

What Is Wrong With Physics?

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Abstract,

What is wrong with Physics according to Quantum FFF Theory?

- 1: Gravity is a dual Pressure Force. (Dipole repeller)
- 2: The Vacuum has resistance for ALL motion.
- 3: Lorentz polarization of propeller shaped Rigid String Fermions is the compensation to keep the original motion in space.
- 4: Fermion Inertia is the transition process for Lorentz polarization.
- 5: Black Holes Repel ALL Fermions.
- 6: the lightspeed is variable by gravity influence of the vacuum frame.
- 7: The Raspberry Multiverse has 8 or 12 symmetric anti- copy universes, which is the origin of uncertainty, Human Consciousness and Lorentz polarization memory. (inertia)

How could we test this new physics?

According to Quantum FFF Theory, (Function Follows Form) the process of wave function collapse of two entangled particles into mirror symmetrical states, is the basic process for all created particles. As a consequence, we should live inside one part of a mirror Charge-Parity-symmetrical entangled copy MULTIVERSE with one central origin the big bang.

We will give it the name: Raspberry Multiverse.

Even human choice making should be subjected to this mirror symmetrical process.

Benjamin Libet described a choice experiment, which we could use to measure how many copy universes there should be.

At the smaller scale however, we observe also entanglement effects between particles.

Einstein called them “spooky action at a distance”, which he did not like and suggested a different explanation called “Hidden Variables”.

However I present here a support for the spooky faster than light entanglement explanation, based on an extended Stern Gerlach experiment, in line with J.S Bell’s arguments about a strange aspect of the original experiment.

That even the lightspeed constancy theory should be adapted, by a different Michelson Morley experiment seems to be a logic result of the Quantum FFF Model..

Introduction.

The Schrödinger’s cat thought experiment, is an example of how the problem of choice making at the quantum level, or wavefunction collapse in physics can be described.

According to the Copenhagen interpretation of Quantum mechanics: only by looking into the box, we seem to be able to influence the collapse of the wave function of the living cat.

Before that moment we have to accept that the cat is in two uncertain states alive and dead.

At the same time it is assumed that our conscious mind as observer, should be able to influence the wavefunction collapse as soon as the box is open.

The logic of this interpretation seems to be that we humans are the unique observers of a unique universe.

However, if we live inside one of the two (or even more) mirror symmetrical entangled Copy universes, then the problem is solved, because in that case there is no uncertainty any more about the cat at the quantum level or our own choice making.

Then, at the quantum level the choice is already made about the collapse of the wavefunction between the mirror symmetric quanta by the entanglement relation between each set of quanta, even if these quanta are separated at huge multiverse distances.

If in our material universe the cat stays alive, he also will live in the mirror anti-material universe, caused by the mirror symmetry of the entanglement relation. In this way those mirror universes will always stay each others mirror copies even at the quantum level.

In addition to this interpretation of the wave function collapse, we described the possibility that the Big Bang process should be interpreted as part of a continuous process of the cyclic raspberry shaped multiverse.

The Big Crunch black hole nucleus, filled with most of all the Higgs and other particles Ref. [1,-5,], making the universe what it was before, should be the start of a new evaporation and splitting process of matter creation and distribution in the form of the so called Lyman alpha Forest inside each egg shaped universe. (figure 2, -3).

Thus the splitting of the giant Big Crunch Black Hole is assumed to be an entangled mirror symmetrical process in the Raspberry Multiverse and the start of all matter creation.

TIME in the Multiverse, is assumed to run forward (right-handedness of clocks) because the universe seems to be a huge pinball machine. The energetic oscillating Higgs particles are in constant collision with real spinning Fermions.

Spinning Fermions (the pinball) are driven by the oscillating Higgs field (the electric pinball machine springs) which is also supposed to be the origin of the general increase of entropy base of the second law of thermodynamics.

However dark matter in the form of black holes will eat the dark energy of the Higgs field and decrease entropy again, reason to postulate a pulsating and cyclic universe.

Universal Symmetry is not broken if we accept that each material universe is entangled at a long distance with an anti-material copy universe, equipped with opposite chirality inside the oscillating Higgs lattice field. As a consequence Time never runs back in anti-material entangled universes, clocks have left-handed rotation over there. Ref.[2]

However, as a consequence, it is a shock to realise that I am not alone inside the Multiverse, there must be at least ONE entangled COPY of ME who also tries to make decisions and is influencing me.

Benjamin Libet's experiment on human decision making could help us understand this phenomenon. Libet measured electronic brain activity differences between Readiness Potential I and II, which he did not understand.

Future Libet-experiments focussed on the statistics of the differences between RPI and RPII will be indications of the number of entangled universes inside our Multiverse.(fig.5)

That even the lightspeed constancy theory should be adapted by an adapted Michelson Morley and other experiment seems to be a logic result of the Quantum FFF Model.(ref 8, fig 10).

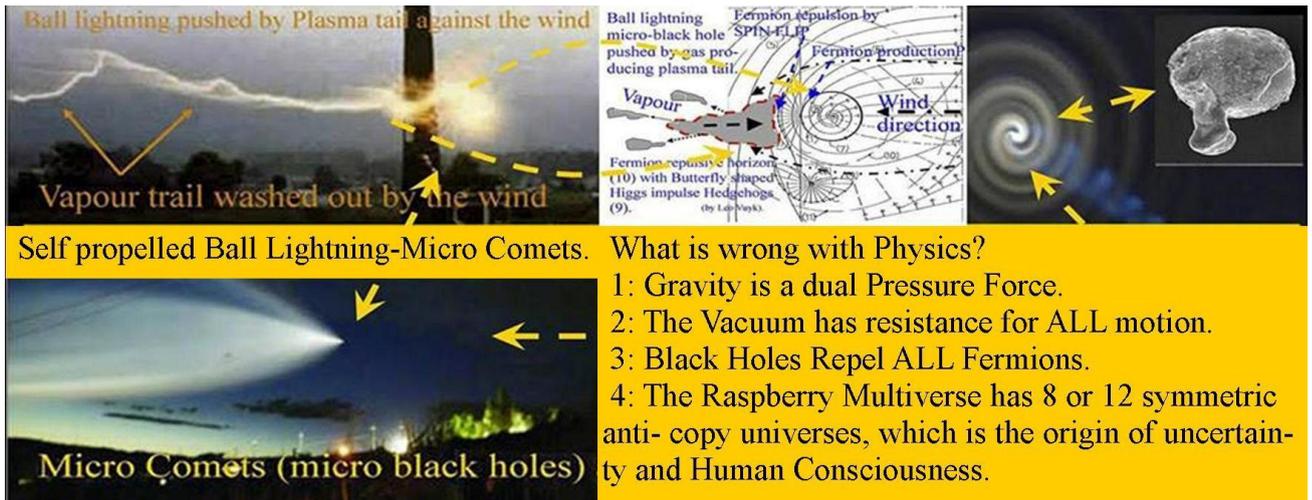


Figure 1, What is wrong with physics on earth and in space.

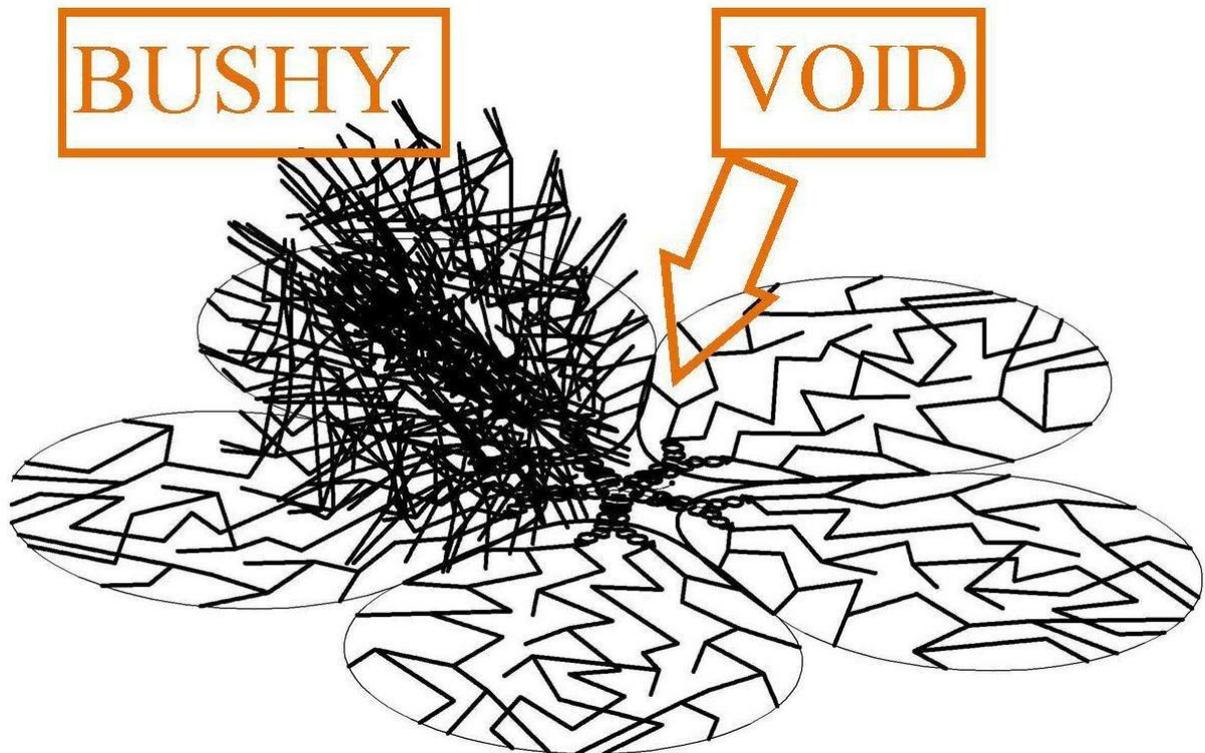


Figure 2, Cross section through a raspberry multiverse with indication for the Lyman Alpha forest inside one egg shaped universe.

The Big crunch black hole splitting and pairing process is assumed to be the origin of a BUSHY structure of the matter distribution in our visible universe, which is known as the so called Lyman Alpha forest.

The raspberry multiverse.

The CPT symmetric raspberry universe seems to be the result of Fractal shaped evaporation, of the content of a cyclic central big crunch black hole, into egg shaped bubbles with individual Cosmic Microwave Background. (CPT= Charge Parity and Time)

3-D suggestion for the solution of the so called "MISSING GALAXY SHADOWS". All the Galaxy (clusters) located behind the WMAP CMB boundary (outside our own universe) do not create some kind of SHADOW on the 2.7 Kelvin cosmic background radiation.

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).

