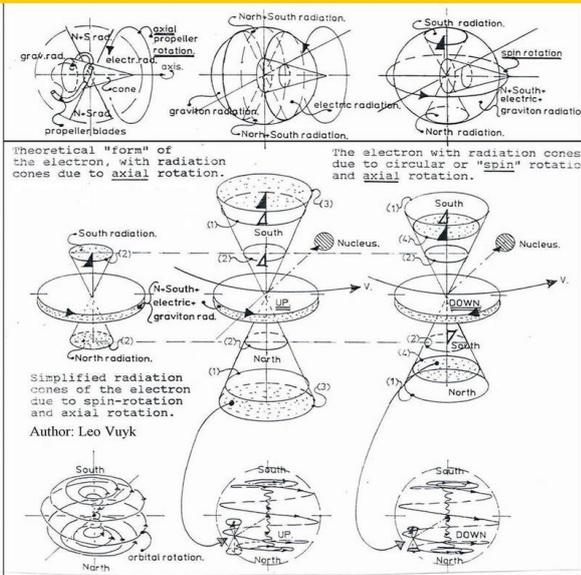
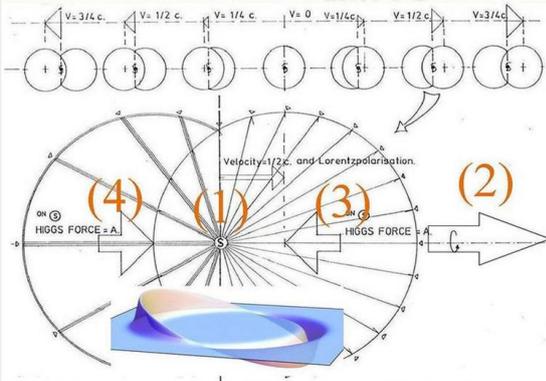


Figure: 4, Maxwell dip explained by N+S magnetic –electric and graviton monopoles created by the Axion Higgs field collision with the propeller shaped fermion showing cone shaped vector field geometry.

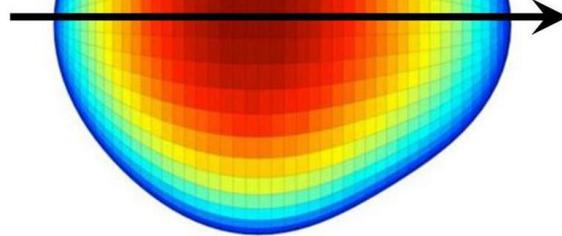
Pear Shaped Nucleons, as the result of non-accelerated motion through the massless but resistive oscillating Axion-Higgs field vacuum.

Polarized Fermion Mass in motion through the resistive, but also pushing oscillating Higgs vacuum (according to Quantum FFF theory)

Nucleon polarisation based on Fermion (Quark) propeller polarisation



Direction of absolute Fermion (Quark) motion in the Higgs field reference frame, variable by gravity also called spacetime



Cross section through the 3D vector field pressure distribution on a Fermion point mass (1). Propeller shaped spinning Fermions are supposed to be Polarized into the direction of flight through the vacuum lattice (2). As a result, the resistive vacuum Higgs force (3) is compensated by the Higgs Pushing force (4) from the "backside" of the Fermion. However every Fermion need to have polarization memory consciousness. (by a multi universal entanglement system see: Quantum-FFF theory)

Polarized nucleons found by B. Bucher et al. (LHC Geneva) see: <https://arxiv.org/pdf/1602.01485v1.pdf>

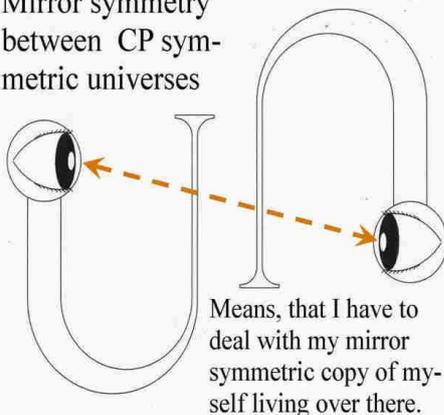
Figure 5, Mass in motion showing pear shaped nucleons found by B. Bucher (LHC Geneva)

The Wavefunction collapse in the (CP symmetric) raspberry multiverse by the entangled observation between (anti) copy particles

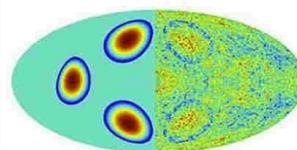
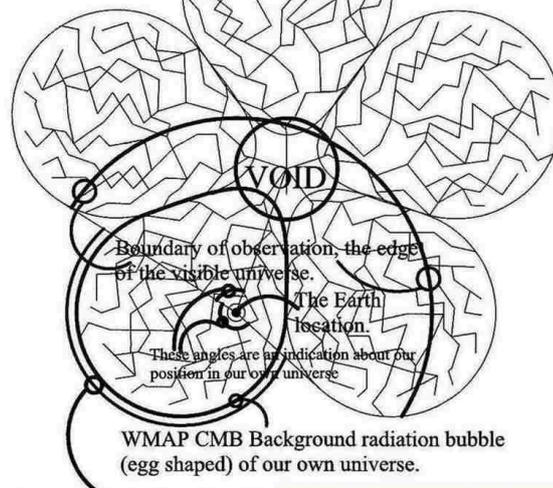
According to Quantum FFF Theory, the collapse of the wavefunction is assumed to be triggered by particle collisions with instant entanglement between (anti-) COPY universes. So there is Charge and Parity symmetry between the entangled particles living in opposing universes. Each particle is its own observer!! Each human has to deal with one or more opposing anti-COPY humans.

2-D Section through the raspberry multiverse, with huge void in the middle. The void in the middle is supposed to be originated by the start of the Fractal process, when the vacuum density of the former cyclic multiverse was still too high for a fine grained fractal process (see my book).

Mirror symmetry between CP symmetric universes



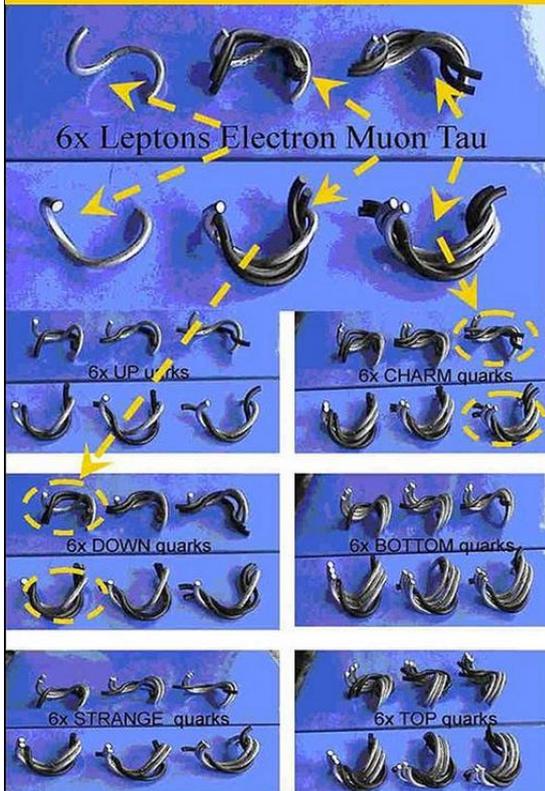
Means, that I have to deal with my mirror symmetric copy of myself living over there.



The Dodecahedron Raspberry Multiverse with a 5-fold neighbour Low Variance contact structure lead to a Golden Ratio (Phi) in every single universe according to Quantum FFF Theory (Function Follows Form)

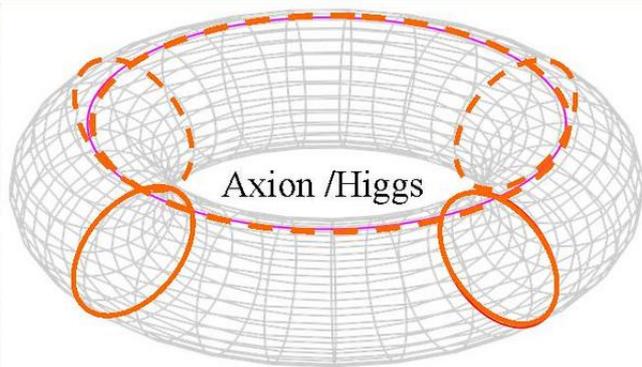
Figure 6. Wavefunction collapse by multiverse entanglement.

Composite rigid transformable string models based on 3x internal-90 degr. step rotation of the Axion-Higgs Torus made of primordial matter.



Geometrical proposal for the sub-quantum structure of 6 Leptons and Quarks interpreted as compound Photon/Electron Positron propeller combinations. Muon- and Tau particles seem to show up as family members of the Down respectively Charm Quarks.

The basic rigid transformable Axion string Torus with aspect ratio (=7) and 1x splitting and 3x hinges made of primordial matter, according to Quantum FFF Theory.



All Photons (1x graviton, 2x electric-, 2x magnetic and 1x general x-gamma-ray photon) and two Fermions, are transformed direct out of the massless Axion/Higgs ring, by internal hinge rotation over 90 degree steps. Electric Dark Matter Black Holes (EDMBHs or EREBONS (Penrose) are formed by 3 or 4 photon knots (ball lightning). Neutrinos are single transformed photons or fermions.

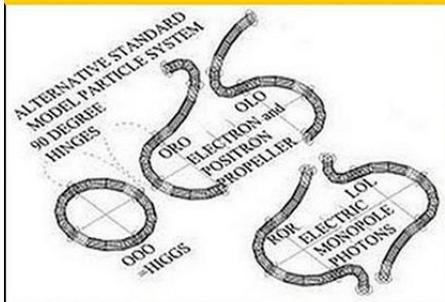
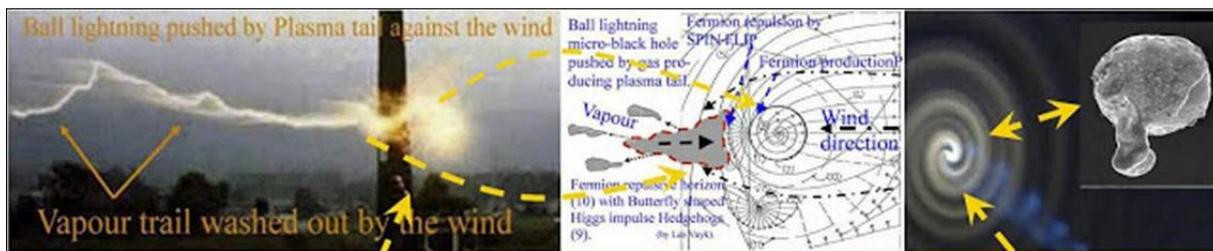
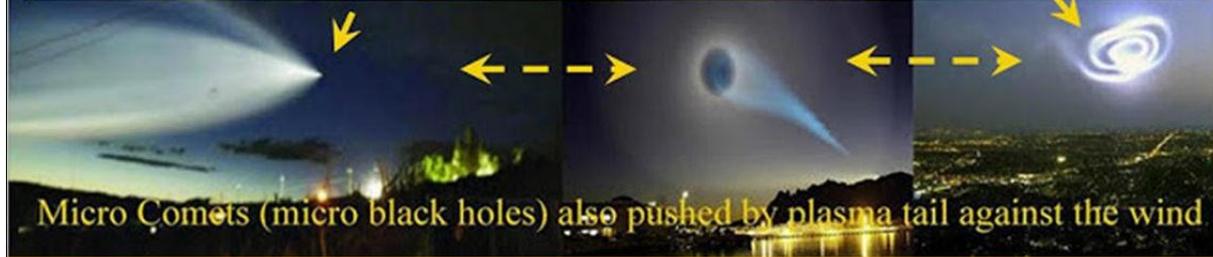


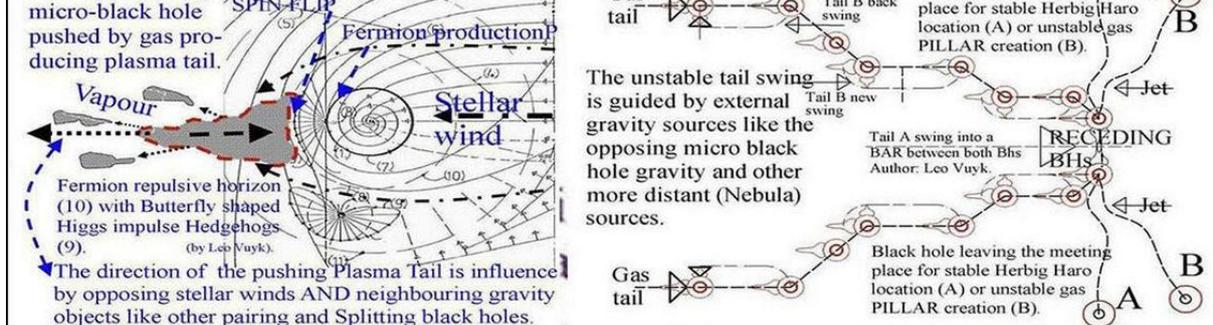
Figure: 7, Rigid transformable string models for the standard model.



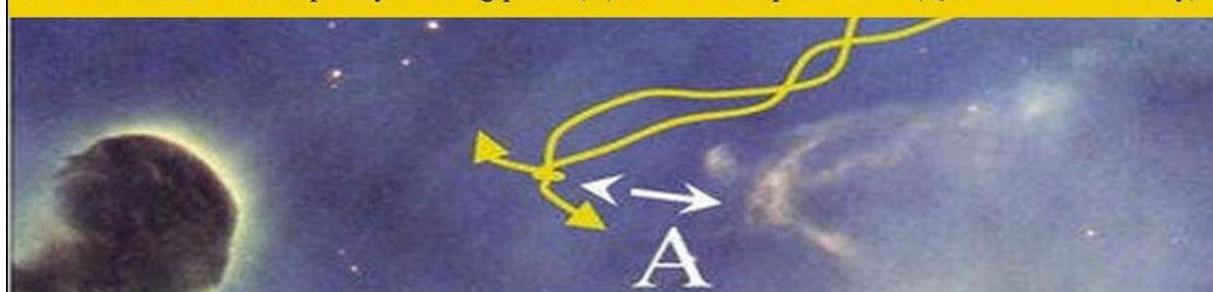
Ball Lightning and Micro Comets Based on New ZPE Black Hole Paradigm



Micro Comets (micro black holes) also pushed by plasma tail against the wind



Several accelerating pairing and receding micro black holes, as the start of HH objects, in the Carina nebula, with temporary meeting place (A) and ionised plasma tail. (Quantum-FFF Theory)



Splitting and Pairing Electric Dark Matter Black holes, self propelling in space and even earth. By: Quantum FFF Theory.



