

# The Magic Fermion Repelling Stringy Fuzzball Black Hole, the origin of a Cyclic Raspberry Multiverse.

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## Abstract,

This consciousness theory of everything, also called Quantum FFF Theory, (FFF = Function Follows Form) is a semi classical theory based on a symmetrical Big Bang into 8 or 12 Charge Parity (CP) symmetric copy universes.

However such a cyclic multiverse seems to be only possible with special ingredients,

1: a propeller shaped fermion able transform by collision and spin in two pitch directions.

2: A compact String knot based dark matter Fuzzball black hole with enough rigid string content, to become stable against the fierce oscillations of the oscillating vacuum lattice and repelling all spinning Fermions. but not other black hole nuclei or photons.

As a result, The Quantum FFF Theory is a semi classical theory because it describes reality by the real collision and shape transformation processes of real sub quantum rigid stringy multiverse entangled particles.

Each particle is supposed to be conscious by its entanglement with 8 or 12 CP symmetric copy particles located inside 8 or 12 Charge Parity (CP) symmetric universal bubbles at long distance in raspberry shape.

Those particles are supposed to be based on only one original transformable ring shaped massless virgin particle called the Axion/Higgs particle assumed to be the product of the symmetric cyclic big bang nucleus as the creation of one symmetrical raspberry shaped multiverse equipped with an even number of material and anti material universal bubbles.

The Quantum FFF theory is called Semi classical because in addition to the ring shaped transformable rigid string particles, all universal bubbles are assumed to be each others Charge Parity (CP) mirror symmetric universal bubbles which are assumed to be instant entangled down to each individual string particle created out of the Axion Higgs splitting cold Big Bang.

The sheer simplicity of such a system is perhaps the reason that I could not find comparable proposals for such consciousness theories of everything.

**David Bohm** suggested in 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" inside an "UNDIVIDED UNIVERSE"

In this Quantum-FFF Theory translated into: an "UNDIVIDED MULTIVERSE" with multi universal instant entanglement between CP symmetric mirror strings)

# Evidence for a Fermion repelling Charged Dark Matter Fuzzball Black Hole, with compact Rigid String Nucleus. According to Quantum FFF Theory

## The Magic of Fermion- Repelling and Creating Black Hole Horizon

! You need a dark energy oscillating particle Vacuum Lattice combined with a Dark Matter String Nucleus of a Black Hole AND Propeller shaped Rigid Spinning Fermions.

**Hawking black hole**

**NEW black hole**

Fermion repelling horizon  
Quark (d,u) production

### Fuzz ball

Symptotical spherical vacuum lattice structure (left), constructed by complex, chaotic building blocks (right). Each structure has its discrete lattice on a left- or right-handed rotation of its fundamental building blocks. Each chain lattice all has the Planck length and is supposed to be equipped with at least two oscillating transitions (new Higgs particles).

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 univers. 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>>

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 dilated, 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)

images: A multi-frequency study of the radio galaxy NGC 326 by M.Murgia et.al. (CNR Bologna.it.) <https://www.aanda.org/articles/aa/pdf/2001/46/aah3092.pdf>

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!

( Image origin: @. Beuther and Fendt )

Without outflow subtraction      Velocity Arrows With outflow subtraction

200 km s<sup>-1</sup>

Gas tail      Tail if back swing      Black hole leaving the trailing plane for stable Herbig Haro location (A) or unstable gas PILLAR creation (B)

The unstable tail swing is guided by external gravity sources like the opposing micro black hole gravity and other more distant (Nebula) sources.

Gas tail      Tail if swing into a NAR tailbow with the other Leo Vuyk      Black hole leaving the trailing plane for stable Herbig Haro location (A) or unstable gas PILLAR creation (B)

Figure 1 The nucleus of a Fermion repelling charged dark matter Fuzzball Black hole..

## Introduction.

According to Quantum FFF Theory, ( Function Follows Form at the quantum scale) Mass is the potency of rigid string based Fermions and Bosons, to produce and radiate Gravitons by the collision process, between mass less but energetic oscillating transformable Axion Higgs vacuum field particles and.. more complex shaped compound Fermions or Bosons (W + Z+Higgs family). Gravity is assumed to be the statistical result of local dual opposing graviton pressure (instead of attraction) with opposing Axion Higgs field particles on fermions.