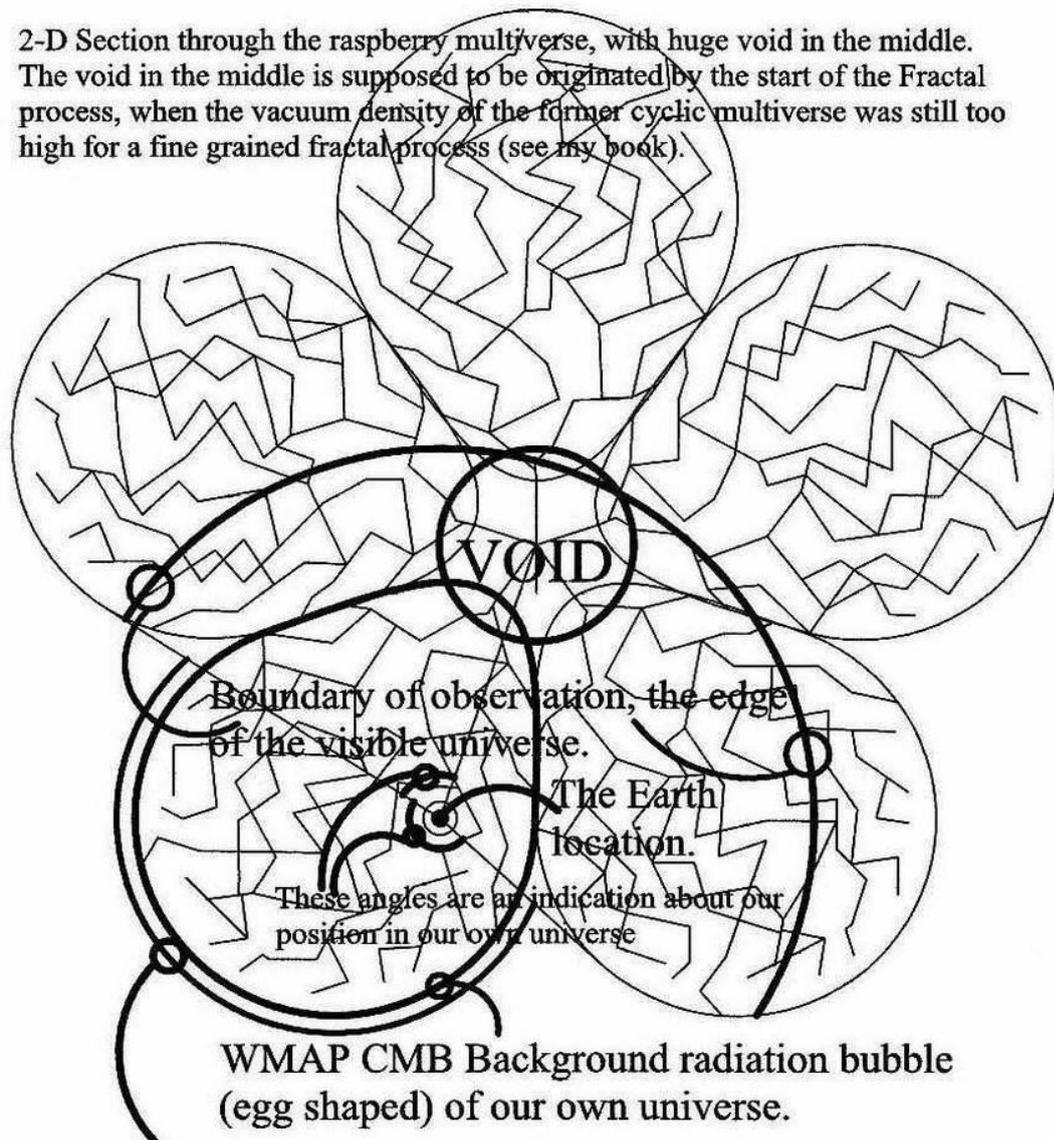


Figure 3, Cross section through a Raspberry Multiverse with 12 entangled universes in dodecahedron structure.

The absence of a Cosmic Background shadow in the WMAP is called the Sunyaev-Zel'dovich effect and found in a sample of 31 clusters. Ref.[7].

Future research should provide evidence that the distribution geometry of galaxy clusters without a CMB background shadow, is found in the inner part of our egg shaped universe, due to the presence of the external Multiverse galaxies.

In the external part of the hemisphere of our egg shaped universe, all galaxy clusters should show up with a clear CMB background shadow. The angles which could be measured between the inner and outer hemisphere will be an indication of the observer location inside our own universe.

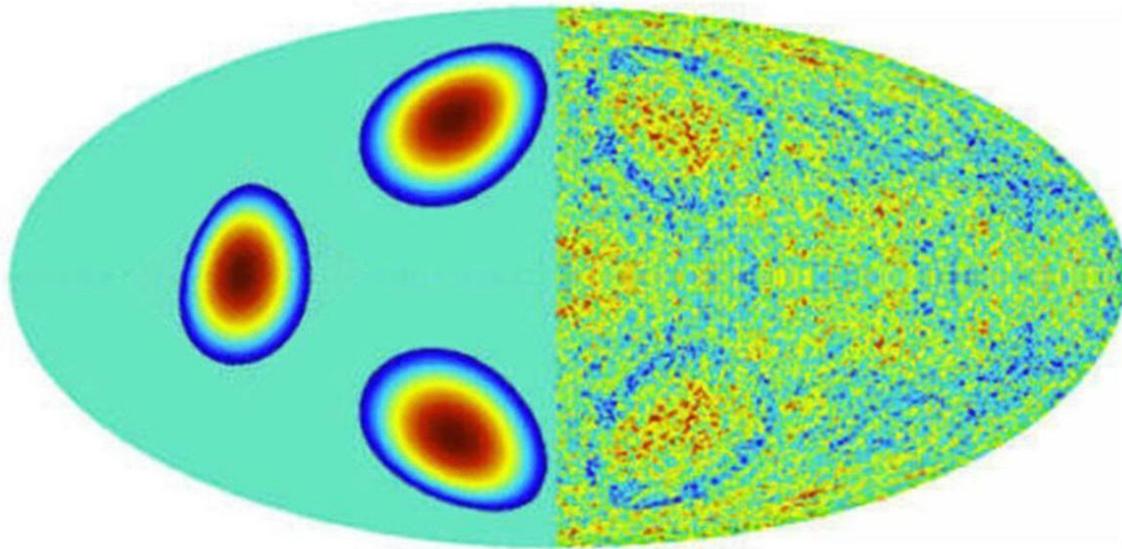


Figure 4, There are by now only four Low Variance circles found inside the WMAP sky. (according to R. Penrose) However there could be a fifth circle at equatorial position now hidden behind our own Galaxy. This would be a clear indication for a raspberry shaped Multiverse with 12 entangled universes in dodecahedral structure. 4x low variance circles however are pointing into the direction of a cube octahedron geometry of the multiverse bubbles. (fig 5 below)

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.

Our position in the 8x raspberry multiverse. Our position in the 12!!! x raspberry multiverse.

1: pre-virgin singularity.
 2: virgin singularity with (L) left or (R) right handed spin. (R and L are always opposite)
 3: contact areas of expanding Universes. (L and R handed Universes will annihilate each other)

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.

4 th. peak could be not visible due to M.W. screening !

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

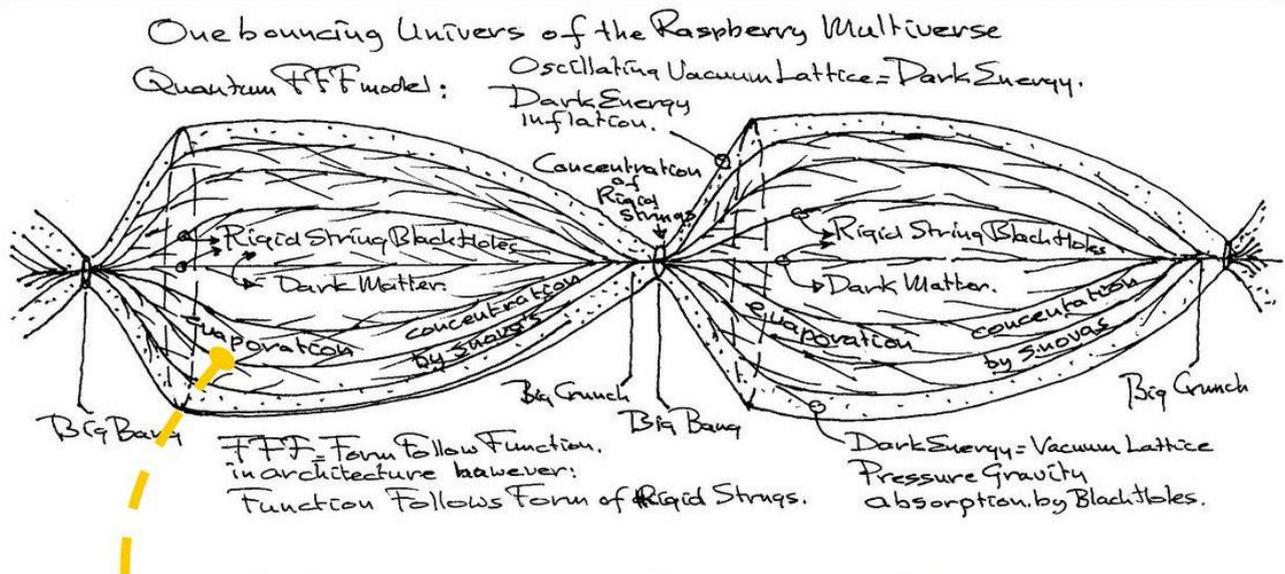
3 , 4 or 5x elliptic Contact areas in the CMB?

Grey: Our material Universe

Figure 5. The cube- and cube octahedron multiverse configuration, based on three or four fluctuation anomalies.

The Bouncing Multiverse 2

According to Quantum FFF Theory, we live inside one of a specific number of Charge Parity symmetric copy universes coming out of a huge (Axion/Higgs rigid string black hole nucleus = Dark Matter). All copy string particles are guided by long distance (holographic) multiverse entanglement and transformable by mutual collision into all Standard model particles and more. Such as monopole bosons or massless Axion/Higgs vacuum particles (Dark Energy), responsible for the Casimir effect and half of all other SM semi pressure forces.



Below: the usual BH dual pairing after the Big Bang splitting.