Figure: 8, Action without reaction effects around (micro interference) black holes, observable in space and on earth (Ball Lightning)

Background of the new Q-FFF model.

According to Quantum Function Follows Form Theory, the Big Bang was the evaporation and splitting of a former Big Crunch black hole nucleus of compressed Axion Higgs particles into the oscillating Axion /Higgs field vacuum lattice respectively chunky nuclei of dark matter black holes.

The vacuum Lattice is supposed to represent a dynamic reference frame and the so called Dark Energy or Zero Point Energy acting as the motor for all Fermion spin and as the transfer medium for all photon information, leading to local lightspeed and local time.

The energetic vacuum lattice is also assumed to act as a Gravity Quantum Dipole Repeller because gravitons do not supposed to attract- but repel Fermions with less impulse than the vacuum dark energy particles.

So, Feynman diagrams become more complex than before..

Recent measurements by Yehuda Hoffman et al. did show the large scale repelling effect of “empty space” in opposition of the “attracting gravity effect” of super clusters which he called “Dipole Repeller” effect.

This seems to be a great support for the dual Quantum gravity proposal of Quantum FFF Theory, as opposing quantum push effects between vacuum particles and gravitons on Fermion around massive objects.

Recently I found that the merging of galaxy clusters itself show dynamic observational signs of a contraction of the vacuum inside the merging galaxy clusters by the anomalous central clustering of the dark matter black hole content which seems to be stripped from the individual galaxy clusters located at the borders of the new super cluster.

(see Abell 520 and bullet cluster: “no inertia effect of dark matter black holes”.)

If there is vacuum absorption inside galaxy clusters, (Black Holes EAT the vacuum (Axion Higgs Field) then we also may assume that the universal vacuum between galaxy clusters should be also subjected to this absorption process, (which surpass the redshift of relative speed) as a sign for universal contraction and negative entropy, leading to a cyclic universe.

All Black holes EAT the dark energy Axion-Higgs vacuum lattice supposed to be the origin of the Hubble redshift and universal contraction.

In particle physics it is an interesting challenge to postulate that the FORM and structure of elementary particles is the origin of different FUNCTIONS of these particles.

The model which is the result is called “Quantum Function Follows Form” model.

As a consequence, the standard model should be extended with changes for an alternative electric dark matter black hole, quantum gravity, the mass related local lightspeed, and topological superconductive dark energy Axion/Higgs vacuum etc.

The massless Axion-Higgs ring shaped particle itself, (figure 7) is supposed to be the base for an discrete energetic oscillating quantum space lattice with the Planck scale and the origin of Casimir pressure effect as one counteracting pressure half of all forces in nature such as a repulsive quantum gravity (dipole repeller) or even magnetism.

The other half of all forces is supposed to be created by the opposing repulsive force on fermions of open rigid monopole photonic space oscillating vacuum lattice particles.

(see quantum gravity: figure 29.)

Occam's razor seems to be not needed here to create an ontological sound mechanism. As a consequence, a singularity (black hole) is depicted as a complex knot of different shaped rigid Axion Higgs particles and the Big Bang singularity black hole is supposed to contain all the particles which lived before in a former universe. According to Quantum FFF Theory however, the LHC Higgs particle of 124-126 GeV is not supposed to be the single massless Axion Higgs in the form of a closed torus rigid string, but as the smallest rigid string knot to form the smallest black hole nucleus. The dual mass between 124 and 126 GeV, is assumed to be originated by the dual mirror symmetrical shape of the Higgs knot in relation with the chirality of the vacuum lattice . (For the Quantum Dipole Repeller effects, see figures 9 and 10.)

Quantum Dipole Repeller Gravity pushing our Galaxy.

According to Quantum FFF Theory, empty space is filled with a fast oscillating lattice of massless Axion-Higgs field particles as a half base for our opposing dipole pressure Higgs-graviton gravity on earth. Now prof. Yehuda Hoffman shows us a support for this hypothesis.

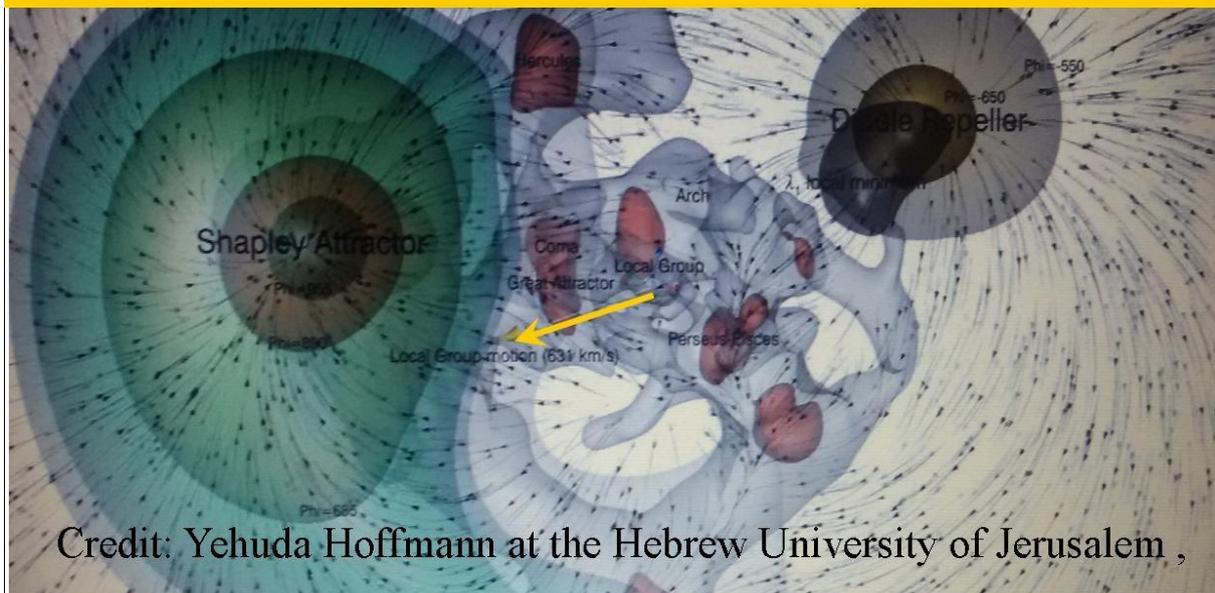
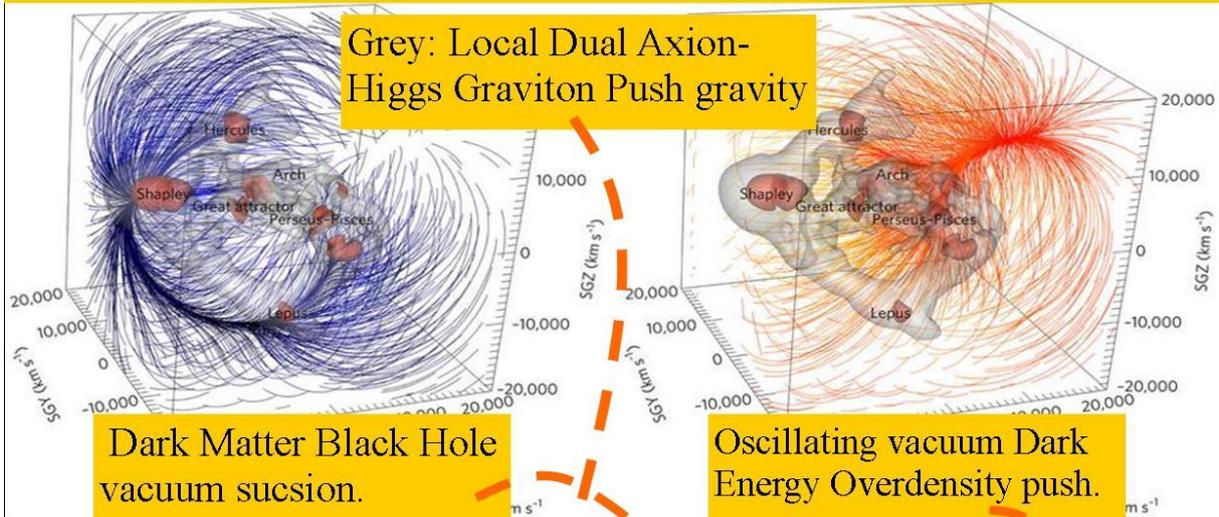


Figure: 9, Quantu Dipole repeller Gravity pushing our galaxy away from empty space.

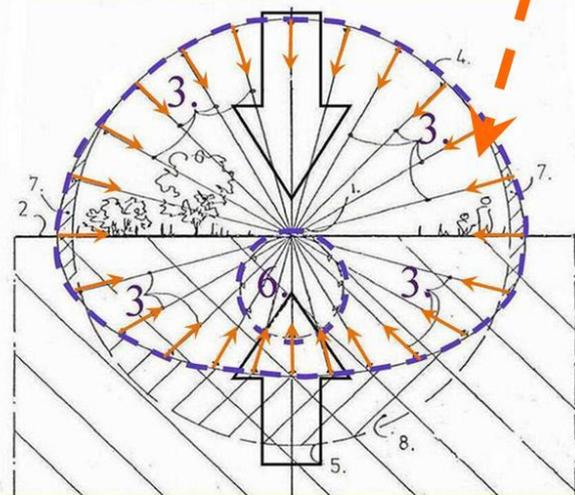
Quantum Dipole Repeller Gravity pushing our Galaxy.

According to Quantum FFF Theory, Empty space is filled with a fast oscillating lattice of massless Axion-Higgs field particles as a part of our opposing dipole pressure Axion-Higgs-graviton gravity on earth. Now prof. Yehuda Hoffman shows us a support for an extra hypothesis of an extra gravity effect between dark energy overdensity push from material voids and dark matter pull from Black hole and material concentrations.

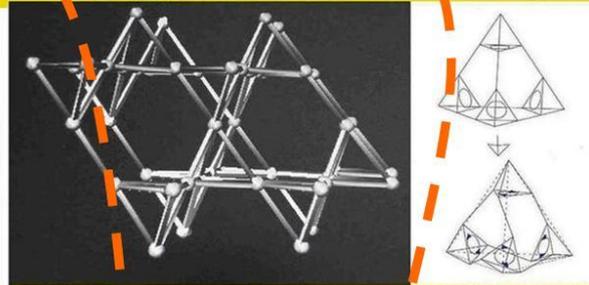


Quantum Gravity as pressure distribution of the oscillating dual Higgs/Graviton vector field.

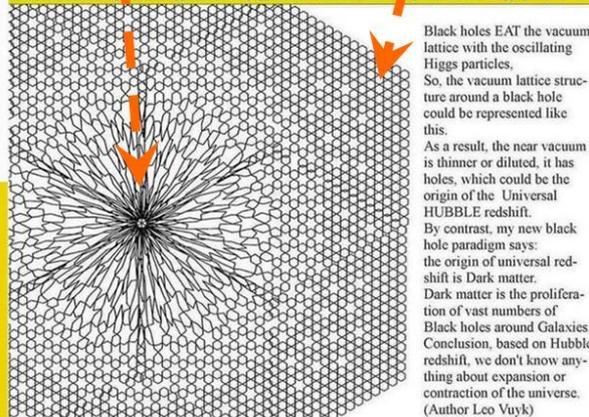
New Dark Matter Black Hole, "Eat" the chiral oscillating Higgs vacuum.(Quantum-FFF Theory)



Cross section through the dual Higgs/ Graviton 3D vector field pressure distribution (or globular Hedgehog) on a point mass (1) located on earth's surface (2), according to Quantum FFF theory. 3+4= Higgs vector field. 6= Graviton vector field originated by the Higgs-graviton field transformation of the earth itself. 7+8= differences with a perfect globular vector distribution. Field variables 3+6 are rendered as inversed arrows. (see also black hole pressure distribution without gravitons)



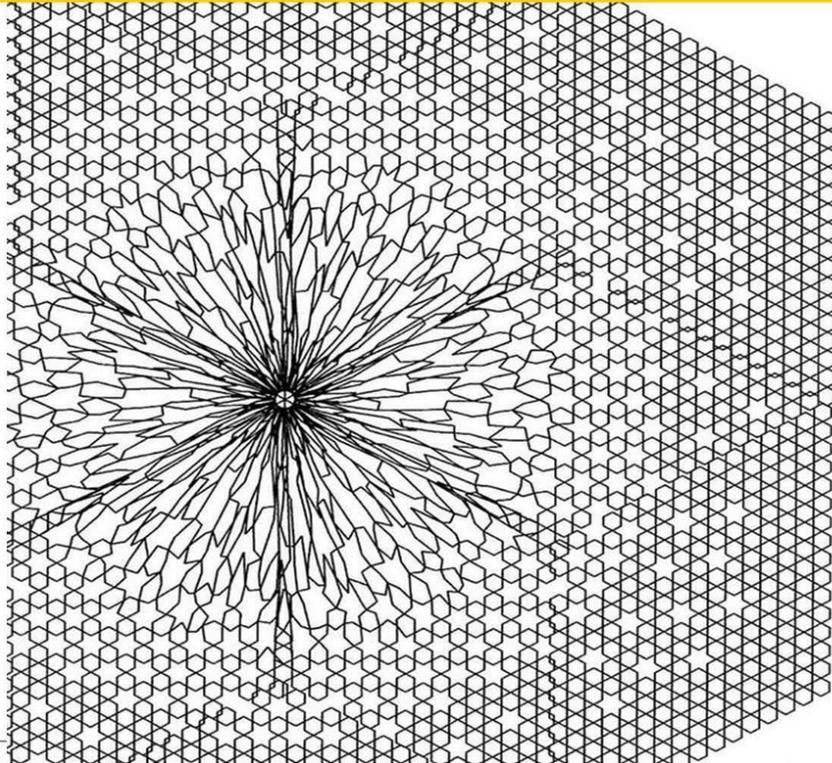
Simplified tetrahedral vacuum lattice structure (left), constructed by complex chiral tetrahedral building blocks (right). Each universe has to choose between a left- or right-handed rotation of its tetrahedral building blocks. Each chiral lattice has the Planck length and is supposed to be equipped with at least two oscillating massless new Higgs particles.