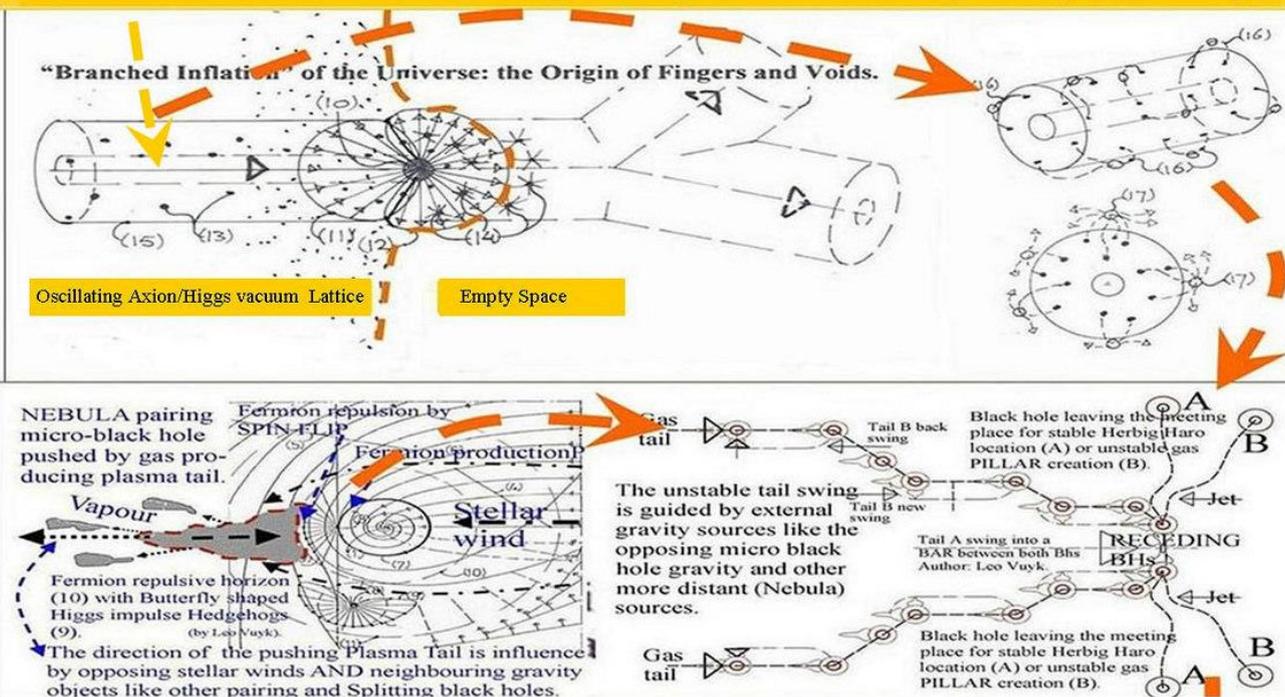
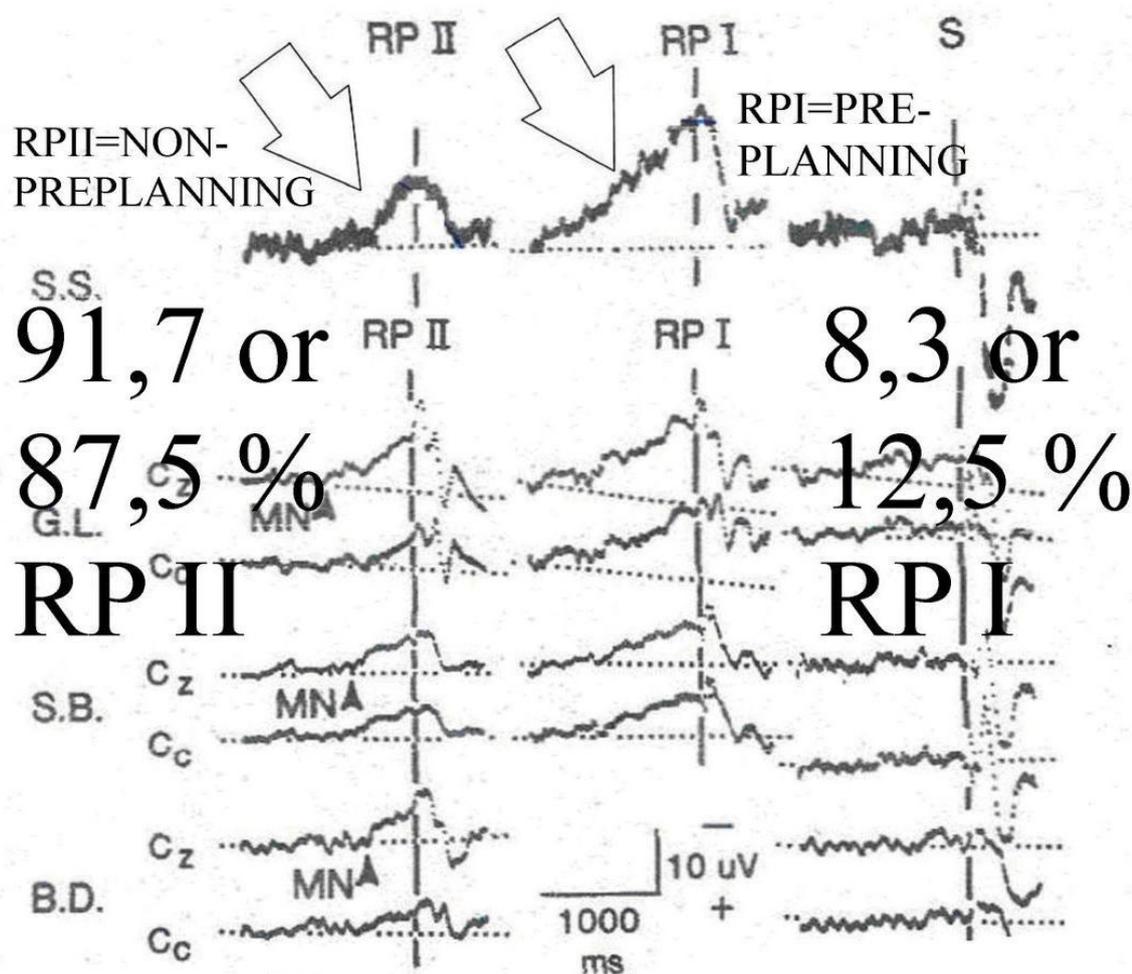


Figure 6, The bouncing multiverse poster.

If humans are cooperating decision makers inside the postulated 8 or 12 entangled but separated universes, then for every decision we need one preplanning test-person who pre-plans his choice. The other 7 or 11 test copy-persons are only able to follow **OR REJECT** this decision.

As a result we may be able to measure (in the future) the number of copy universes involved, by counting the average percentages of preplanning persons in test situation like the Libet test..

For 12 universes the RPI percentage will be $100/12=8,3\%$. For 8 universes RP I will be $12,5\%$. For RP II it will be $91,7$ respectively $87,5\%$.



—Electric Readiness Potential (RP) Test results made by B.Libet, listed for test persons (4x) and for the test person's ideas about preplanning before making the decision to press the bel.

RP I is without preplanning, RP II is with preplanning!.

Figure 7, The difference between RP I and RP II found by B. Libet, with over layer printed percentages for different numbers (8 or 12) of entangled universes to be found in future experiments. See [ref 9].

Entanglement between universes can be interpreted as a new vision on reality.
 I expect this is also the case for a new kind of entanglement between evaporated silver atoms in- and outside the oven.
 This would solve the Stern Gerlach mystery described by John S. Bell.

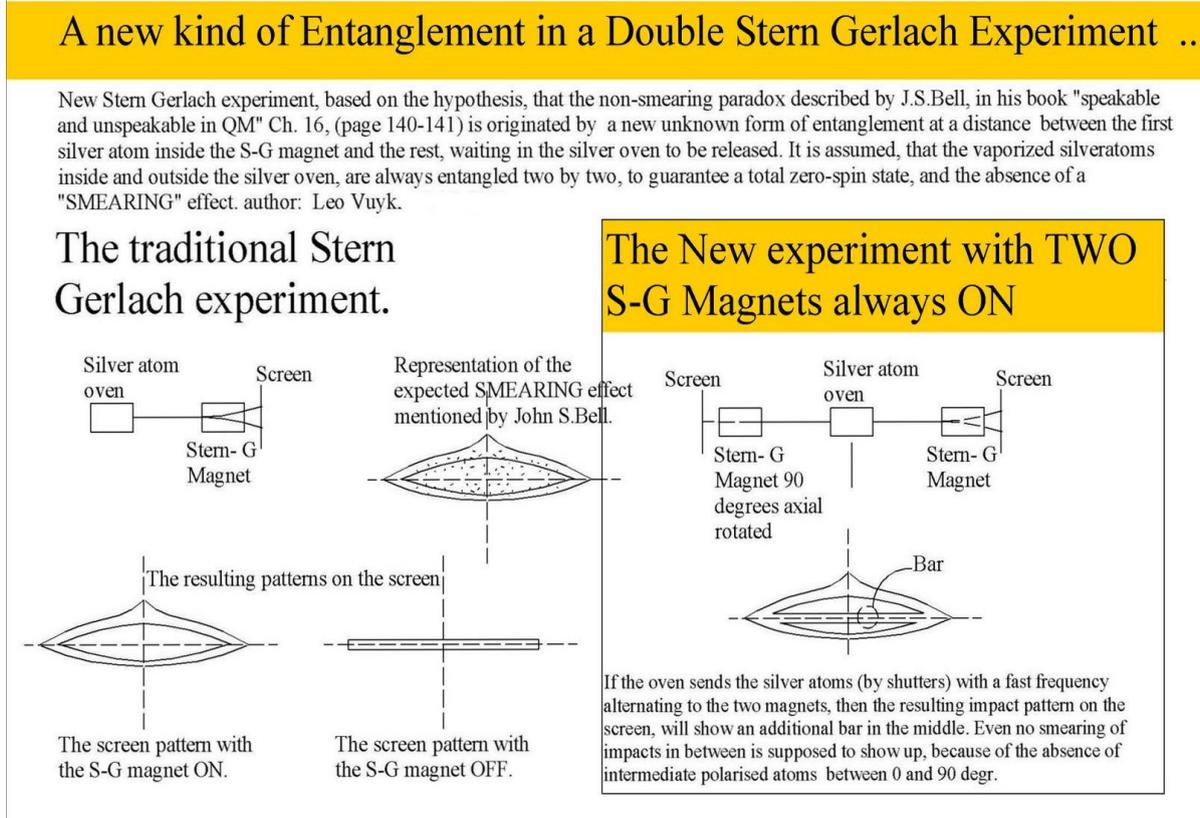


Figure 8, To solve the Q.M. problem described by J.S.Bell about the standard Stern Gerlach experiment. Experiment proposal to support the existence of a new kind of Entanglement, which should show up inside a double Stern Gerlach experiment with two S-G magnets with different orientation.

The proposal for this experiment, is based on the hypothesis that all heated and vaporized silver atoms inside the silver oven are entangled as a whole and that magnetic measurement of one atom travelling outside the oven influences the magnetic polarity of all the other atoms in the oven.

If the oven sends the silver atoms (by shutters) alternately to the two magnets, then the resulting impact pattern on both screens will show an additional BAR in the middle of the original impact pattern. (see figure 8)

This could be the explanation for the fact that only up and down orientated atoms should enter into the S-G magnet to explain the "non smearing" effect on the screen.

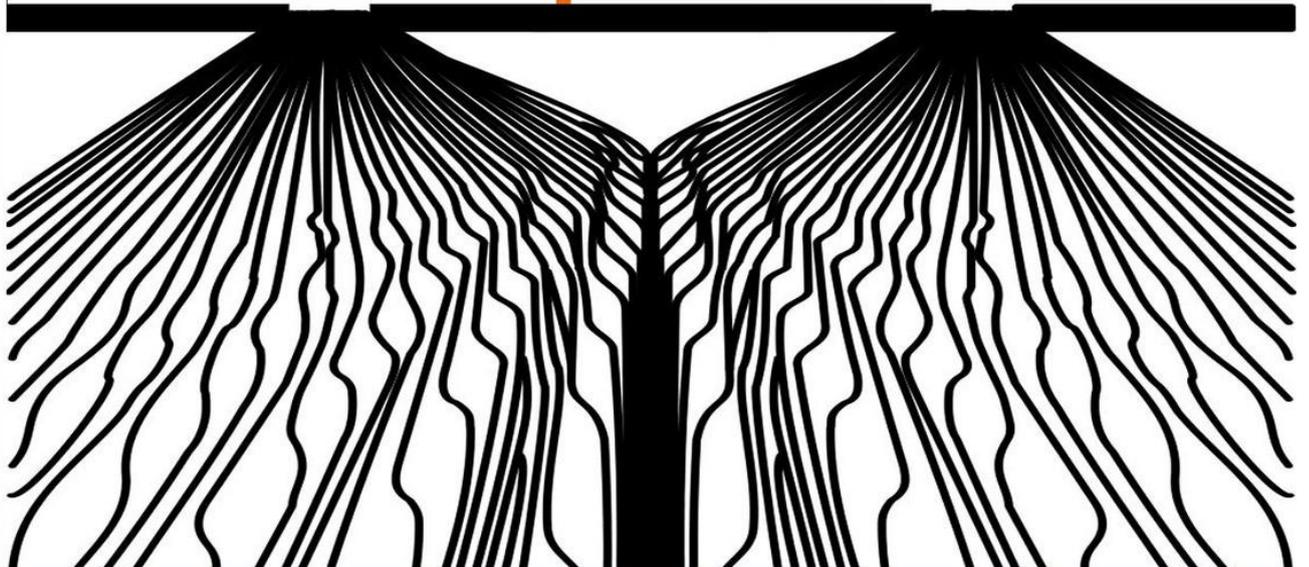
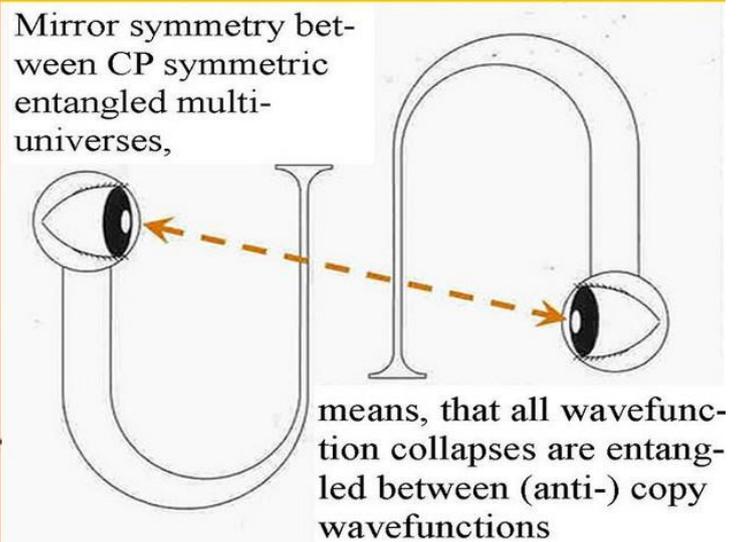
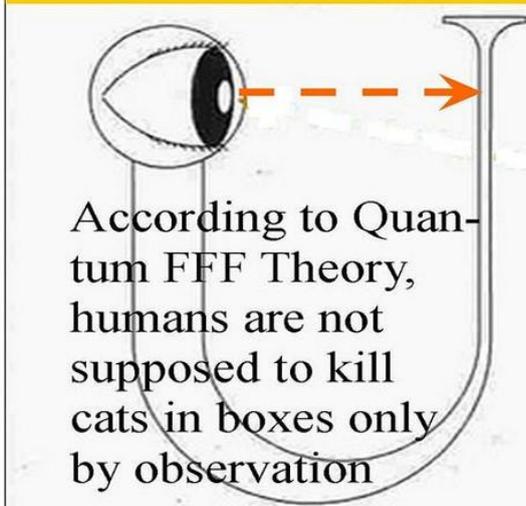
John S. Bell described his doubts about the Stern Gerlach experiment interpretation in his book: "Speakable and unspeakable in Quantum Mechanics on chapter 16 page 140-141. Ref, [6].

John Bell argued that there is no logic to be found behind the fact, that there is a so called "absence of smearing" of the particle impact pattern on the screen.

In dual entangled CP (Charge Parity) symmetric mirror universes all quanta have complementarity in the other universe. So even the left and right slit of the one photon double slit experiment.

One of the Copenhagen interpretations of human observation influencing wavefunction collapses. E.g. for human observation of dead or alive Cats in boxes.

The alternative Quantum Function Follows Form Model interpretation of (Charge Parity (CP) symmetric) instant entanglement based collapse between multiple universes. E.g. NO human influence on dead or alive cats in boxes.



Bohmian Mechanics suggested already such a non local reality.

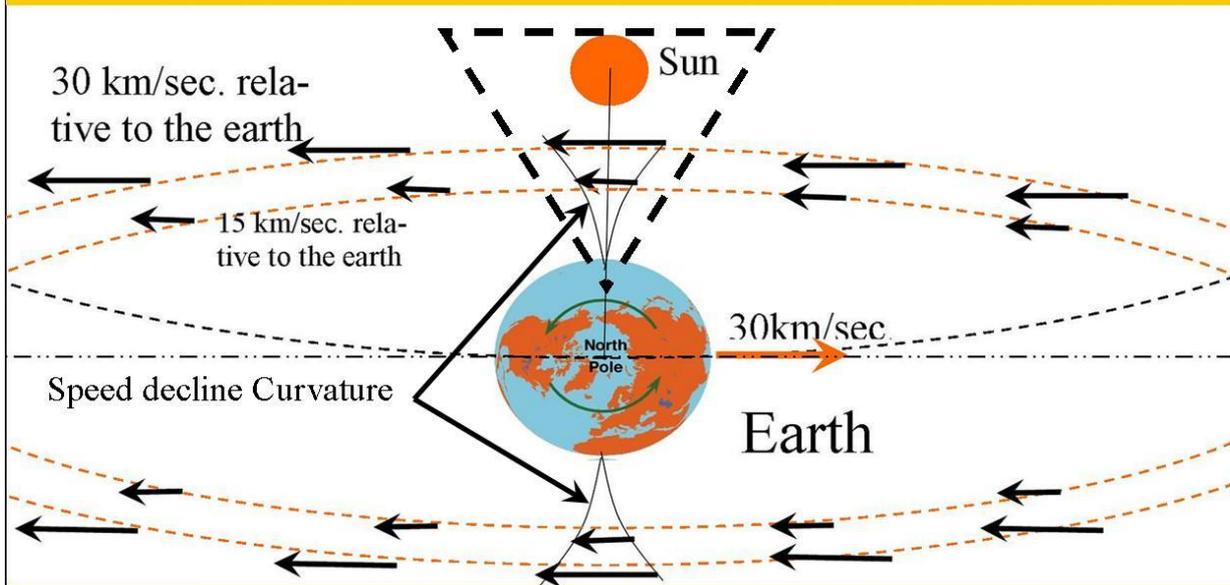
Figure 9. "I Think, Therefore I am", (Descartes) should be changed into: WE Think Therefore We are, able to Veto Multiverse ideas and Earn Free Will. according to Quantum FFF Theory.

Additional features:

Michelson and Morley revised by Dual satellite lightspeed mass dragging test.

Local variable lightspeed by gravity related LASOF.

According to Quantum FFF Theory, the earth gravity related LASOF (Local A Symmetric Oscillating vacuum Frame) is dragging the lightspeed inside an ellipsoidal shaped speed transition volume around the earth inside the solar reference LASOF, with full extinction effect at the edges.



Earth–Solar orbit speed is 30 km/sec to the right.

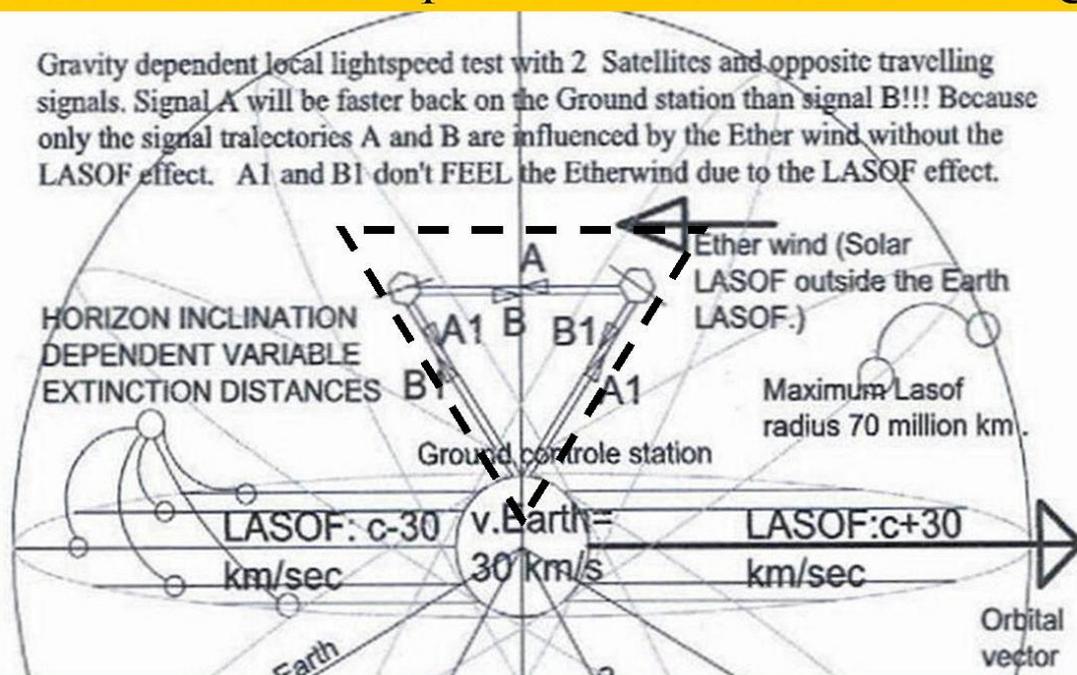


Figure 10. Michelson Morley experiment revised.

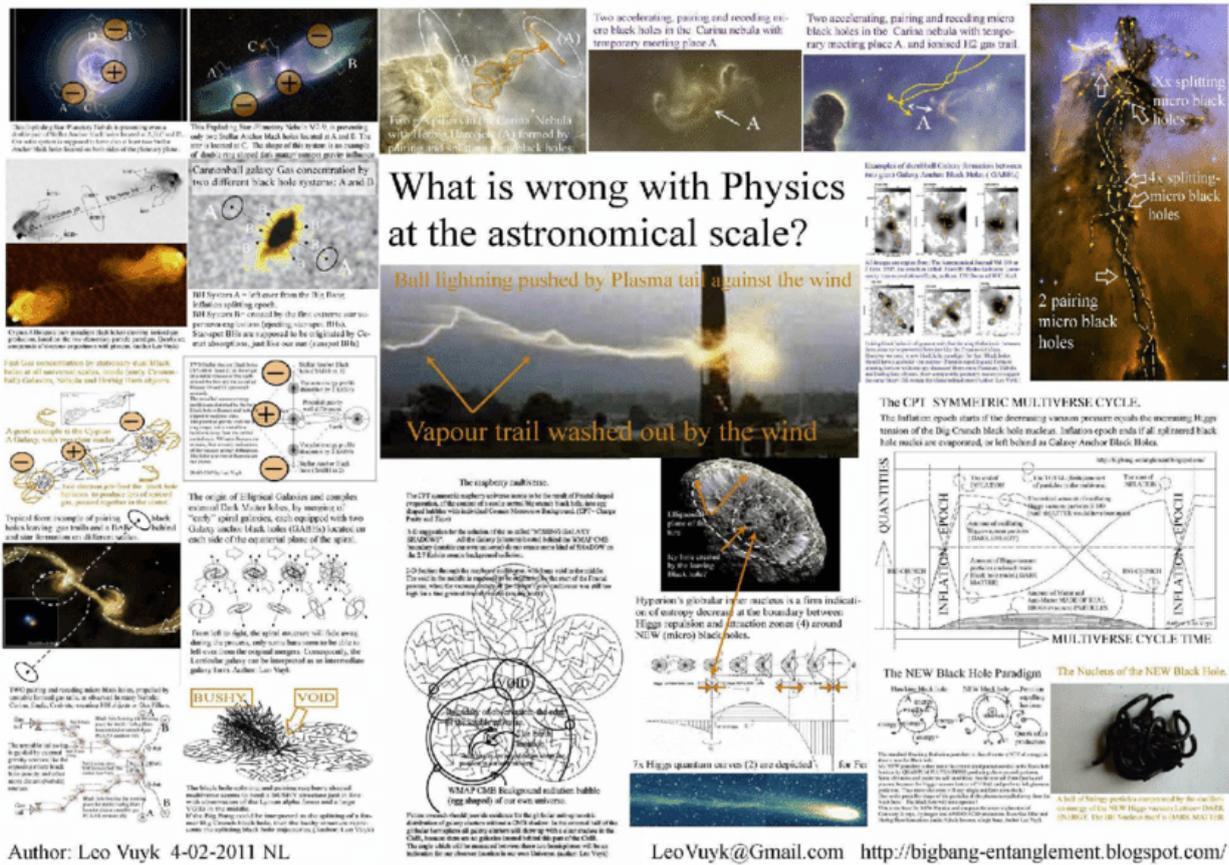


Figure 11.

Other interesting examples, proposals and experiments:

Evidence for a Fermion Repelling New Physics Black Hole inside Herbig Haro (HH34) Bowshock ! Outflow Velocity differences between the leading black hole and the secondary Fermion plasma hotspots are the indication, according to Q-FFF Theory.