Black holes EAT the vacuum lattice with the oscillating Higgs particles. So, the vacuum lattice structure around a black hole could be represented like this. As a result, the near vacuum is thinner or diluted, it has holes, which could be the origin of the Universal HUBBLE redshift. By contrast, my new black hole paradigm says: the origin of universal redshift is Dark matter. Dark matter is the proliferation of vast numbers of Black holes around Galaxies. Conclusion, based on Hubble redshift, we don't know anything about expansion or contraction of the universe. (Author Leo Vuyk)

Figure: 10, Large scale Dipole Gravity by Axion-Higgs field overdensity and Dark Matter Black Hole vacuum suction combined with local Graviton push opposing the Quantum Vacuum dark energy push.

Dark Matter Black holes EAT the dark energy Axion-Higgs vacuum lattice as the origin of the Hubble redshift. According to Quantum Function Follows Form Theory.



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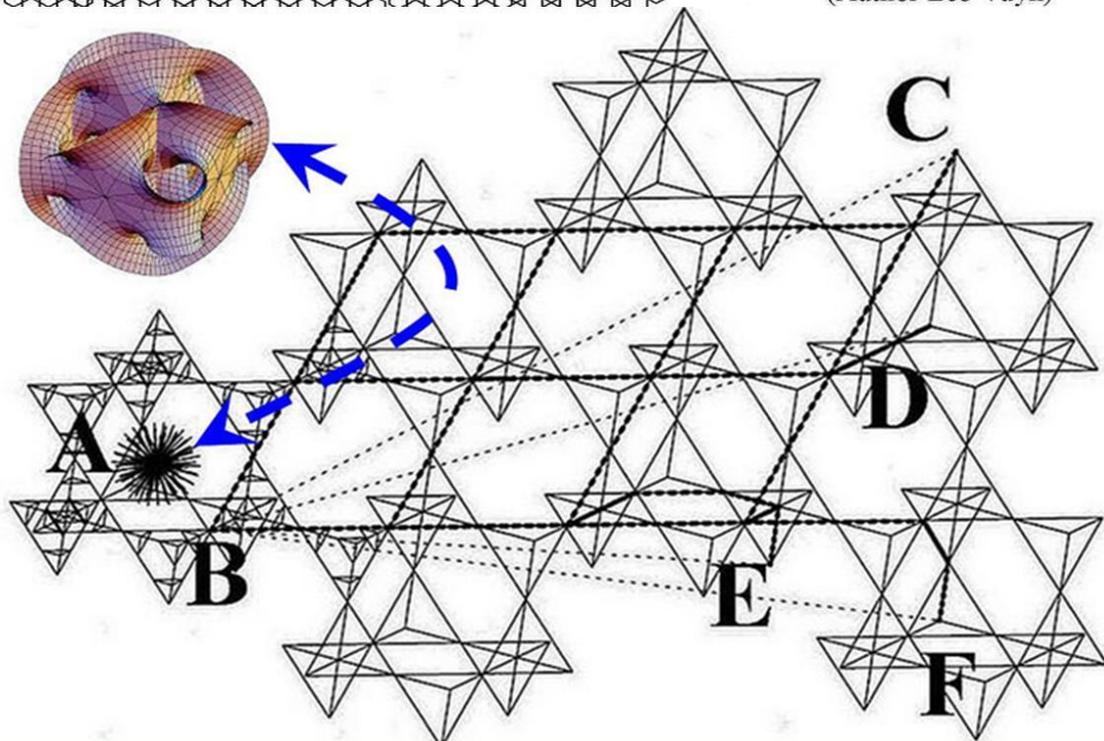


Figure: 11, Dark Matter Black holes EAT the dark energy Axion-Higgs vacuum lattice as the origin of the Hubble redshift. According to Quantum Function Follows Form Theory.

The Origin of the Hubble Redshift: INcreasing and DEcreasing lattice Planck length with one directional local light-speed variations around black holes.

Black Hole Nucleus is a Quantum Knot, evaporate or eat the local Axion-Higgs vacuum if it has large enough scale, (Quantum FFF Theory)

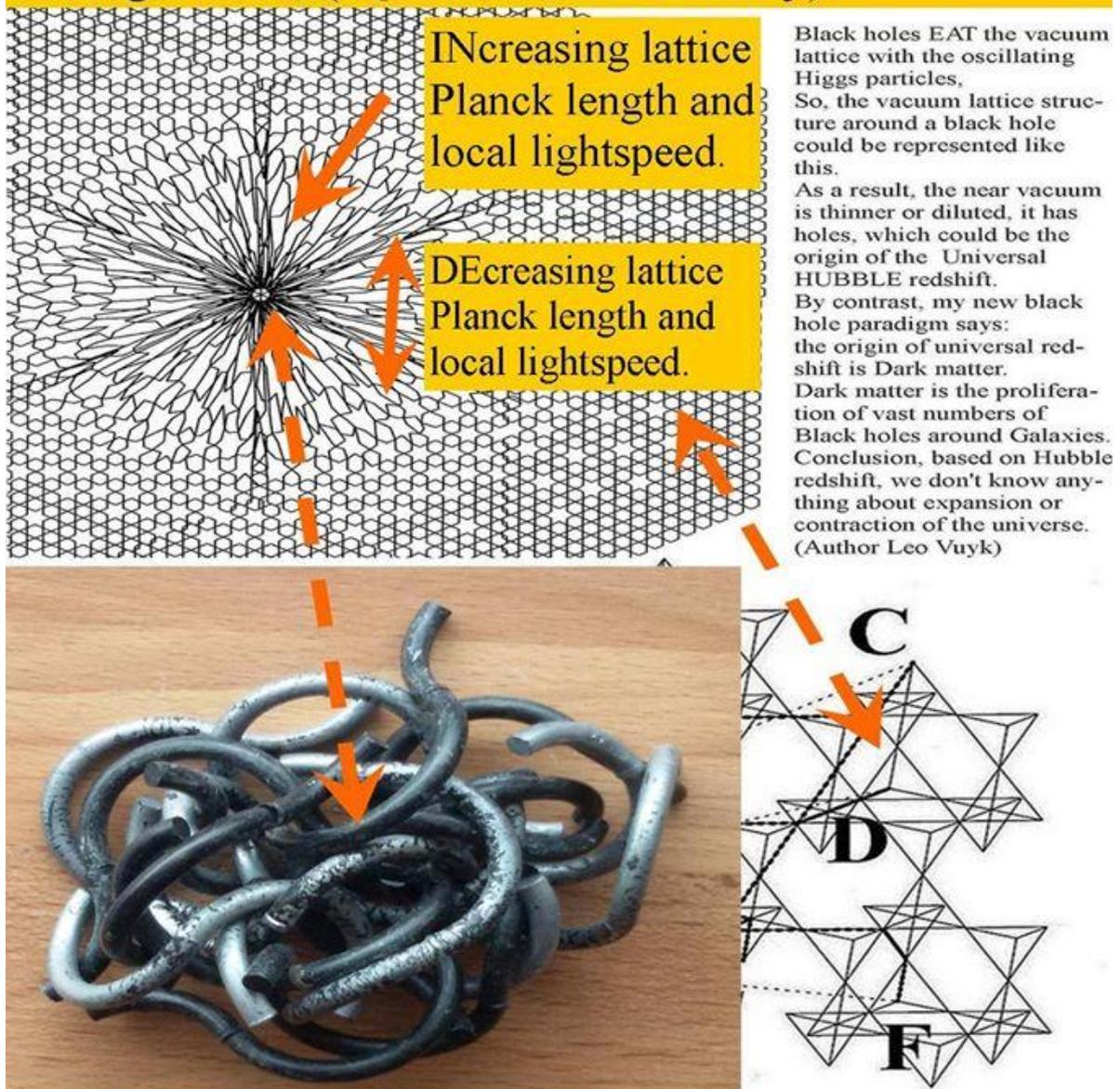


Figure: 12, The origin of the Hubble redshift, by increasing and decreasing vacuum lattice Planck length with one directional local light-speed variations around black holes and even the sun by sunspot black holes.

Figure 3:

Relativistic Quantum Mechanics and the Origin of the changing Hubble Redshift of distant objects explained by INcreasing and DEcreasing lattice Planck length with one directional local lightspeed variation around vacuum eating black holes.

INcrease or DEcrease of the local Planck length around proliferated black holes, lead to one directional lightspeed variations and variations of the Hubble redshift by dynamical changes in the foreground configuration of standard candles like Supernova BHs..

So this is a beginning of reconciliation between relativity and quantum mechanics called relativistic quantum mechanics.

The quantification of space to meet relativity rules at a certain level. with the ability to test the differences between them, in the lab by dual satellites or dual balloons. see:

<http://vixra.org/pdf/1409.0164v2.pdf>

Explanation of the Relativistic QM 3D logic behind the variable lightspeed around black holes.

Each vacuum lattice tetrahedron has four nodes connecting four opposing tetrahedrons. Each tetrahedron has 6 chiral edges each equipped by two massless oscillating Axion-Higgs vacuum particles arriving at the same interval (the same universal synchronized moment) at the nodes to transfer their photon information to a second Axion Higgs particle active oscillating on one of possible three opposite edges of the opposing tetrahedron.

If the tetrahedrons become anti-symmetric as suggested around black holes, (see image) the length of the edges change and consequently the lightspeed changes also by the difference in length of the photon trajectory within the same interval of oscillation between the nodes.

So this is a reconciliation between relativity and quantum mechanics or relativistic quantum mechanics. The quantification of space to meet relativity rules at a certain level. with the ability to test the differences between them, in the lab by dual satellites or dual balloons.

Conclusion: spacetime curvature around massive objects can be translated into oscillating Quantum space lattice with variable Planck lattice length.

The Many Worlds of Quantum FFF Theory.

Quantum FFF Theory can be compared with Many Worlds (8 or 12) with instant Pilot Wave entanglement between CP symmetric copy particles (Quanta) at long distance, to keep all universes CP symmetric copies.

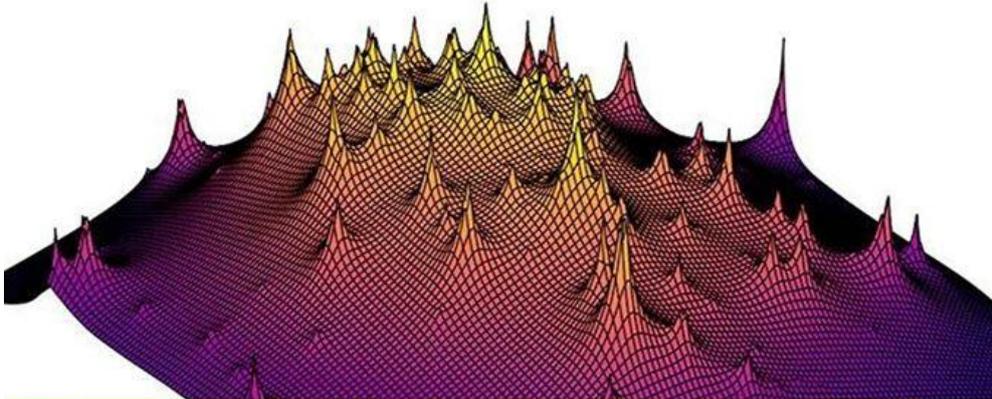
see: <http://vixra.org/pdf/1210.0177v1.pdf>

Instant Broglie Bohm Pilot Waves, the Origin of All Entanglement Effects in the Lab and Wavefunction Collapses in Our Universe as Related to Our Opposing Anti-Copy Universe(s) According to Quantum FFF Theory.

Numerous Dark Matter peaks assumed to be Galaxy Anchor Dark Matter Black Holes.

(According to Quantum FFF Theory)

Dark matter clump 3D distributions in a distant galaxy cluster. According to Quantum FFF Theory, Galaxy Anchor Black Holes are dual grouped Big Bang Black Hole splinters mostly grouped into dual Herbig Haro systems, as a base for star and galaxy formation.



Below: Example of the clumping of dark matter black holes during temporary galaxy passage through the center of the collision area. Galaxies seem to lose their Galaxy Anchor Black Holes concentrating around the center.



Figure: 13, Dark matter peaks inside a large galaxy cluster, seem to represent the largest primordial GABHs (Galaxy Anchor Black Holes) or Big Bang splinters. The peaks are additional to the “mountain of dark matter black holes” (Dark Matter Core) of all sizes down to Sunspot black holes, Comet nuclei and ball lightning.

The smaller cluster (bullet) lost most dark matter content to the larger cluster. (A, B, C) It is assumed that the smaller cluster will decelerate and return to merge and unite.

see: Electric Dark Matter Black Holes Outside and Inside Galaxies possibly related to the creation and contraction of a Cyclic Universe.

see: <http://vixra.org/pdf/1503.0186v5.pdf>

Gluons. However Gluons should transfer form information to the oscillating luminiferous Axion-Higgs field ether, within about 1 cm distance from a fermion.(see: Babcock and Bergman anomaly,1964)

18, Different elementary particles have different qualities by their different complex stringy shape. Leptons and Quarks have a propeller shape with left or right handed pitch creating charge difference. Gluons, Photons and Neutrino particles have no pitch.

20 All particles can be converted to one or more Higgs particles, Lepto Quarks are also compound particles with an exception for the electron and positron..

21 All particles are assumed to be present as Higgs particles already in the cyclic Big Bang Black Hole (BBBH) after the former multiverse has collapsed into a Big Crunch Black Hole.

22, We seem to live inside one material universal bubble of an instant entangled (Charge Parity Time) CPT symmetric raspberry bubble multiverse. Each quantum jump or wave function collapse or human choice is guided by this instant entanglement at long distant.

If our material universes has a chiral oscillating Higgs field, then our material Right Handed DNA helix molecule could be explained.

However it also suggests that in our opposing ANTI-MATERIAL multiverse neighbour universe the DNA helix should have a LEFT HANDED spiral.

According to Max Tegmark: in an entangled multiverse we may ask: is there COPY PERSON over there, who is reading the same lines as I do?

If this COPY person is indeed living over there, then even our consciousness should be shared in a sort of DEMOCRATIC form,

Then we are not alone with our thoughts and doubts, see:
Democratic Free Will in the instant Entangled Multiverse.

Conclusion, Quantum FFF Theory is based on Non-Local Realism. The CP(T)-symmetrical raspberry shaped multiverse (with 8-12 berries) is non local instant connected down to each quantum. Each quantum can be visualised as a deformed Axion-Higgs ring able to convert into other shapes and able to form compound structures like quarks, muons or even Tau leptons. So realism (cogwheels) connected by symmetric non-local instant entanglement.
vixra.org/pdf/1401.0071v2.pdf

It was **Abdus Salam** who proposed that quarks and leptons should have a sub-quantum level structure, and that they are compound hardrock particles with a specific non-zero sized form. **Jean Paul Vigiér** postulated that quarks and leptons are "pushed around" by an energetic sea of vacuum particles.

David Bohm suggested in contrast with The "Copenhagen interpretation", that reality is not created by the eye of the human observer, and second: elementary particles should be "guided by a pilot wave".

John Bell argued that the motion of mass related to the surrounding vacuum reference frame, should originate real

"Lorentz-transformations", and also real relativistic measurable contraction.

Richard Feynman postulated the idea of an all pervading energetic quantum vacuum. He rejected it, because it should originate resistance for every mass in motion, relative to the reference frame of the quantum vacuum.

However, I postulate the strange and counter intuitive possibility, that this resistance for mass in motion, can be compensated, if we combine the ideas of Vigiér, Bell, Bohm and Salam, and a new dual universal Bohmian "pilot wave", which is interpreted as the EPR correlation (or Big Bang entanglement) between individual elementary anti-mirror particles, living in dual universes.

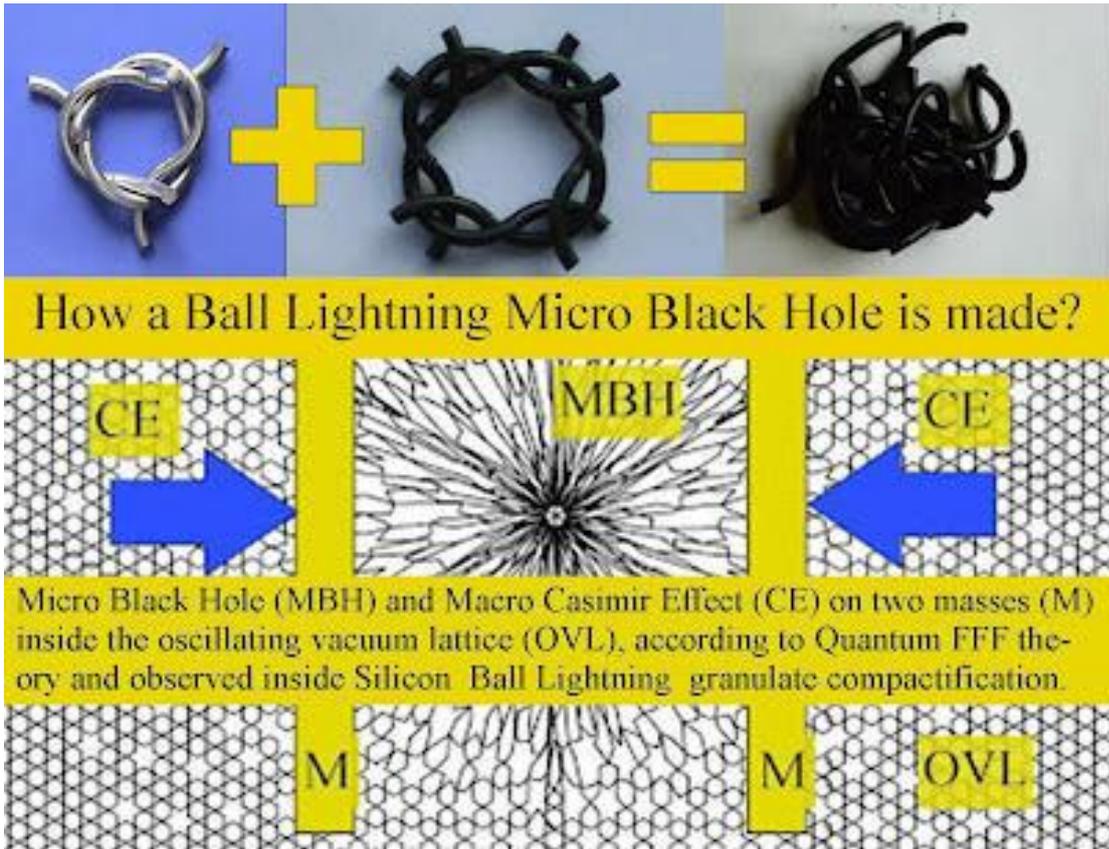


Figure: 15, basic elements for black hole formation, with vacuum deformed structure around a black hole.

LIGO based Black Hole ratios and the ability to merge or split into two equal BH parts, able to create Herbig Haro systems and Gamma Ray Bursts. Such splitting systems are observed in the so called Spire part of the Eagle nebula.

The origin of Gamma Ray Bursts, by splitting black holes of different size, leaving three BHs behind. Two of them could form a Herbig Haro Object with a dumbbell structure. (Quantum FFF theory@Leo Vuyk).

Dual black hole merger nominal mass contents observed by LIGO in 2015 and 2016 resp. 29/36x and 7.5/14.2x sun masses. see: Quantum FFF Theory. The related ratios are: 1/1.24 resp. 1/1.9.

TWO REPULSIVE ION TAILS around electron jets (bar shaped) between two DIFFERENT sized black holes: THE SMALLER BLACK HOLE WILL SPLIT THE LARGER ONE BY ITS CONCENTRATED ELECTRON JET AND VACUUM INFLUENCE. Author: leo Vuyk

Example: the Eagle nebula splitting

Small black holes should split larger BHs into two equal parts to create dual Herbig Haro hotspots also called bowshocks or accretion outburst sources.

2 LIGO ratios: 29-36/7,5-14.2sun= 1,0/1.24/1.9

Herbig Haro creation ratio: 1x

BH splitting ratio 1.0 >> 1.9-?-50.0?

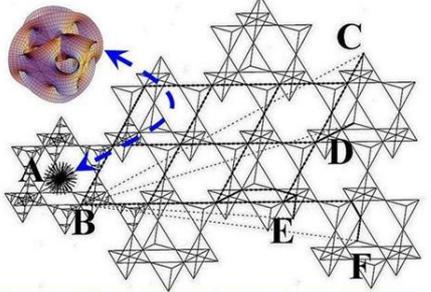
Galaxy central BH merger: 1.0 // >50.0?

Figure: 16, suggestions for black hole nuclear splitting and merging by BH nuclear collision of different sizes.

The massless chiral Axion/Higgs oscillating dark energy vacuum field with a Topological superconductor function.

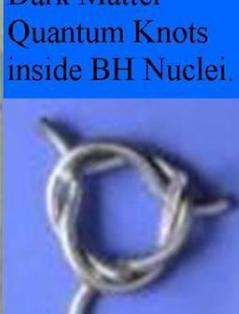
The massless transformable Axion /Higgs particle is supposed to act as the mother of all single and compound rigid string particles fermions/neutrinos, photons etc.

Topology of the Oscillating Chiral Higgs field vacuum structure, with Dark Matter Quantum Knots inside Black Hole Nuclei, as the second energetic element to make the Multiverse a cyclic self organising system.

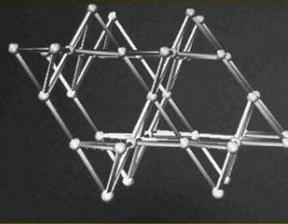
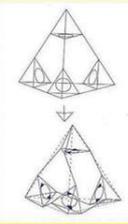


Photon trajectories through the tetrahedral oscillating Higgs vacuum lattice. (Acc. to Quantum FFF Theory)
 A: a real shaped Photon is created by Higgs collision with a dual axis spinning (Calabi Yau) Fermion propeller.
 B: that Photon transfers CODED form information (monopole photon info) and direction information into one Higgs particle which transfers this information by mutual Higgs collisionary oscillations through the vacuum in one specific direction.
 C, D, E, or F
 F: Only magnetic photonic information (2x : North and South) are subject to curvature by an undisturbed symmetric oscillating vacuum
 II: Local Anti-Symmetric Oscillating vacuum Frames are influenced by massive objects like the earth and responsible for semi relativistic effects.
 III The vacuum lattice has helix- or chiral quality being the origin of our material universe.

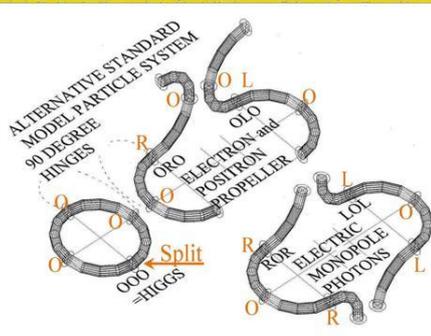
Dark Matter Quantum Knots inside BH Nuclei.

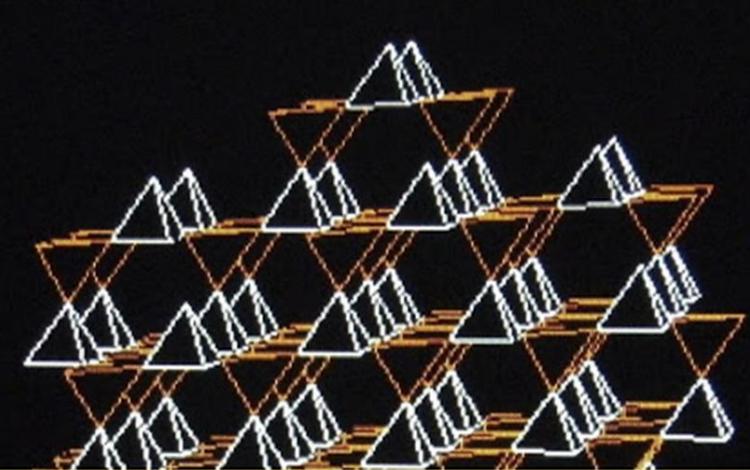
New Dark Matter Black Hole, "Eat" the chiral oscillating Higgs vacuum. (Quantum-FFF Theory)

Simplified tetrahedral vacuum lattice structure (left), constructed by complex chiral tetrahedral building blocks (right). Each universe has to choose between a left- or right-handed rotation of its tetrahedral building blocks. Each chiral lattice...

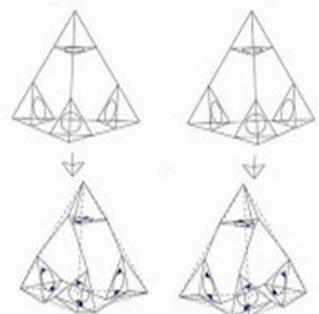


ALTERNATIVE STANDARD MODEL PARTICLE SYSTEM
 90 DEGREE HINGES
 ORO ELECTRON and POSTERON PROPPELLER
 LOL ELECTRIC MONOPOLE PHOTONS
 Split = HIGGS



Truncated tetrahedron space according to the Quantum-FFF model. Each tetrahedron lattice has a spiral shape based on three linear units

3-D image of TWO tetrahedron space fill units with chiral, left or right handed characteristics, the origin of our material universe and our opposite anti-matter universe.

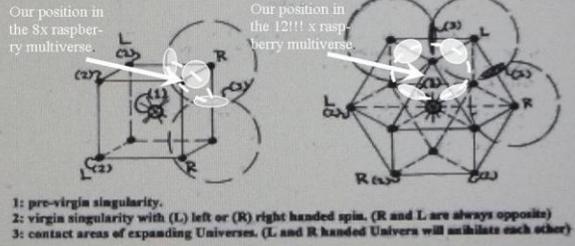


Space fill unit with RIGHT hand rotation. Space fill unit with LEFT hand rotation.

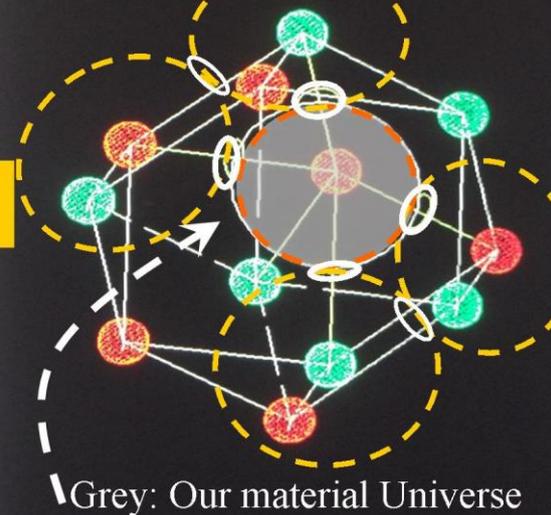
Figure: 17, Dark energy vacuum field with topological superconductor function for local and inter-universal entanglement as a base for a function collapse and democratic free will according to Quantum FFF Theory.

Our position in the 8 or 12 !!! fold raspberry multiverse. Elliptic shaped CMB peak radiations are tell tales. (left). At the rightside a 12 fold symmetric cube octahedron multiverse diagram is depicted with red: matter and green: anti matter entangled universes.