The black hole (O) has the smallest relative velocity. Conclusion: Secondary Fermionic plasma hotspots are repelled ! As predicted!

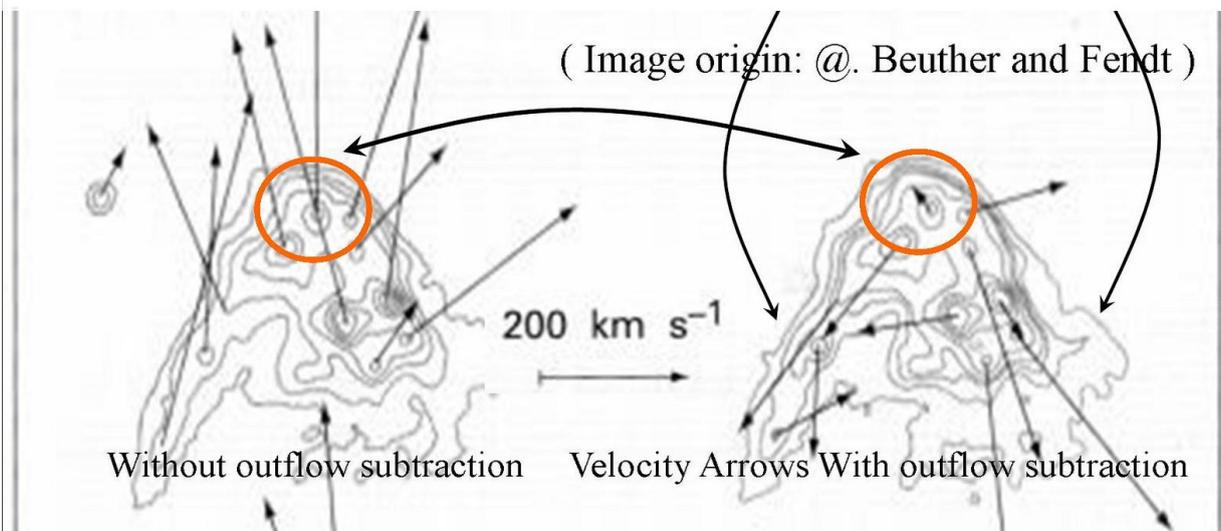
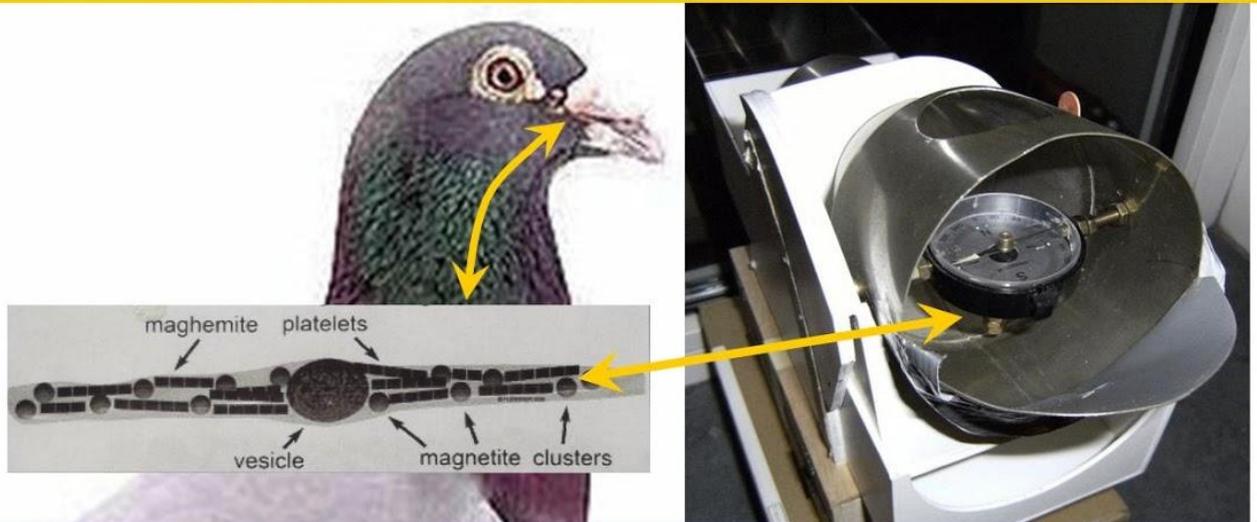


Figure 12,

Magneto monopole boundary shape telescope with magnetic fingerprint positioning.



Pigeons like other birds, Butterflies and Turtles seem to be able to navigate solely on the Earth magnetic field. According to **Quantum FFF theory**, magnetic fields are just like electric fields based on monopole photonic information vector fields.

There are photon vector fields for electric negative and positive charge and for magnetic North and South potential.

(See second image of vector fields around the earth)

The boundary telescope (depicted above) is able to determine a so called fingerprint in the form of the **half circle boundary shape** of the two magnetic vector fields (North and South) at each location on earth. (see below).

The specific curvature of the **half circle shaped boundary line (B)** is the fingerprint observed to be unique for each location on earth..

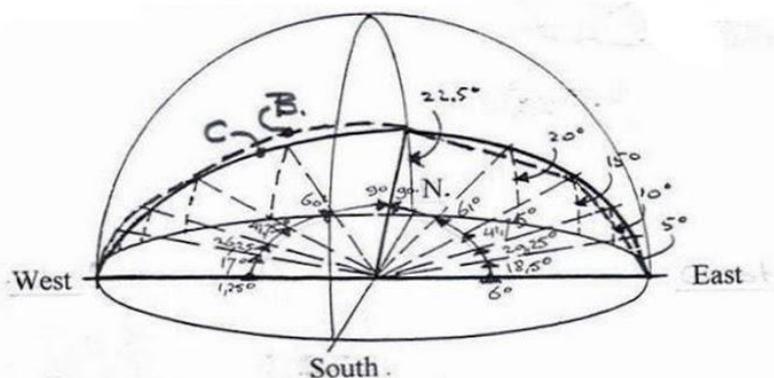


Figure 13,

How to measure the earth magnetic monopole vector field direction. According to Quantum FFF Theory.



A compass inside a mu-metal tube, was enough to get clear 3D results (left)

Measuring results of the mu-metal instrument (magnetic telescope) described on app. Page 5. Dated 4-4-1998, By: Leo Vuyk. Location: Weesp the Netherlands.

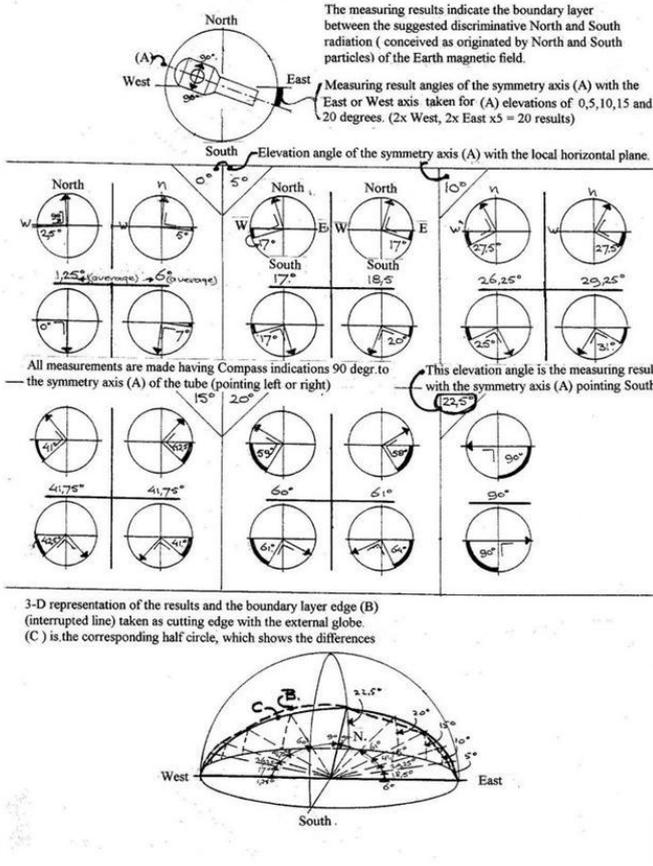
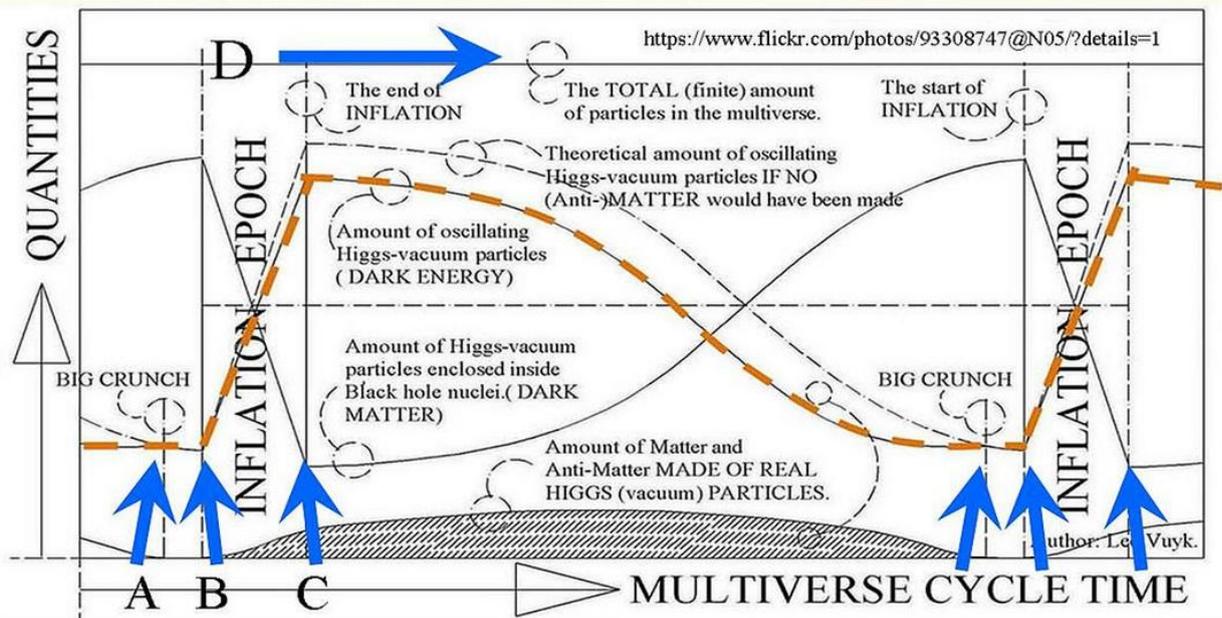


Figure 14,

The Bouncing Multiverse 3 -

According to Quantum FFF Theory, we live inside one of a specific number of Charge Parity symmetric entangled copy universes coming out of a huge (massless Axion/Higgs rigid string black hole nucleus = Dark Matter). All copy string particles are guided by long distance (holographic) multiverse entanglement and transformable by mutual collision into all SM particles and monopole bosons or massless oscillating Axion/Higgs vacuum particles (Dark Energy) , responsible for the Casimir effect and half of all other SM semi pressure forces.



One bouncing universe of the Raspberry Multiverse depicted.

Quantum FFF Theory

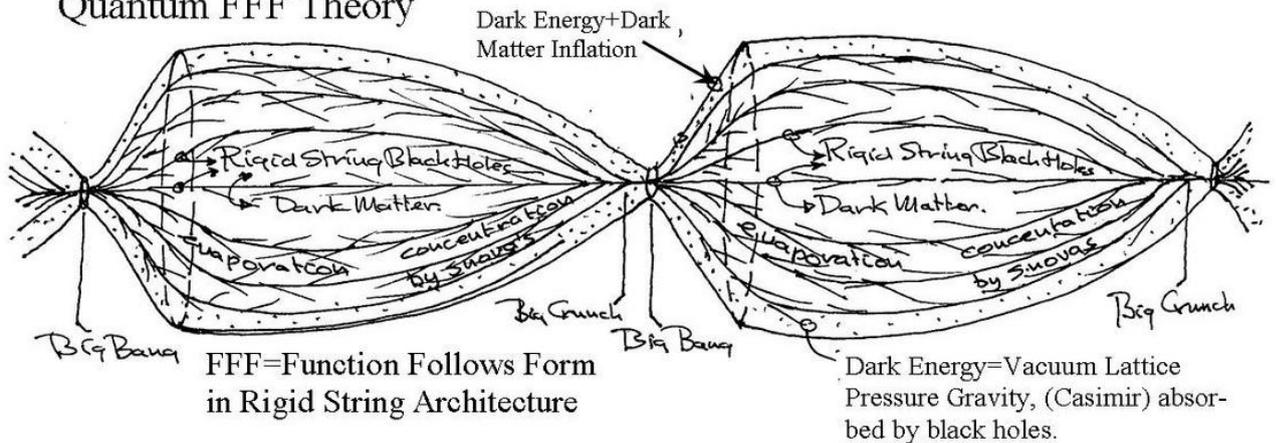
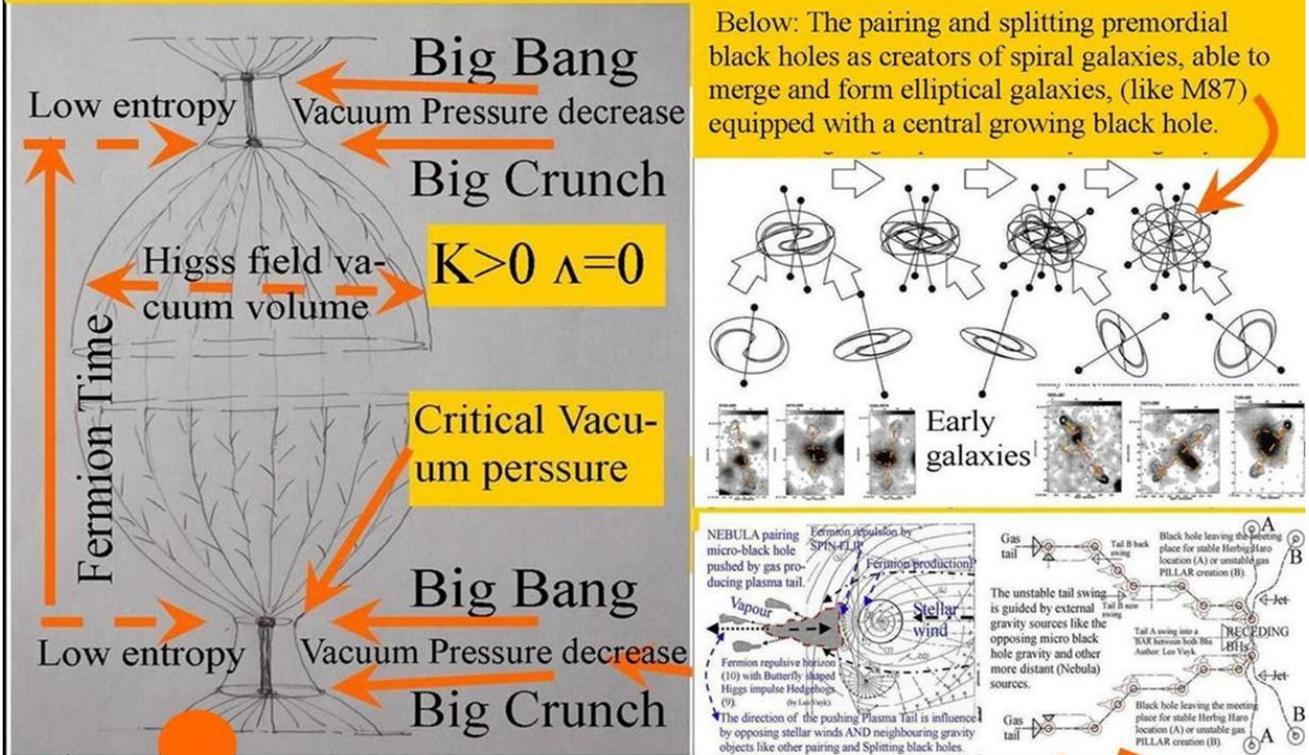


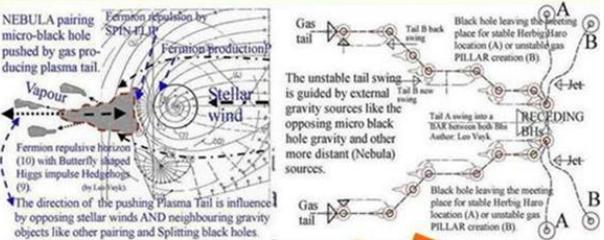
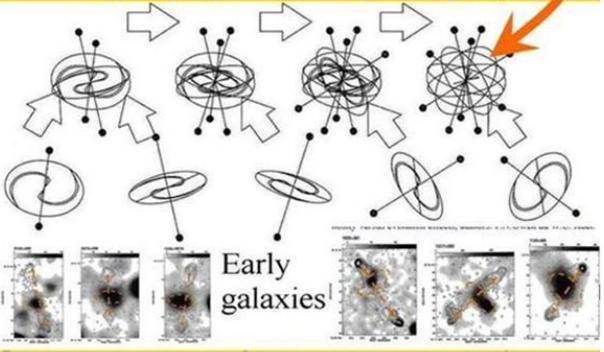
Figure 15,

Bouncing/ Cyclic Multiverse.

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.



Multi Bangs

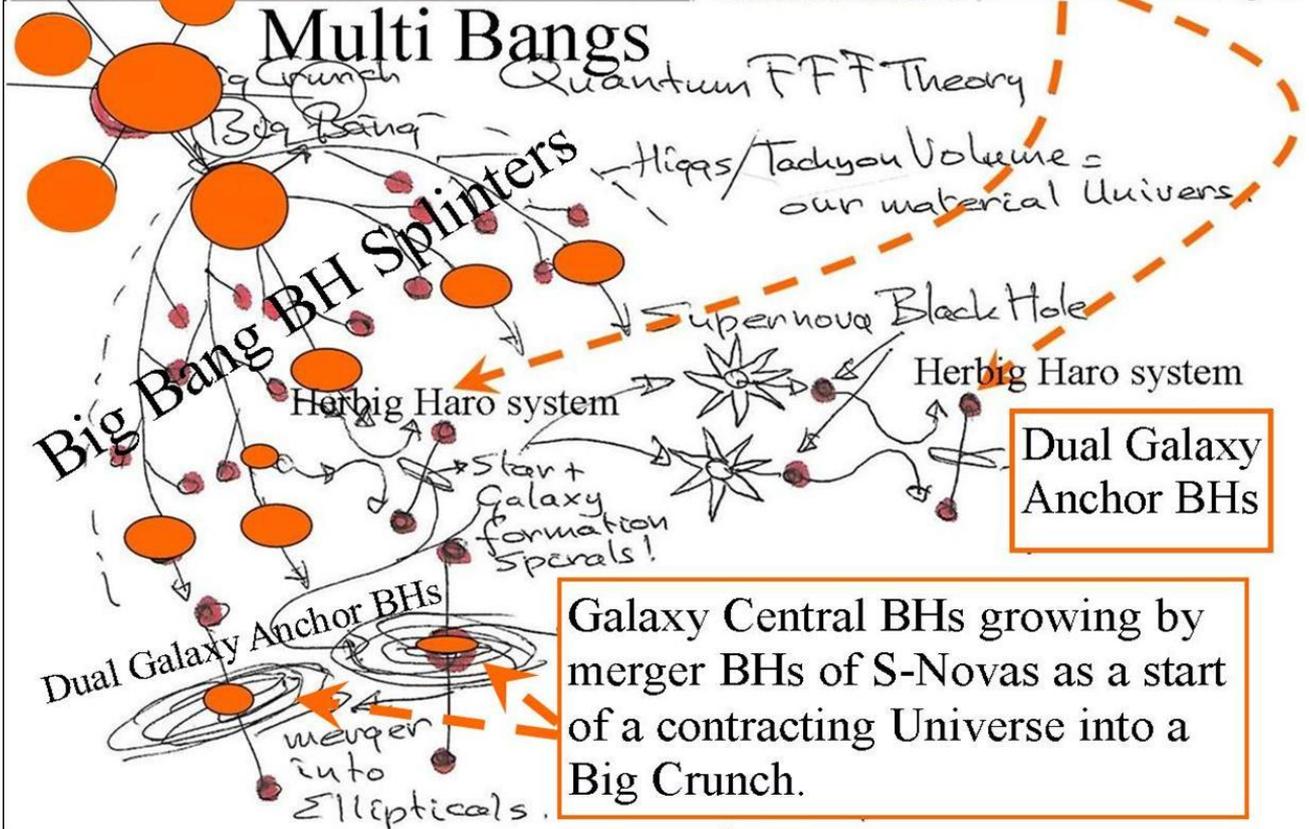


Figure 16,

Three CMB Low Variance Circles.

According to Q- FFF Theory: Three Low Variance circles in the CMB suggests a symmetrical multiverse with 8x Universal bubbles.

Low Variance CMB Circles by R. Penrose and V.G. Gurzadyan. 2010.