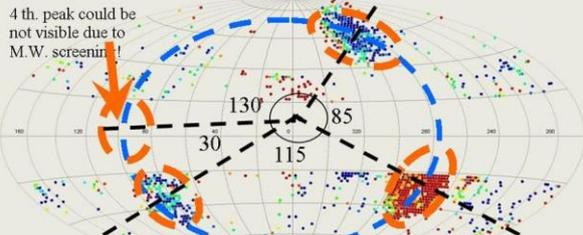
CONFIGURATION FOR 8 OR 12 UNIVERSES.



3 , 4 or 5x elliptic Contact areas in the CMB?



Three extreme fluctuations (elliptic shaped peaks) in the Cosmic Background radiation tell us about our position inside the 8-or 12 fold raspberry multiverse, according to Quantum FFF Theory.



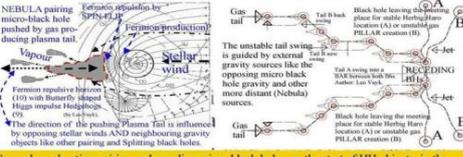
FLUCTUATION ANOMALIES IN THE COSMIC MICROWAVE BACKGROUND. CREDIT: V. G. GURZADYAN AND R. PENROSE.

Figure 18, the entangled 8- or 12 fold raspberry multiverse.

The great misconception in Astronomy:

Herbig Haro Bowshocks and Cometary Globules, are not interpreted as Dark Matter Black Holes. See below: Bok- and Cometary Globules with young Herbig Haro Bowshocks in the making in the Carina nebula.

Splitting and pairing electric dark matter black holes. Magic self propelling in space and even on earth according to Quantum FFF theory.

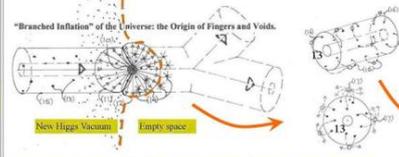


Several accelerating pairing and receding micro black holes, as the start of HH objects, in the Carina nebula, with temporary meeting place (A) and ionised plasma tail.(Quantum-FFF Theory)



Pairing Cometary Globules

The pairing and splitting of Electric Dark Matter Black Holes into dual Herbig Haro bowshocks, as the fast creation and proliferation of Stars and galaxies after the splitting bigbang.



The origin of the Lyman Alpha Forest (15) and Higgs Vacuum, by the splitting of the Big Bang Black Hole (BBBH) into smaller Splitter BHs (10). The splitter BHs (10) evaporate into smaller evaporating black holes at the Front (14) which compensate the pressure from the back-side splitter BHs (11). The BHs (11) are assumed to partly evaporate like BHs (14) also into a newly formed oscillating Higgs vacuum until the Higgs vacuum pressure steps the evaporation and leaves Galaxies Forming BHs (15) behind. However single BH will pair (16) with the nearest other BHs to form Doublets systems, which efficiently form Giant Stars and Galaxies (17) in between. (author: Leo 10/1)



Dual Stellar Anchor Black Holes

FLAT Pillars of Creation in 3D, support the Electric Dark Matter Black Hole pairing and splitting process into Herbig Haro systems, according to Quantum FFF Theory.

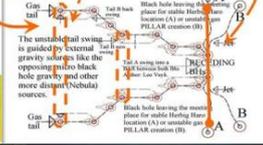


Figure 19, great misconceptions in astronomy and the solution with alternative electric dark matter black holes able to combine into Herbig haro objects with star (or failed star) formation in between.

The great Penrose High-Low Entropy misconception.

Big Bang and Big Crunch originated by the splitting pairing and recycling via merging of central galaxy S-nova black holes . According to Quantum FFF Theory..

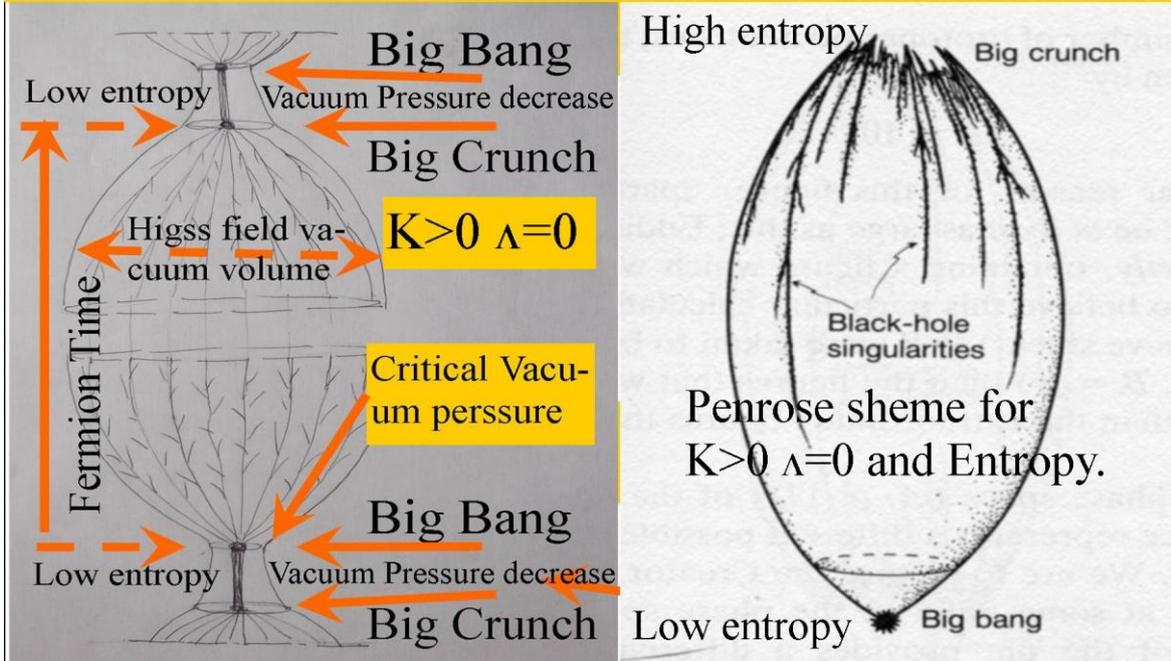
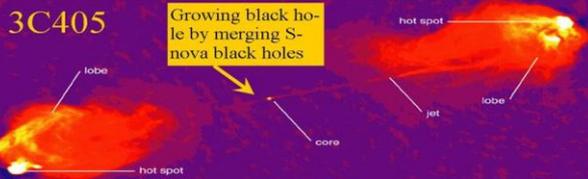


Figure: 20, The consequence: a bouncing CP(T) symmetric multiverse.

Binary Star Production in LMC N55 in a System of Evolved Herbig Haro Black Holes alike Quasar 3C405.

Quasars are early HH systems with plasma creation at the hotspots and a growing forerunner Big Crunch black hole at the center. According to Quantum FFF Theory, all Quasars are produced by the trillions of paired black holes spawn by the big bang and creating early Herbig Haro objects, with star and galaxies forming in between. According to Quantum FFF Theory.



The dual black holes (the hotspots) are supposed to produce all the plasma needed for star formation in the center. After stellar Super Nova black hole production, a growing central black hole is created by merging with other BHs being the forerunner of the Big Crunch.

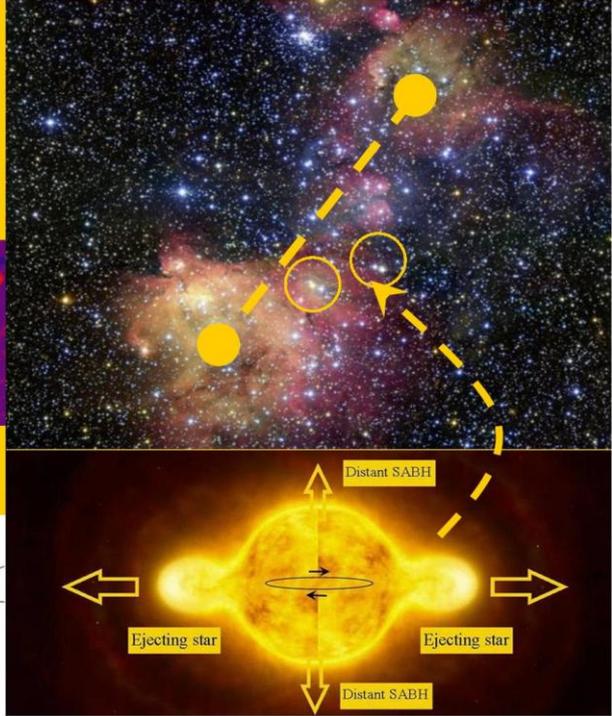
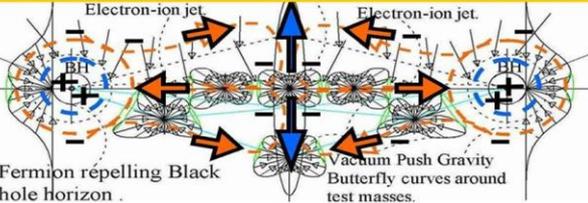
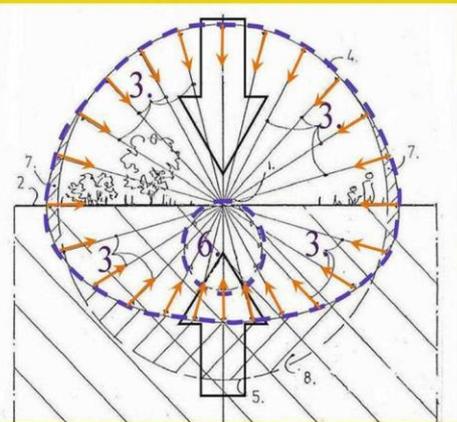


Figure: 21, Binary star production .

Equivalence between gravity and acceleration does not hold in Quantum FFF Theory. Mass in motion needs a reference frame of ZPE oscillating Higgs field and Lorentz polarization of conscious propeller Fermions (s) to keep a non accelerated flight.

Quantum Gravity as pressure distribution of the oscillating dual Higgs/Graviton vector field.

Polarized Fermion Mass in motion through the resistive, but also pushing oscillating Higgs vacuum (according to Quantum FFF theory)



Cross section through the dual Higgs/ Graviton 3D vector field pressure distribution (or globular Hedgehog) on a point mass (1) located on earth's surface (2), according to Quantum FFF theory. 3+4= Higgs vector field. 6= Graviton vector field originated by the Higgs-graviton field transformation of the earth itself. 7+8= differences with a perfect globular vector distribution. Field variables 3+6 are rendered as inversed arrows. (see also black hole pressure distribution without gravitons)

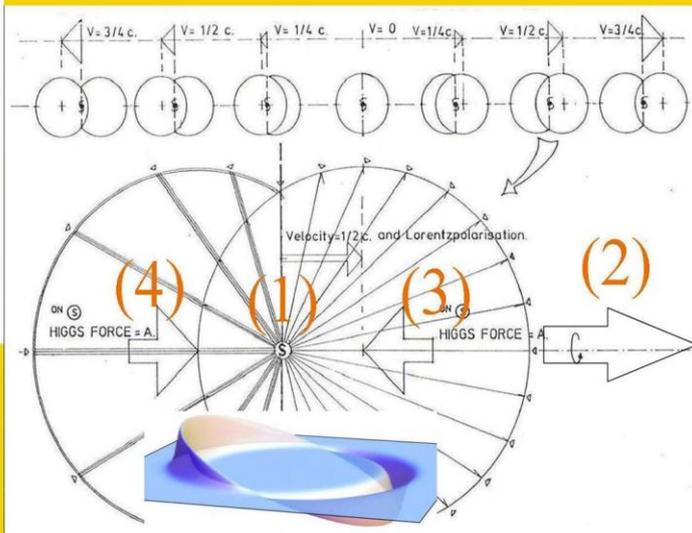
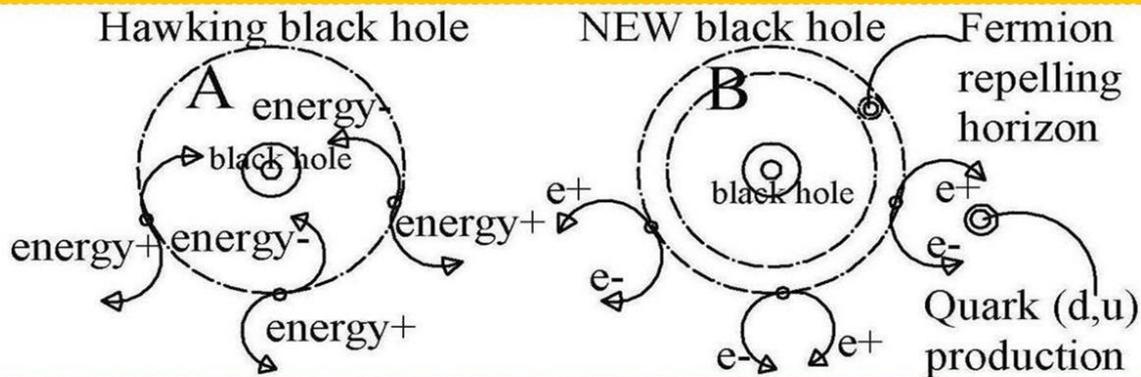


Figure: 22, equivalence between gravity and acceleration does not hold in Q-FFF theory.

Fermion/ Dust production and repulsion at small (Herbig Haro) black hole horizons during and after fractal inflation.



According to Quantum FFF Theory, there is no fermion information loss, only photonic information loss in a black hole. Quantum fluctuations around the BH horizon produce pairs of leptons. e^- , e^+ and even compound quarks (d,u, etc, see Fermion 3D string propeller theory: Fermion repelling by spin flip). For tripple BH horizons see image nrs 7, 10 and 11. Event horizon=7, Inner photon ring = 10, Outer photon ring = 11. Conclusion The Big Bang did not produce instantly all the Fermions in the universes. Even now lots of Fermions are produced by all BHs even the largest primordial Big bang splinters located outside large galaxies. see also: <<http://vixra.org/abs/1410.0039>

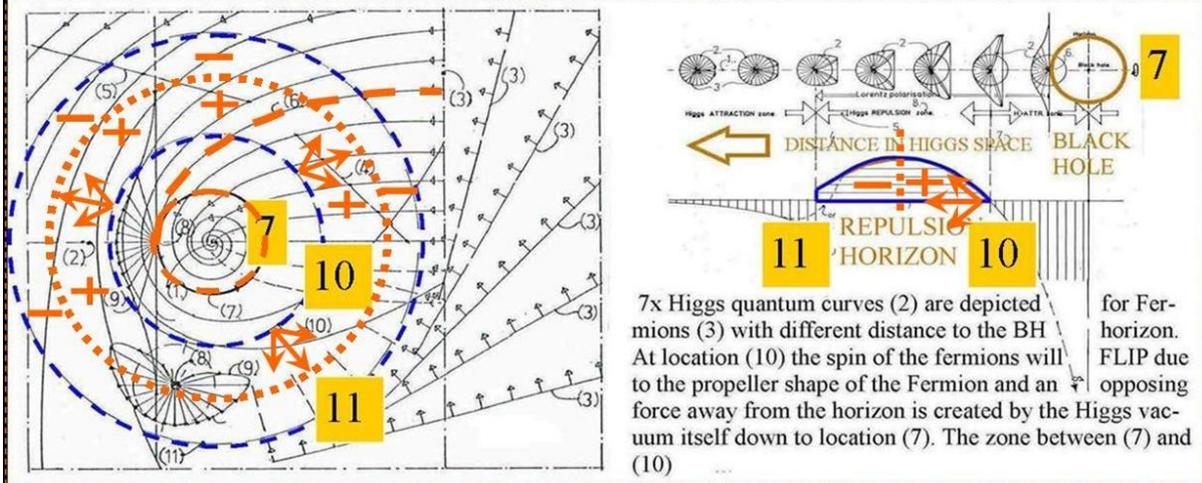
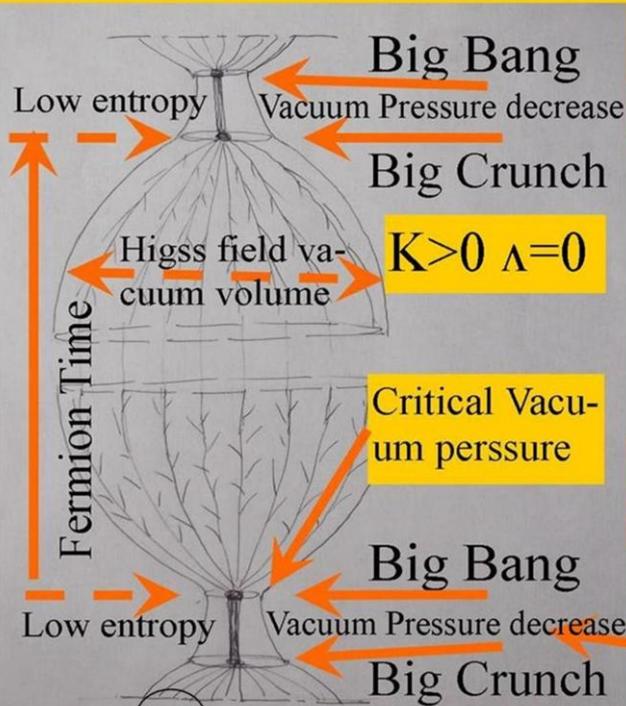


Figure: 23, the new electric dark matter Black Hole paradigm.

New Cyclic Multiverse with Bang and Crunch

The Big Bang and Big Crunch originated by Black Hole splitting, pairing and recycling into massive growing central galaxy black holes, according to Quantum FFF Theory.



Below: The pairing and splitting primordial black holes as creators of spiral galaxies, able to merge and form elliptical galaxies, (like M87) equipped with a central growing black hole.

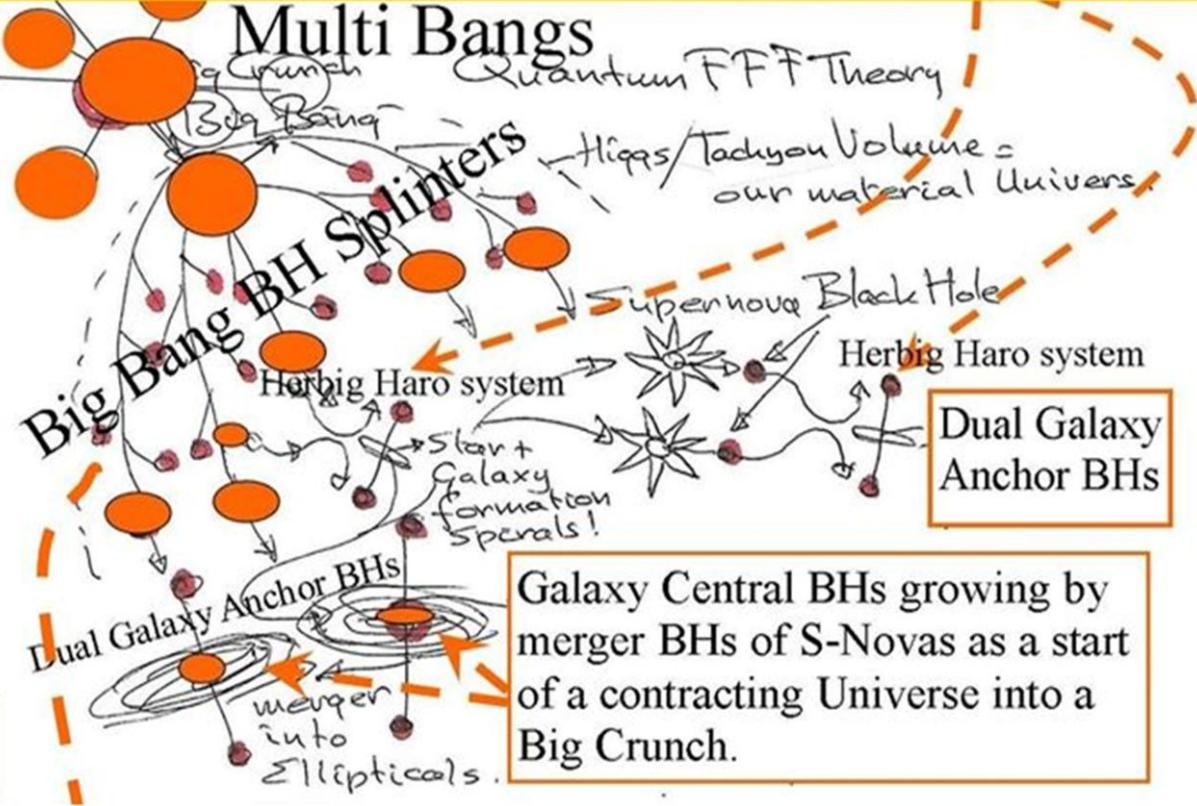
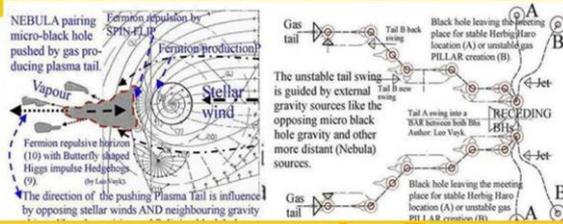
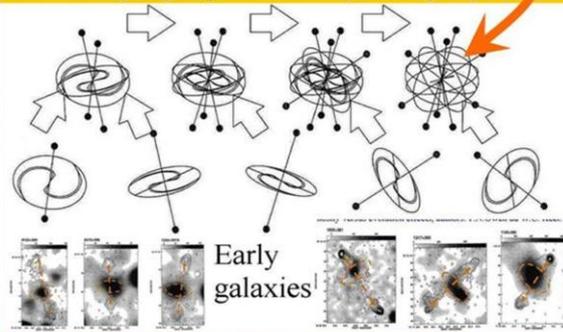
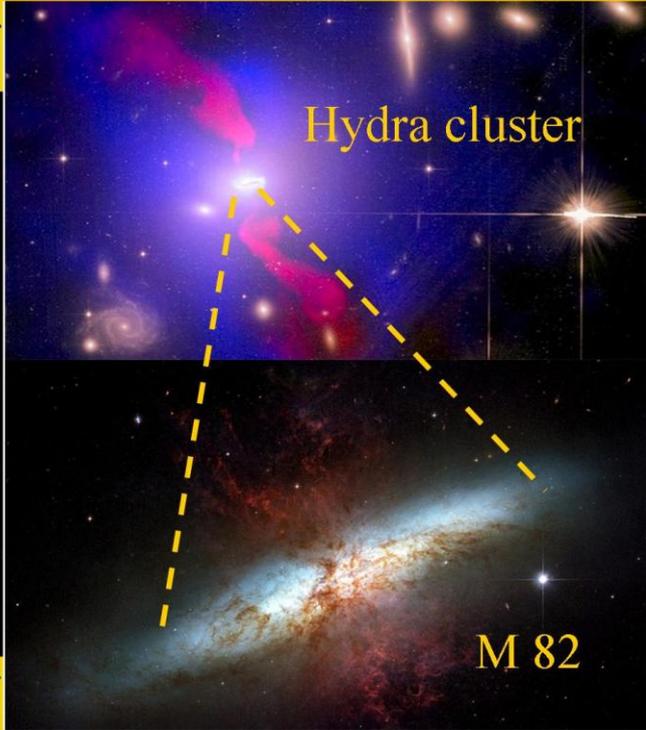
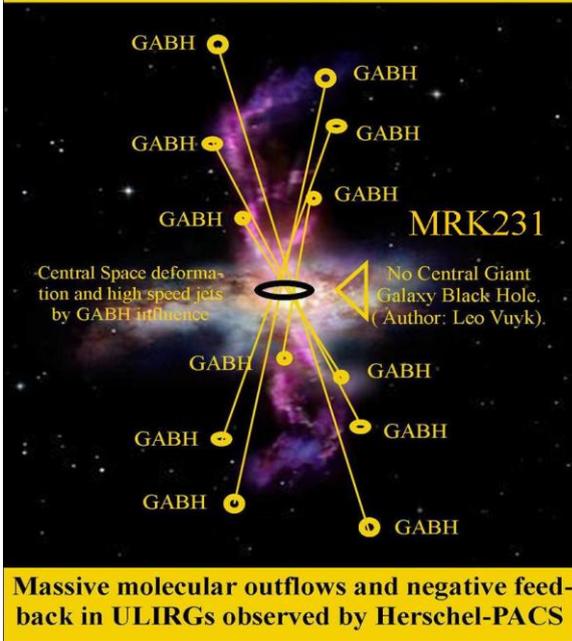


Figure: 24, The new Cyclic Multiverse with CP(T) symmetric universes.

High speed gas ejection (Hydra cluster, M82 and Mrk 231) as evidence for external Galaxy Anchor Black Holes (GABHs, according to Quantum FFF Theory).

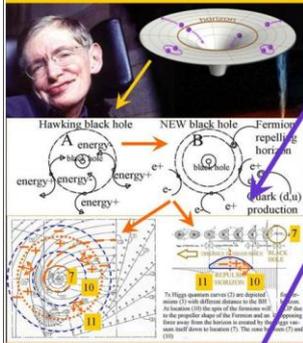
Galaxy Anchor Black Hole (GABH)-
Effect on High speed gas ejection.



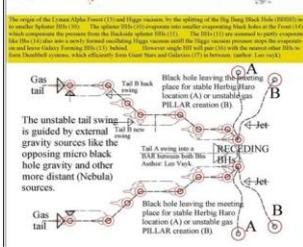
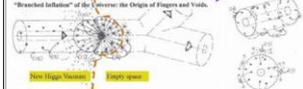
Massive molecular outflows and negative feedback in ULIRGs observed by Herschel-PACS

Figure: 25, Primordial Galaxy Anchor black holes.

The NEW Plasma Creating Electric Black Hole versus the Hawking Black Hole, according to Quantum FFF Theory, the origin of Comet - Sunspot - BL mystery.



How massive galaxy clusters are formed in the early Universe. According to Quantum FFF Theory, the Big Bang process is the result of a fractal shaped splitting and evaporating BH dark matter black hole process creating the Loman Alpha structure of galaxy distribution. By the evaporation of BH "splinters" (14) the resulting BH field vacuum is created by the so-called "branched inflation". Rotational Black hole splinters (13) do not evaporate by Higgs vacuum pressure, but create plasma "tails" blowing them away from the center of gravity in search for a partner to form a Herbig Haro system (16,17)

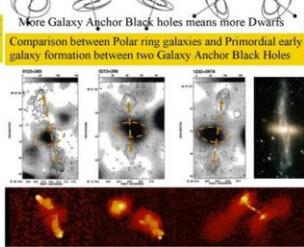
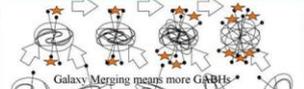


The new paradigm of star/ galaxy formation and dying.

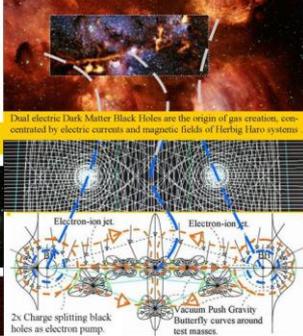
Based on the new paradigm of Fermion repelling and creating black holes.

Electric dark matter black holes seem to have the intelligence to pair by self propulsion with other BHs of comparable size to form Herbig Haro systems with star formation in between. (according to Quantum FFF Theory)

Dwarf Galaxy formation between Galaxy Anchor Black Holes (GABHs) as the Origin of stellar migration forming Polar Ring Galaxies. More GABHs means more Dwarfs means more sources for Stellar migration and bulge formation, according to Quantum FFF Theory.