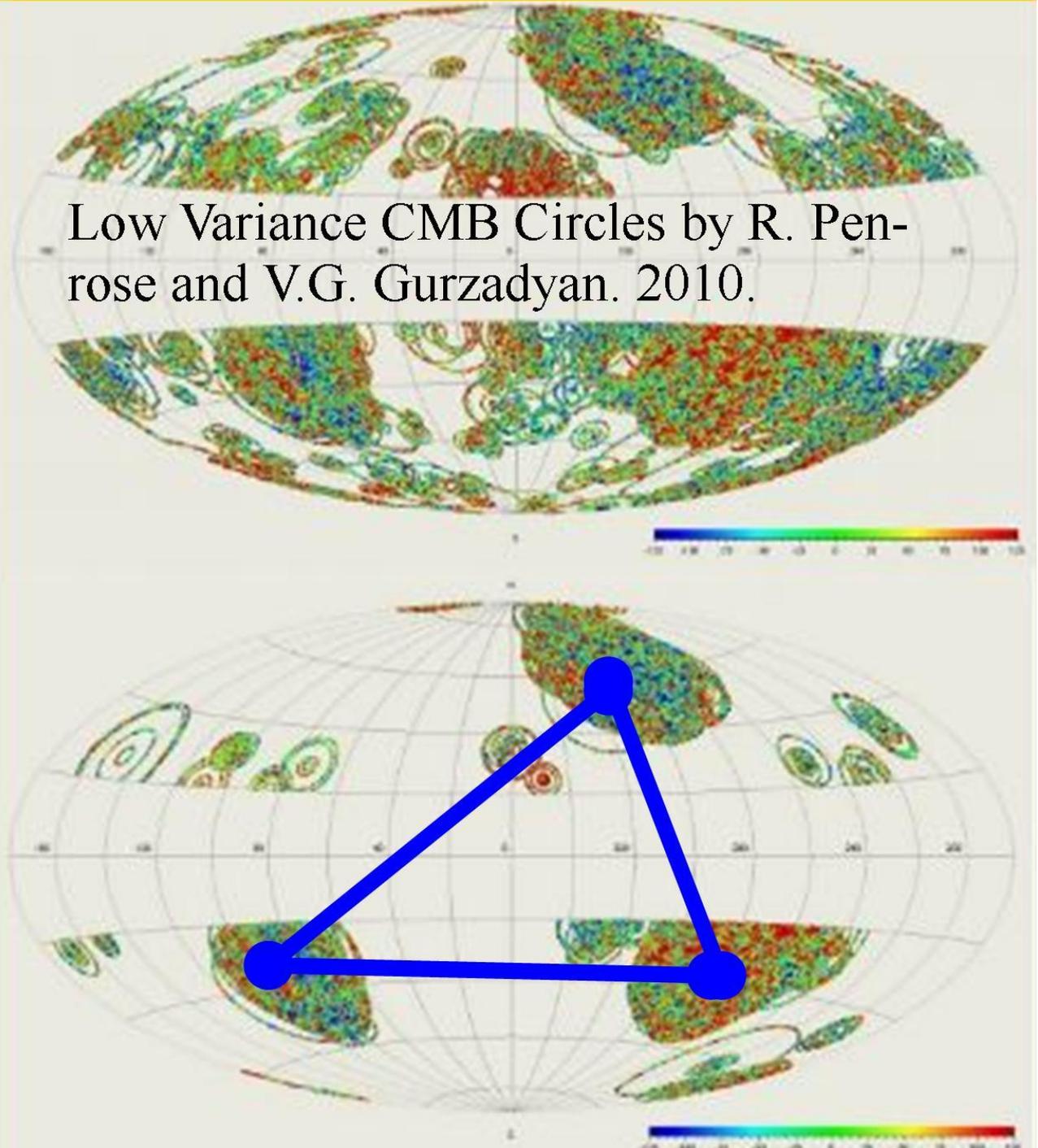
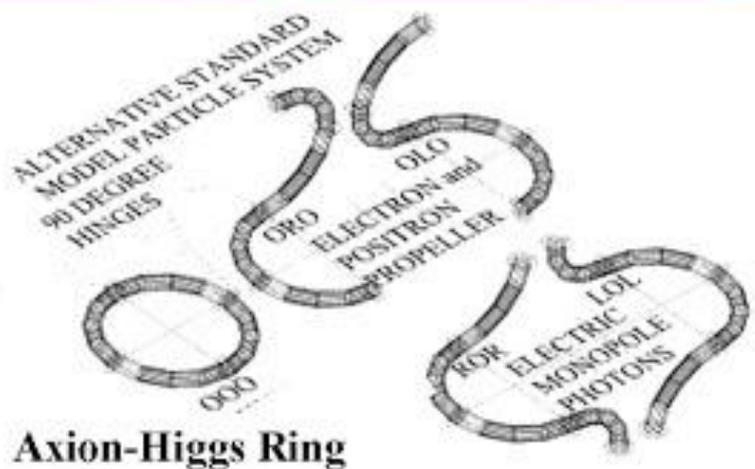
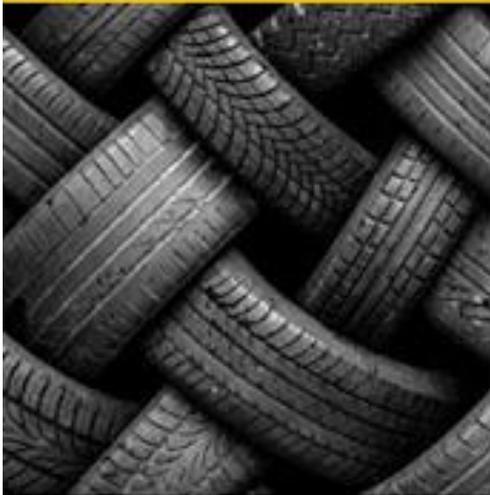


Figure 17,

New Black Hole Nuclear Interior
 with primal Rigid transformable
 ring shaped Strings (Axion Higgs
 vacuum rings) compressed by the
 oscillating repeller vacuum.
 (Quantum FFF Theory)



Axion-Higgs Ring

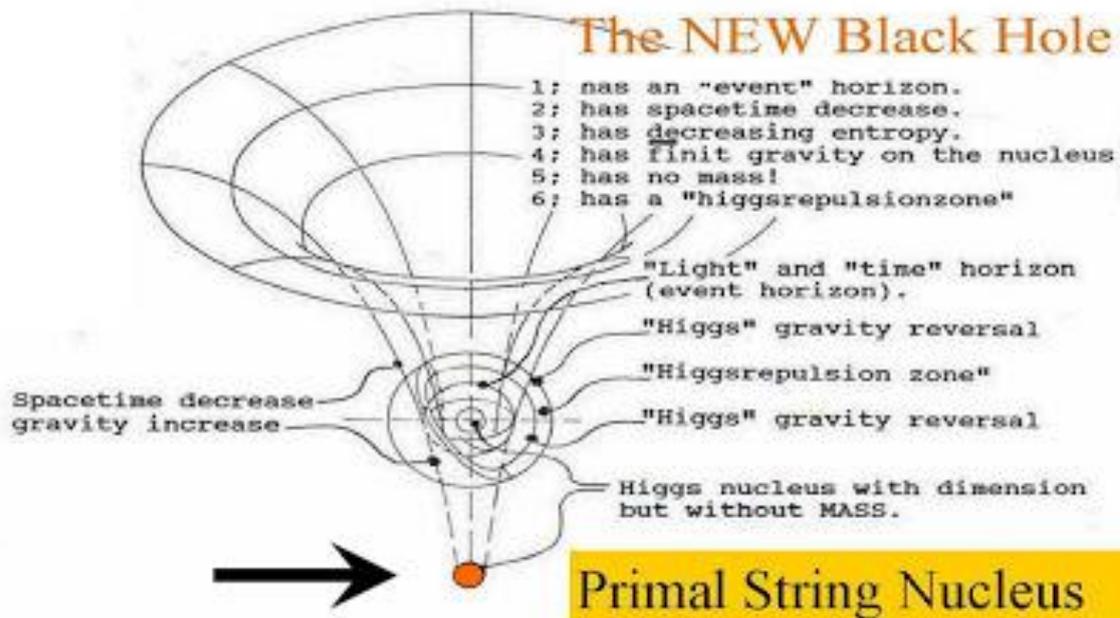
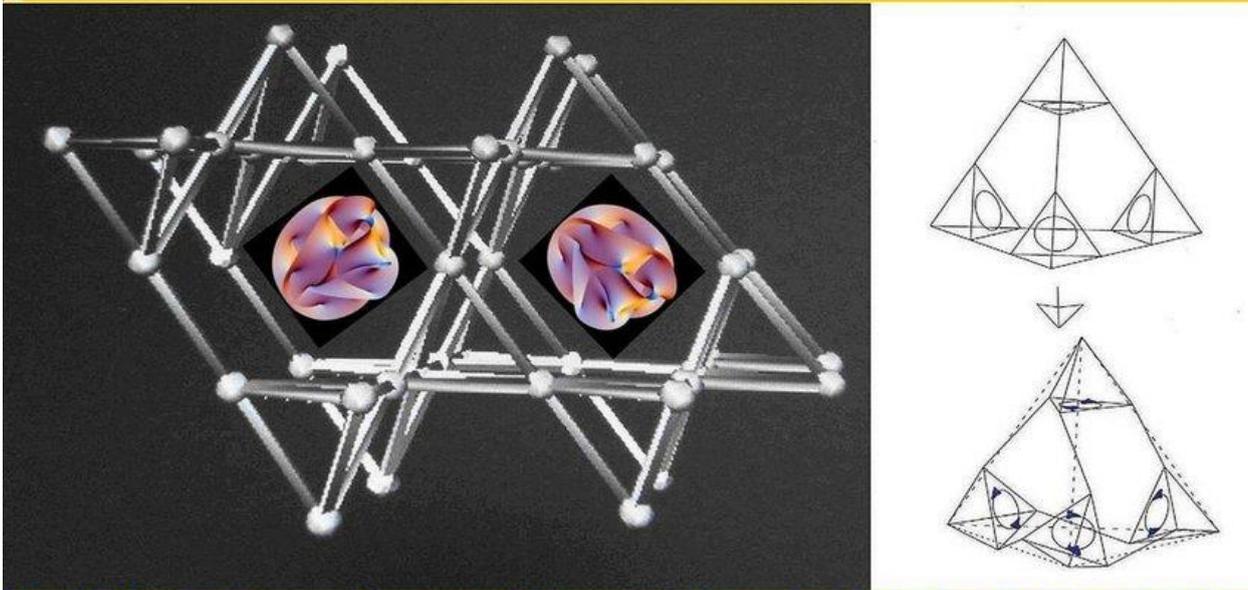


Figure 18,

Chiral oscillating Axion-Higgs vacuum structure.

Big Bang Supersymmetry between two entangled universes means that propeller shaped fermions have magical entangled mirror partners in the other anti mater universe.



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.

Synchrotron radiation by Polarized Fermion spin combined with high speed motion through the resistive oscillating Higgs vacuum (according to Quantum FFF theory)