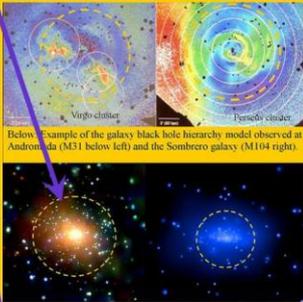


Herbig Haro and AUVen current circuits are responsible for magnetic fields inside Herbig Haro star forming systems according to Quantum FFF Theory. Here, the Helix (Paw) Nebula, made by Spitzer Space Telescope. The magnetic fields influence star formation on a variety of scales, from hundreds of light-years down to a fraction of a light-year. The large gas globules are supposed to harbor their own Electric Dark Matter Black Holes.



Giant galaxies die from the inside out: Star formation shuts down in the centers of elliptical galaxies first.

According to Quantum FFF Theory, Galaxy- and Cluster black hole hierarchy is the origin of dying galaxies where star formation in the center stops. X-ray point sources (Dark matter black holes) in Virgo and Perseus cluster centers present evidence for black hole hierarchy: the smallest BHs are located in the centers and are not any more able to create Supernova black holes large enough to form Herbig Haro systems with star formation in between. The result: Dying "red and dead" galaxies as the start of Universal contraction and collapse (Big Crunch) in a cyclic multiverse.



New class of 'dark' globular star clusters discovered around giant galaxy Centaurus A. Evidence for GABHs of Quantum-FFF Theory.

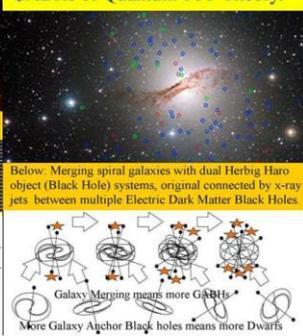


Figure: 26, star formation and dying according to Quantum-FFF Theory.

Quantum FFF Theory (Function Follows Form) is based on Non-Local Realism and Rigid String particles guided by dual copy-universal entanglement.



Quantum FFF Theory is based on Non-Local Realism and rigid stringy Axion-Higgs particles able to mutate into all other particles.

The CP(T)-symmetrical raspberry shaped multiverse (with 8-12 berries) is non local instant connected down to each quantum. Each quantum can be visualised as a deformed Axion-Higgs ring able to convert into other shapes and able to form compound structures like quarks, muons or even Tau leptons. So realism (cogwheels) connected by symmetric non-local instant entanglement.

The basic elements:

- 1: Black holes (BHs) are the same as Dark Matter, they all consume photons, even gravitons and the Higgs field, but REPEL Fermions due to their propeller shape polarisation away from the BH. They produce electric charged plasma.
- 2: Dark Energy is the oscillating (Casimir) energy of the massless (Axion)-Higgs Field equipped with a tetrahedron lattice structure with variable Planck length around black holes.
- 3: Quantum Gravity = Dual Push gravity= Attraction (Higgs-Casimir opposing Graviton push).
- 4: The Big Bang is a Splitting dark matter Big Bang Black Hole (BBBH), splitting into smaller Primordial Big Bang Spintars (PBBS) forming the Fractal Lyman Alpha forest and evaporating partly into a zero mass energetic oscillating Higgs particle based Higgs field.
- 5: Dual PBBS hotspots, produce central plasma concentration in electric Herbig Haro systems as a base for star formation in open star clusters as a start for Spiral Galaxies.
- 6: Spiral Galaxies will keep both Primordial Dark Matter Black Holes as Galaxy Anchor Black Holes (GABHs) at long distance.
- 7: After Galaxy Merging, these GABHs are the origin of Galaxy- and Magnetic field complexity and distant dwarf galaxies.
- 8: Black Holes produce Plasma direct out of the Higgs field because two rigid massless but mutable Higgs particles are convertible into symmetric electron and positron (or even dual quark-) propellers (by BH horizon fluctuations).
- 9: The chirality of the (spiralling) vacuum lattice is the origin our material universe. (propeller shaped positrons merge preferentially first with gluons to form (u) Quarks to form Hydrogen with electrons.
- 10: The first Supernovas produce medium sized Black Holes as the base for secondary Herbig Haro systems and open star clusters.
- 11: ALL Dark Matter Black Holes are supposed to be CHARGE SEPARATORS with internal positive charge and an external globular shell of negative charged Quark electron plasma.
- 12: The lightspeed is related to gravity fields like the earth with long extinction distances to adapt with the solar gravity field.
- 13: Quantum FFF Theory states that the raspberry shaped multiverse is symmetric and instant entangled by so called WORMHOLE BRIDGES (ER=EPR) down to the smallest quantum level between different raspberry berries=universes. Nonlocal entangled down to each quantum and even living or dying CATS in BOXES.
- 14 Large Primordial Big Bang Spintars (PBBS) are responsible for the creation of the Lyman Alpha forest structure and first spiral galaxy forming of the universe, but they seem to be also responsible for the implosion of the universe at the end in the form of Galaxy Anchor Black Holes (GABHs) located mainly outside galaxies. see: (Quasisoft Chandra sources)

15. As a consequence of 12-14, Time is always local time in combination with cyclic period time of the multiverse.

16. If our material universes has a chiral left handed oscillating Higgs field, then our material Right Handed DNA helix molecule could be explained. However it also suggests that in our opposing symmetric ANTI-MATERIAL entangled neighbor universe the DNA helix should have a Left handed spiral. According to Max Tegmark: in an entangled multiverse we may ask: is there COPY PERSON over there, who is reading the same lines as I do? If this COPY person is indeed living over there, then even our consciousness should be shared in a sort of entangled DEMOCRATIC form. Then we are not alone with our thoughts and doubts, see: Democratic Free Will in the instant Entangled Multiverse.

17. All particles and waves should be entangled with anti-copy particles and Higgs field based waves in our opposing anti universes. Then wave particle duality and the so called one particle double slit interference could be explained by accepting that real shaped 3D photon particles only exist in their function of Gluons. However Gluons should transfer form information to the oscillating luminiferous Higgs field ether, within about 1 cm distance from a fermion. (see: Babcock and Bergman anomaly, 1964)

18. Different elementary particles have different qualities by their different complex stringy shape. Leptons and Quarks have a propeller shape with left or right handed pitch creating charge difference. Gluons, Photons and Neutrino particles have no pitch.

20 All particles can be converted to one or more Higgs particles. Lepto Quarks are also compound particles with an exception for the electron and positron.

21 All particles are assumed to be present as Higgs particles already in the cyclic Big Bang Black Hole (BBBH) after the former multiverse has collapsed into a Big Crunch Black Hole.

22. We seem to live inside one material universal bubble of an instant entangled (Charge Parity Time) CPT symmetric raspberry bubble multiverse. Each quantum jump or wave function collapse or human choice is guided by this instant entanglement at long distant.

If our material universes has a chiral oscillating Higgs field, then our material Right Handed DNA helix molecule could be explained. However it also suggests that in our opposing ANTI-MATERIAL multiverse neighbour universe the DNA helix should have a LEFT HANDED spiral. According to Max Tegmark: in an entangled multiverse we may ask: is there COPY PERSON over there, who is reading the same lines as I do? If this COPY person is indeed living over there, then even our consciousness should be shared in a sort of DEMOCRATIC form. Then we are not alone with our thoughts and doubts, see: Democratic Free Will in the instant Entangled Multiverse. Conclusion, Quantum FFF Theory is based on Non-Local Realism. The CPT-symmetrical raspberry shaped multiverse (with 8-12 berries) is non local instant connected down to each quantum. Each quantum can be visualised as a deformed Higgs ring able to convert into other shapes and able to form compound structures like quarks, muons or even Tau leptons. So realism (cogwheels) connected by symmetric non-local instant entanglement. vixra.org/pdf/1401.0071v2.pdf

Figure: 27, Quantum FFF Theory in short.

Charge differences of 1/3 and 2/3 between d and u quarks should be originated by the chirality differences with the vacuum.

Left, the D and U Quarks of a neutron are depicted. Below the chiral oscillating Higgs field vacuum, according to Quantum FFF Theory.

D quark = 1/3

U quark = 2/3

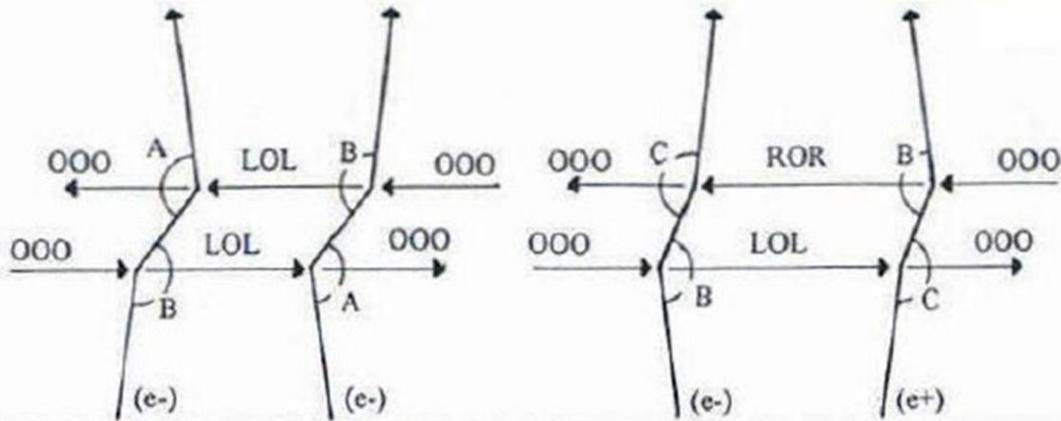
D quark = 1/3

Simplified tetrahedral vacuum lattice structure (left), constructed by complex chiral tetrahedral building blocks (right). Each universe has to choose between a left- or righthanded rotation of its tetrahedral building blocks. Each chiral lattice has the Planck length and is supposed to be equipped with at least two oscillating massless new Higgs particles.

Figure: 28, DDU Neutron- Quark configuration

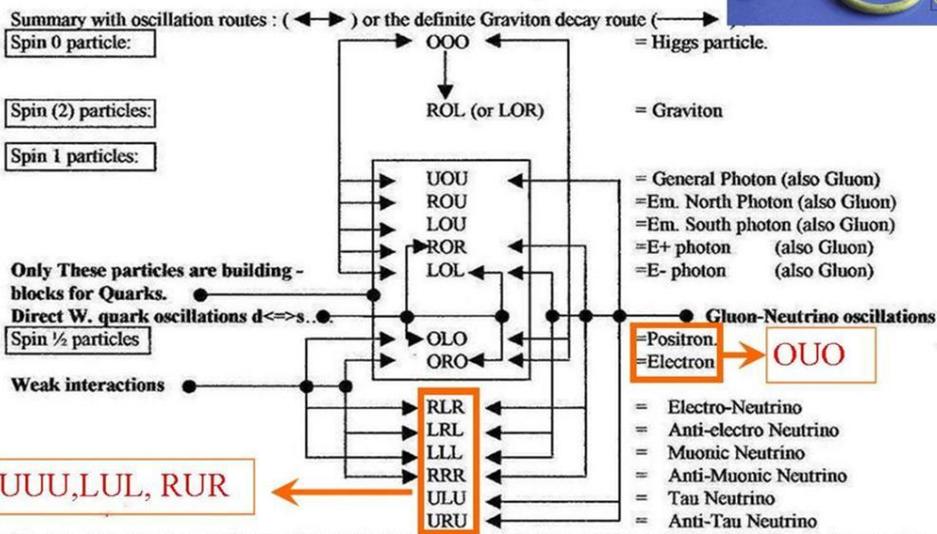
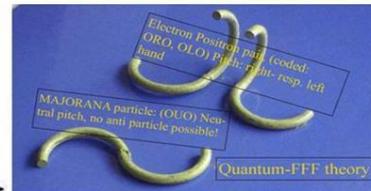
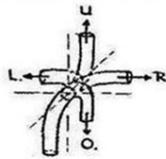
Feynman Diagrams for Dipole Repeller Forces

Attraction and Repulsion forces created by Dipole Repeller effects between the Higgs Field vacuum (OOO) and 5x opposing Photons. (UOU, ROU, LOU, ROR, LOL)
According to Quantum FFF Theory.



(Above) Alternative Feynman diagrams for electron-positron attraction and electron– electron repulsion by Dipole Repeller system.

Explanation of the codes:
 U= Up rotation (180 degrees)
 O= Unchanged circle.
 L= Left rotation (90 degrees)
 R= Right rotation (90 degrees)



Higgs particles are supposed to oscillate in Tandem along so called linear Vacuum Lattices, two by two in opposite directions, as the symmetrical opposite pistons of a boxer engine, as the origin of all energy, spin and mass effects. This enables the Tandem Higgs particles to change the form of their own Torus into an Electron and Positron pair at

Figure: 29, Feynman Diagrams for Dipole Repeller Forces.

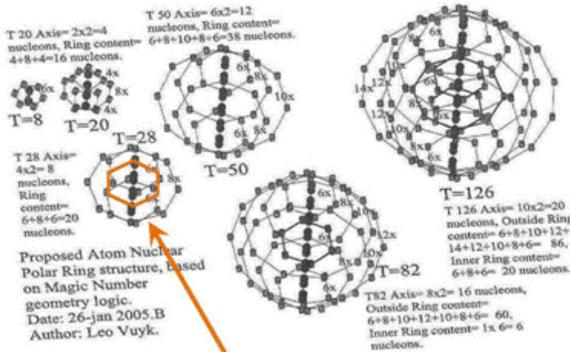
Attraction and Repulsion forces created by Dipole Repeller effects between the Higgs Field vacuum (OOO) and 5x opposing Photons. (UOU, ROU, LOU, ROR, LOL) According to Quantum FFF Theory.

Axial Ring Structure of Atomic Nuclei

Nuclear (Proton-Neutron) geometric distribution based on Magic Number data supported by LHC nuclear imaging

Left: (in red) the new magic number nucleus with 34 nucleons found by RIBF/Riken Japan (D.Steppenbeck)

Right: Gif made by PjotrJachimowics <https://www.youtube.com/watch?v=7NqeMGPZTeY>

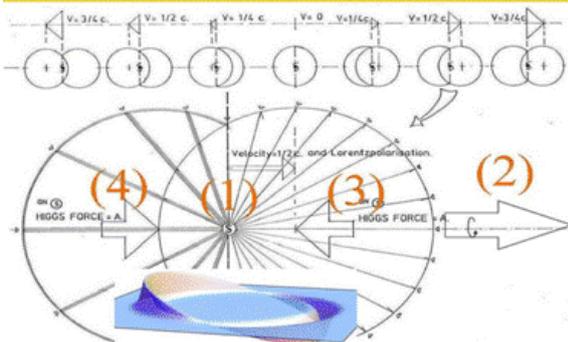


Additional equatorial positioned coaxial ring structure with 6x nucleons in the centre of the nucleus.
Result: $T=28 + 6$ nucleons becomes $T=34$. (oct.2013).
Future evidence for additional nucleon rings (+6+8 or 10) inside nuclei coded: $T=50-82$ or 126 seems to be possible.

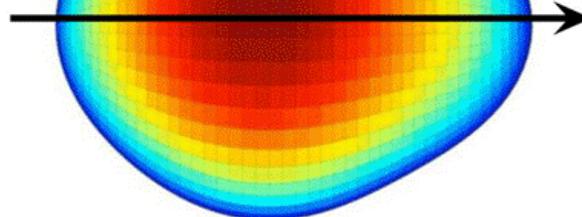
Polarized Fermions (Nuclear Quarks) as the origin of non accelerated motion through the resistive oscillating vacuum Higgs field.

Polarized Fermion Mass in motion through the resistive, but also pushing oscillating Higgs vacuum (according to Quantum FFF theory)

Nucleon polarisation based on Fermion (Quark) propeller polarisation



Direction of absolute Fermion (Quark) motion in the Higgs field reference frame, variable by gravity also called spacetime



Cross section through the 3D vector field pressure distribution on a Fermion point mass (1). Propeller shaped spinning Fermions are supposed to be Polarized into the direction of flight through the vacuum lattice (2). As a result, the resistive vacuum Higgs force (3) is compensated by the Higgs Pushing force (4) from the "backside" of the Fermion. However every Fermion need to have polarization memory consciousness. (by a multi universal entanglement system see: Quantum-FFF theory)

Polarized nucleons found by B. Bucher et al. (LHC Geneva) see: <https://arxiv.org/pdf/1602.01485v1.pdf>

Figure: 32, Polarized nucleons (nuclear quarks) are able to keep non accelerated motion through the resistive Axion-Higgs vacuum by extra push from behind.

References:

- [90] viXra:1708.0083 Dipole Repeller Gravity Effects at Different Universal Scales as the Origin of Large Scale and Local Quantum Gravity and Hubble Redshift.
- [88] viXra:1707.0224 The Magic of the New Electric Dark Matter Black Hole.
- [87] viXra:1707.0189 Black Hole Nuclei as a Bunch of Rigid Transformable Higgs Strings Splitting by Relative Small Companion Mergers or Decreased Vacuum Pressure.
- [86] viXra:1706.0490 The Origin of “Dead” Galaxies.
- [85] viXra:1706.0420 Mass in Motion According to Quantum FFF Theory.
- [84] viXra:1706.0413 Magnetic Monopole Test to Demonstrate the Existence of a Anti Maxwell Dead Zone Around a Current in a Wire.
- [83] viXra:1705.0153 A Different Black Hole Horizon Interpretation Leading to Entropy Reduction and Violation of the Second Law.
- [82] viXra:1705.0026 The Magic of Life- and Matter Creating Self Propelled Electric Dark Matter Black Holes Guided by a Holographic Entangled Symmetric Multiverse System.
- [81] viXra:1704.0272 Interference Black Holes, Ball Lightning, Micro Comets, Sprite Fireballs and Sunspots According to Quantum FFF Theory.
- [80] viXra:1704.0150 The Origin of Life and the Need for a Rigid String Propeller Fermion Model Combined with a Chiral Vacuum Lattice and Micro Interference Black Holes
- [79] viXra:1704.0133 2. Signals for Retarded Single Big Bang Black Hole Nucleus Splitting and Pairing into Dual Black Hole Herbig Haro Systems
- [78] viXra:1704.0047 Bohmian Double Slit Interpretation by Dual Entangled Universes, and the Benjamin Libet Experiment.
- [77] viXra:1704.0003 A Testable CP Symmetric Multiverse Model by Extended Experiments, Done by the Late Benjamin Libet in 1964.
- [76] viXra:1702.0109 CP Symmetry Between Material and Anti Material Copy Universes Combined with Local- and Multi-Universal Cycle Time.
- [75] viXra:1702.0040 The Alternative Origin of Hubble Redshift : Vacuum Absorption by black holes as a Support for Quantum Dipole Repeller Gravity and a Contracting Universe.
- [74] viXra:1701.0633 Local and Multi-Universal Cycle Time According to Quantum FFF Theory. (FFF= Function Follows Form)

- [73] viXra:1612.0365 John S. Bell Was Right: “How to Teach Special Relativity” and Atomic Pear Shaped Contraction.
- [72] viXra:1612.0026 Democratic Free Will and Telepathy in the Instant Entangled [71] viXra:1611.0226 Galaxy Cluster Merging and Vacuum Absorption by black holes as a Support for Quantum Dipole Repeller Gravity and a Contracting Universe.
- [70] viXra:1611.0101 Observed Dual Higgs Mass 124-126 GeV and the Chirality of the Vacuum Lattice. [69] viXra:1611.0031 Rigid String Cosmology with a Massless
- [69] viXra:1611.0031 Rigid String Cosmology with a Massless Axion-Higgs Oscillating Photon Vacuum Lattice and Massive Quantum Knots.
- [68] viXra:1611.0005 Electric Dark Matter Black Holes in the Moon (Orientale Basin)
- [67] viXra:1609.0407 New Physics Elements in the Quantum Function Follows Form Model.
- [66] viXra:1608.0329 God Seems to Play Dice with Dual Entangled Pinball Machines in a Supersymmetric (Susy) Multiverse
- [65] viXra:1607.0376 Axion-Higgs 3-Dimensional Rigid Transformable Strings and the Compound 650 GeV Z-Z Decay into Quarks/Leptoquarks.
- [64] viXra:1605.0257 Reaction Less Drive by Anti Maxwell Dead Zone Around a Wire.
- [63] viXra:1604.0372 Herbig Haro Hotspots or Bowshocks Are the Origin of Star Formation, not the Result as the Mainstream Suggest.
- [62] viXra:1604.0229 $E=epr$ in the Supersymmetric Cyclic Multiverse and in the Lab Without Strange Cats.
- [61] viXra:1603.0253 Reaction Less Drive by Anti Maxwell Dropping Zone Around a Wire.
- [60] viXra:1603.0240 Reaction Less Space Propulsion by the Magnetic Monopole Quantum Field Creation of an Anti Maxwellian Dropping Zone Around an Energized Electric Wire.
- [59] viXra:1505.0101 The Origin of Bok Globules and Molecular Clouds, Splitting and Pairing Electric Dark Matter Black Holes.
- [58] viXra:1503.0186 Primordial Dark Matter Black Holes Outside Galaxies Responsible for the Creation and Contraction of a Cyclic Universe? 22
- [57] viXra:1503.0097 Quantum FFF Theory, Poster News 4.2
- [56] viXra:1502.0086 Parity and Chirality as a Base for Quark-Gluon Plasma and Dust Creating Black Holes and the Beginning and End of Time..
- [55] viXra:1411.0039 Quantum FFF Theory, Poster News 2
- [54] viXra:1410.0039 Evidence for Dark Matter Black Hole Based Plasma, Dust and Ice Production Inside Comets Like 67P,C-G. and the Growing Earth.
- [53] viXra:1409.0164 The O’Connell Effect in Eclipsing Binaries Explained by Mass Related Light Speed Extinction Distances (Lasof) of Stars and Even Planets.
- [52] viXra:1407.0001 Evidence for Evaporating Dark Matter Particles in Silicon Fireballs.
- [51] viXra:1406.0076 Galaxy Formation and Evolution According to Quantum FFF Theory.
- [50] viXra:1406.0019 Quantum FFF Theory Proposals for Some Unsolved Physics Problems.
- [49] viXra:1405.0224 Dual Star Ejection in Open Star Clusters by the Central Star.
- [48] viXra:1404.0151 Future Free Energy of New Physics Ball Lightning Black Holes, the Origin of a Super Social Society or the Opposite?
- [47] viXra:1404.0002 Proposal for the Origin of Unexpected Large B-Modes Found in the Bicep2 Measurements.
- [46] viXra:1402.0132 Reconciliation of GR and QM by a New Gravity-Black Hole and Lightspeed Model Called Quantum- FFF Theory.
- [45] viXra:1402.0044 The Impossible Zero Point Electric Black Hole as the Origin of New Physics even for Comets like 67P,C-G.
- [44] viXra:1401.0115 Calabi Yau Shaped Double Fermion Spin States.
- [43] viXra:1401.0071 Democratic Free Will in the Instant Entangled Multiverse.

[42] viXra:1312.0143 The Navel Cord Multiverse with Raspberry Shape, a Super Symmetric Entangled 12 Fold Bubble Universe.

[41] viXra:1312.0076 Are Sunspots Made of Gravitating Dark Matter Black Holes?

[40] viXra:1310.0101 The New Nuclear Magic Number (34) Explained by the Polar Coaxial Ring System of Quantum FFF Theory.

[39] viXra:1310.0059 The Semi Relativistic Higgs Field Aether with Mass Related Lightspeed Adaptation.

[38] viXra:1309.0081 New Physics by Table Top Experiments.

[37] viXra:1308.0083 23 The Raspberry Shaped Super Symmetric Multiverse

[36] viXra:1307.0068 Quantum Function Follows Form Theory, the Small Scale, Posters part 1.

[35] viXra:1307.0067 Quantum Function Follows Form Theory, the Large Scale, Posters part 2.

[34] viXra:1306.0218) Dark Matter UFO Dust Particles or Quantum Knots in the LHC at CERN ?

33, viXra:1306.0065 The Splitting Dark Matter- Black Hole- Big Bang and the Cyclic Multiverse.

32, viXra:1305.0140 Quantum FFF Theory Experiments, a Summary.

31, viXra:1305.0041 The Shnoll Effect Explained by Quantum FFF Theory.

30, viXra:1304.0022 The Self Organizing Universe in the Carina Nebula.

29, viXra:1303.0211 Hubble Redshift Combined with Universal Contraction is Possible.

28, viXra:1303.0053 Micro Birkeland Currents Between Two RF Generated Plasma Balls in the Laboratory.

27, viXra:1302.0172 Silicon Based Ball Lightning Globule Structures and Signs for Accumulation and Retarded Decrease of Tunnelling Energy Bullets.

26, viXra:1301.0088 Two or Three Large Quasar Groups (LQGs) Located at the Start of Two or Three Lyman Alpha Systems and a Part of the Raspberry Multiverse?

25, viXra:1301.0050 Dwarf Galaxies and Their Relation with Dark Matter Based Galaxy Anchor Black Holes (Gabhs).

24, viXra:1210.0177 Instant Broglie Bohm Pilot Waves, the Origin of All Entanglement Effects in the Lab and Wavefunction Collapses in Our Universe as Related to Our Opposing Anti-Copy Universe(s) According to Quantum FFF Theory.

23, viXra:1209.0092 New Dark Matter Black Holes and a New Dark Energy Higgs Field, Lead to a Bouncing CP Symmetrical Multiverse, and New Experiments.

22, viXra:1209.0061 Birkeland Currents, Sunspots, Comets and Ball Lightning Originated by New Paradigm Dark Matter Black Holes.

21, viXra:1209.0030 Majorana and Sterile Neutrino Solutions in the Quantum-FFF Model.

20, viXra:1208.0031 Clumpy Dark Matter Around Dwarf Galaxies a Support for an Alternative Black Hole Theory According to the Quantum Function Follows Form Model.

19, viXra:1202.0091 Earth Magnetic Monopole Array Field Interaction with Cyclotron – Synchrotron Electrons and Muon Conversion Used for Levitation Systems.

18, viXra:1201.0092 Earth Magnetic Monopole Array Field Interaction with Cyclotron Electrons used for Levitation Systems.

17, viXra:1112.0065 24 LHC Signals Between 121-130 Gev Interpreted with Quantum-FFF Theory

16, viXra:1111.0096 Reconciliation of QM and GR and the Need for a Pulsating Entangled CPT Symmetric Raspberry Shaped Multiverse.

15, viXra:1111.0061 Black Hole Horizon Curvature Dependent Balance Between Plasma Creation and e-e+ Annihilation in Quantum FFF Theory.

- 14, viXra:1108.0036 Artificial Ball Lightning Production and Exploitation Device for Zero Point Electric Energy Usage.
- 13, viXra:1108.0006 Mass in Motion in Quantum FFF Theory
- 12, viXra:1104.0083 Quantum FFF Theory in Posters.
- 11, viXra:1104.0044 Ball Lightning, Micro Comets, Sprite-Fireballs and X-Ray/gamma Flashes According to Quantum FFF Theory.
- 10, viXra:1104.0002 Stellar Anchor Black Holes as the Remnants of Former Herbig Haro Objects
- 9, viXra:1103.0097 ZPE Zero Point Energy Examples Around Black Holes.
- 8, viXra:1103.0068 Funktion Follows Form, at the Quantum Scale and Beyond.
- 7, viXra:1103.0024 Quantum Gravity and Electro Magnetic Forces in FFF Theory
- 6, viXra:1103.0015 Wavefunction Collapse and Human Choice-Making Inside an Entangled Mirror Symmetrical Multiverse.
- 5, viXra:1103.0011 An Alternative Black Hole, Provided with Entropy Decrease and Plasma Creation
- 4, viXra:1103.0002 3- Dimensional String Based Alternative Particles Model
- 3, viXra:1102.0056 Experiments to Determine the Mass Related Lightspeed Extinction Volume around massive objects.
- 2, viXra:1102.0054 Atomic Nuclear Geometry Based on Magic Number Logic.
- 1, viXra:1102.0052 Construction Principles for Chiral “atoms of Spacetime Geometry.

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