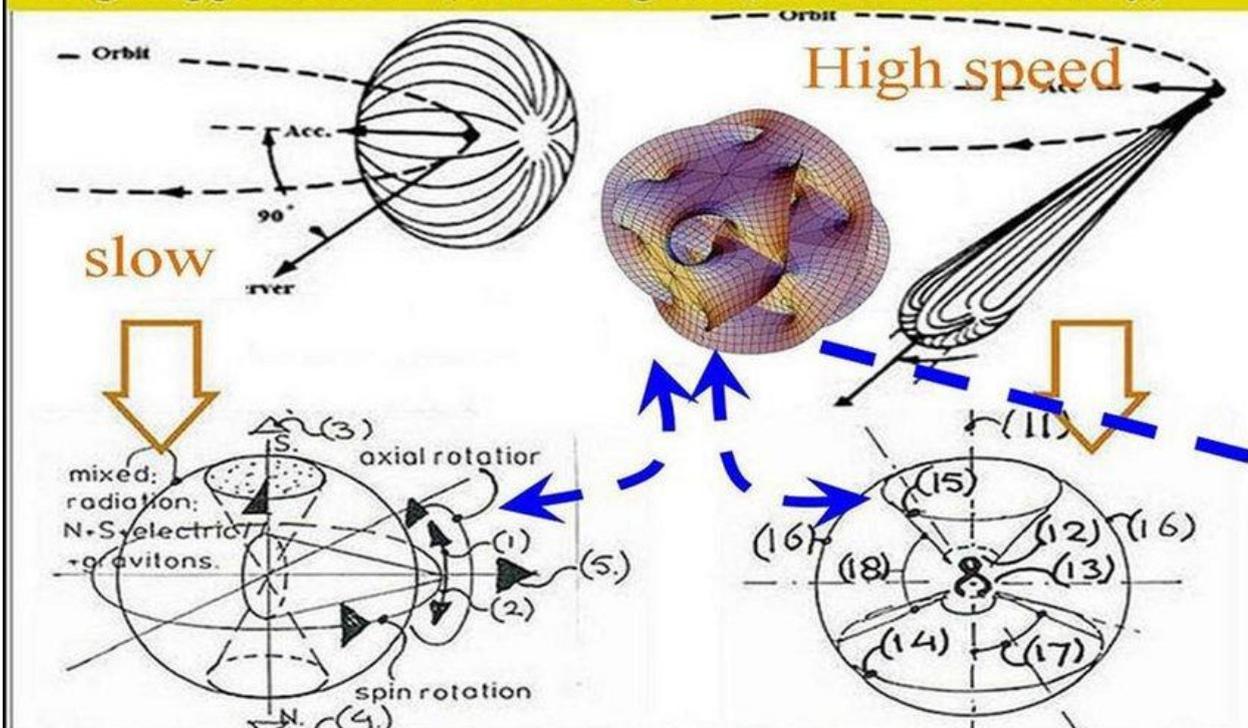
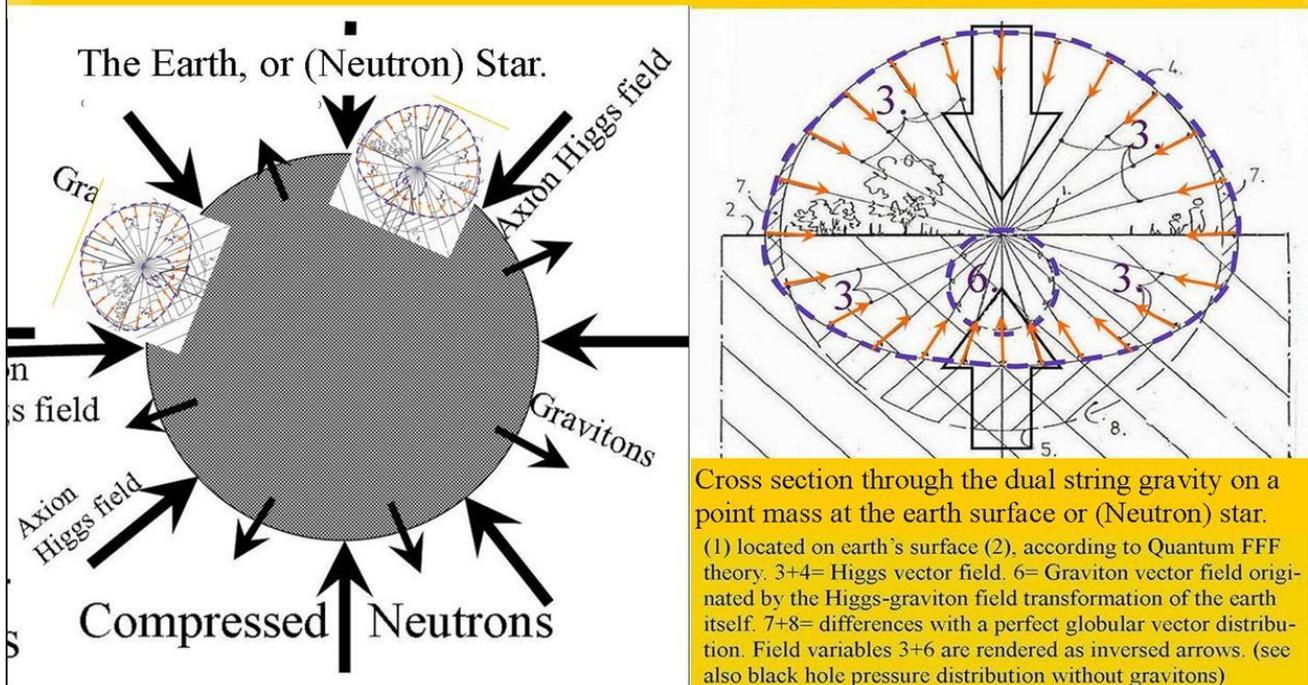


Figure 19,

Dipole repeller gravity by Casimir effect of Graviton - Axion/Higgs field pressure combined.



Dual Rigid String Pressure Gravity between the oscillating dark energy (3) of the Axion Higgs field and opposing Graviton pressure energy (6) according to Quantum FFF Theory.

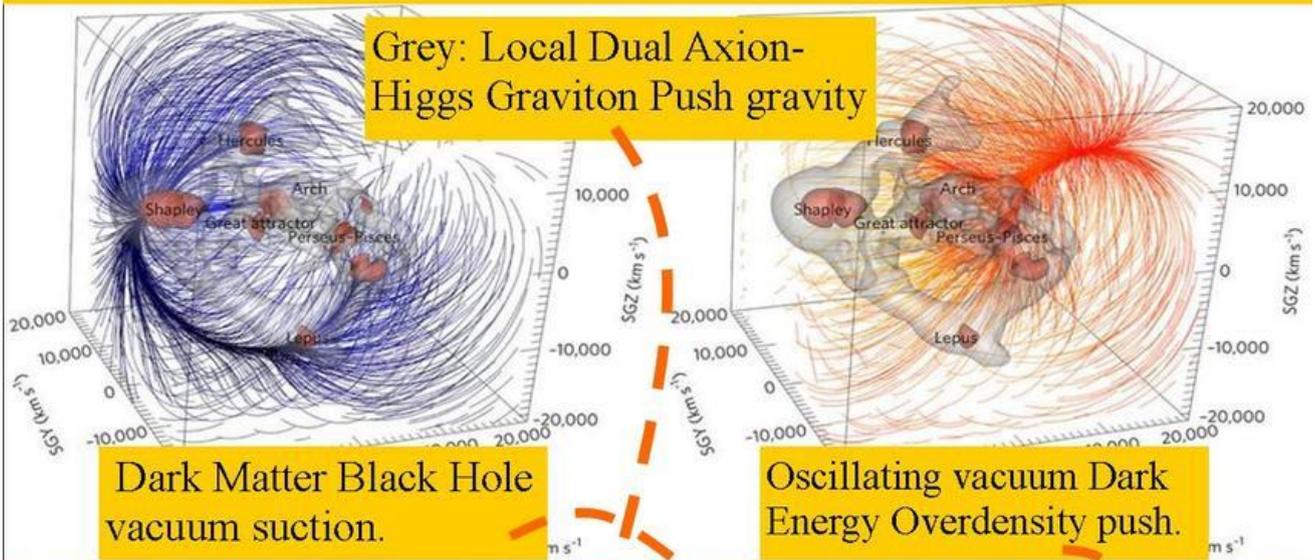


Cross section through the dual string gravity on a point mass at the earth surface or (Neutron) star. (1) located on earth's surface (2), according to Quantum FFF theory. 3+4= Higgs vector field. 6= Graviton vector field originated by the Higgs-graviton field transformation of the earth itself. 7+8= 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 20,

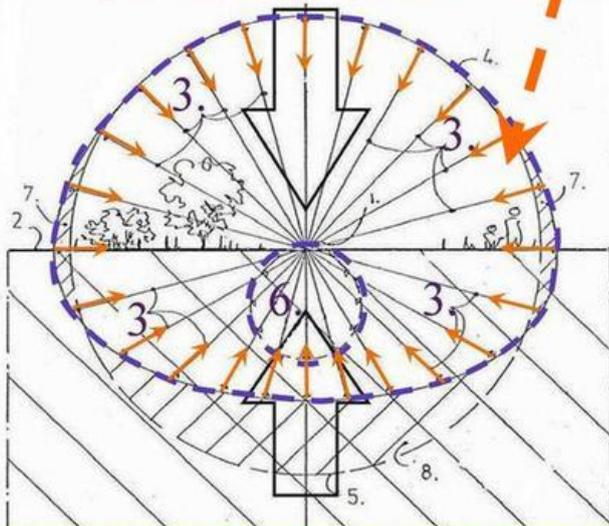
Quantum Dipole Repeller Gravity pushing our Galaxy.

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.

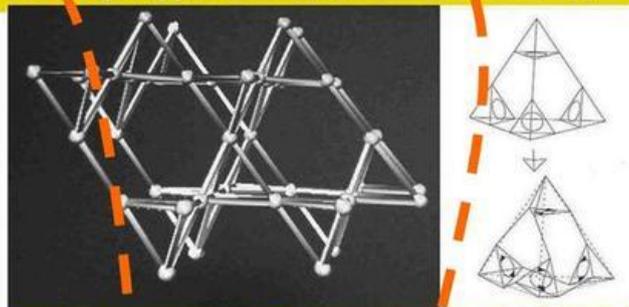


Quantum Gravity as pressure distribution of the oscillating dual Higgs/Graviton vector field.

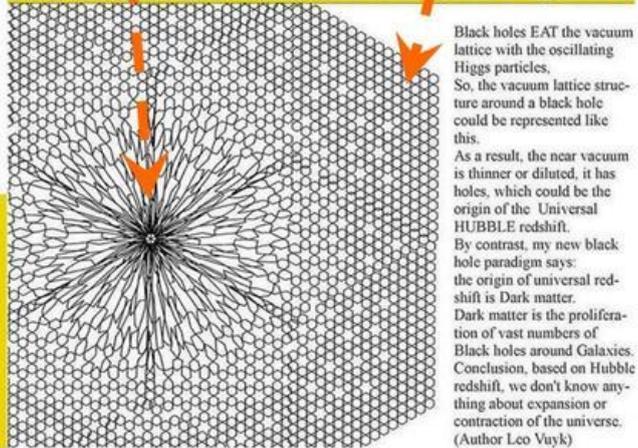
New Dark Matter Black Hole, "Eat" the chiral oscillating Higgs vacuum. (Quantum-FFF Theory)



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 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.



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)

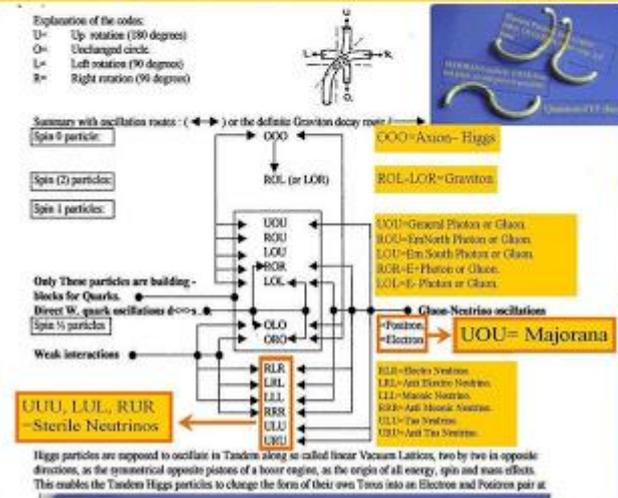
Figure 21,

Rigid Transformer String Based New Standard Model.

Alternative Standard Model of Quantum FFF Theory

With ONE Axion-Higgs Mother particle

The Axion- Higgs Vacuum Field particle is coded OOO, representing three closed Rigid String hinges of the mother rigid ring, able to rotate in steps over 90 degrees into L,U and R: Left Up and Right.



Rigid String based information building blocks with Fermion Calabi Yaw propellers (right) and Boson non propellers (left)



Pair production by Axion Higgs Field particle collision at black hole horizons (Q-FFF Theory)

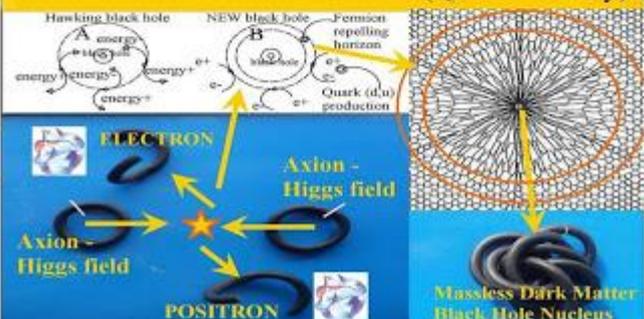


Figure 22, The extended Standard Model according to Quantum FFF Theory, (Function Follows Form, at the quantum scale and above)

References:

Books: The New God Particle and Free Will. Author: Leo Vuyk, LuLu publishers, 2008.

ISBN number 978-1-4092-1031-3 <http://www.lulu.com/spotlight/LeoVuyk>

Quantum FFF Theory is also published in the form of POSTERS at the Flickr site:

<http://www.flickr.com/photos/93308747@N05/>

[120] [viXra:1902.0349](https://arxiv.org/abs/1902.0349) The Electric Universe by Electric Dark Matter Big Bang Black Holes of Quantum FFF Theory.

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