A recent example of local vacuum pressure duality is called "Dipole Repeller" gravity by Yehuda Hoffman also suggested partly in line as Emergent Gravity by E. Verlinde.

More extended loops or "arms" of each rigid string particle is supposed to create more Axion transformation into Gravitons photons per Planck time unit.

Secondly, gravitons are assumed to exert not an attraction force on fermions and bosons but only a reduced pressure force in opposition to the vacuum pressure of the Axion Higgs field..

Black holes do not radiate gravitons but "eat" the local vacuum particles leading to a single repeller effect on the growing Black hole nucleus.

The ring shaped Axion Higgs field particles are supposed to oscillate in tandem (as the boxer engine pistons) along each vacuum lattice with the local Planck length and transfer information of monopole photons through the whole universe as long as they do not collide with fermions or bosons.

The new physics black hole nucleus is represented as a compact quantum knot of Axion Higgs particles, compressed together by the inflow of vacuum particles.

As a consequence the incoming Axion Higgs field pressure is the only origin of the Gravity pressure effect around each black hole nucleus .

In Quantum FFF Theory, the inertial mass effects of the earth and all atomic fermions is supposed to be originated by the real Lorentz polarization of all fermionic mass of the earth mainly pointing into the direction of motion around the sun, as the opposing effort for the resisting vacuum.

Rigid string shaped Fermions are assumed to have a real propeller shape able to plow into the direction of motion through the local space time creating vacuum lattice.

Bosons without a propeller shape ( Higgs and Z ) including black hole nuclei, seem to be not able to polarize and will present signals to be "stuck" in the local solar centered vacuum lattice.

According to Quantum FFF Theory, the new black hole nucleus is represented as a bunch of rigid string particles compressed by the oscillating Axion Higgs field vacuum particles.

All Fermions should be repelled at a new physics Black Hole (BH) repelling horizon which is supposed to have concentric globular shells of positive (inside) or negative charge (outside)

As a result, each black hole is assumed to have a globular shell of positron and proton based plasma at the inside and a negative electron based plasma shell outside this positive shell.

If we include the existence of small interference black holes (or Quantum Knots or WIMPs) then Ball lightning and micro comets ( including Comets and sunspots) are to be explained as micro black holes violating also the second law of thermodynamics.

The form and microstructure of elementary particles, is supposed to be the origin of functional differences between Higgs- Graviton- Photon and Fermion particles.

As a consequence of the quantum gravity difference on fermions and black hole nuclei, the new splitting, accelerating and pairing massless black hole, is able to convert vacuum energy (ZPE) into real energy by entropy decrease. This explains quick Galaxy- and Star formation, down to Sunspots, (Micro) Comets, Lightning bolts, Sprites and Elves, Sprite Fireballs and Ball Lightning according to quantum.

In Quantum FFF Theory, the inertial mass effects of the earth is supposed to be originated by the real Lorentz polarization of all fermionic mass of the earth, on average pointing into the direction of motion around the sun, as the opposing effort for the resisting vacuum.

Conclusion some Bosons (Higgs and Z particles) seem to be not able to polarize and will present signals to be more or less "stuck" in the local solar centered vacuum lattice.

The LHC could perhaps be able to show this anti inertial mass effect created by the solar reference frame also called solar LASOF (Local Oscillating vacuum Frame,  
 Secondly, Dark matter concentrations “stuck” in the middle of merger galaxies clusters is also supposed to be a smoking gun for non- inertial mass of dark matter black holes..  
 Emergent gravity as proposed by E.Verlinde and Dipole Rrepeller gravity by Yehuda Hoffman, ( fig 5) are in line with dual rigid string pressure gravity on fermions and bosons.

## General description of the Quantum-FFF model.

It is assumed that the vacuum is seeded with massive numbers of massless Axion-Higgs (A-Higgs) particles, all energetic oscillating inside a chiral vacuum lattice system and as such the origin and bearer of all energy in the universe.

If by a local energy excess, two A-Higgs particles collide with enough energy, it is assumed that an electron and positron emerges by internal hinge transformation.

Due to the propeller shape of the Fermions, these Fermions are assumed to spin by a constant collision and scattering process with the Higgs vacuum, changing A-Higgs particles continuously into different forms of Photon or Gluons.

This collision scattering process is proposed to be the base for the “eigen energy” of Fermions.

Thus Fermions are constantly consuming and transforming vacuum particle energy into

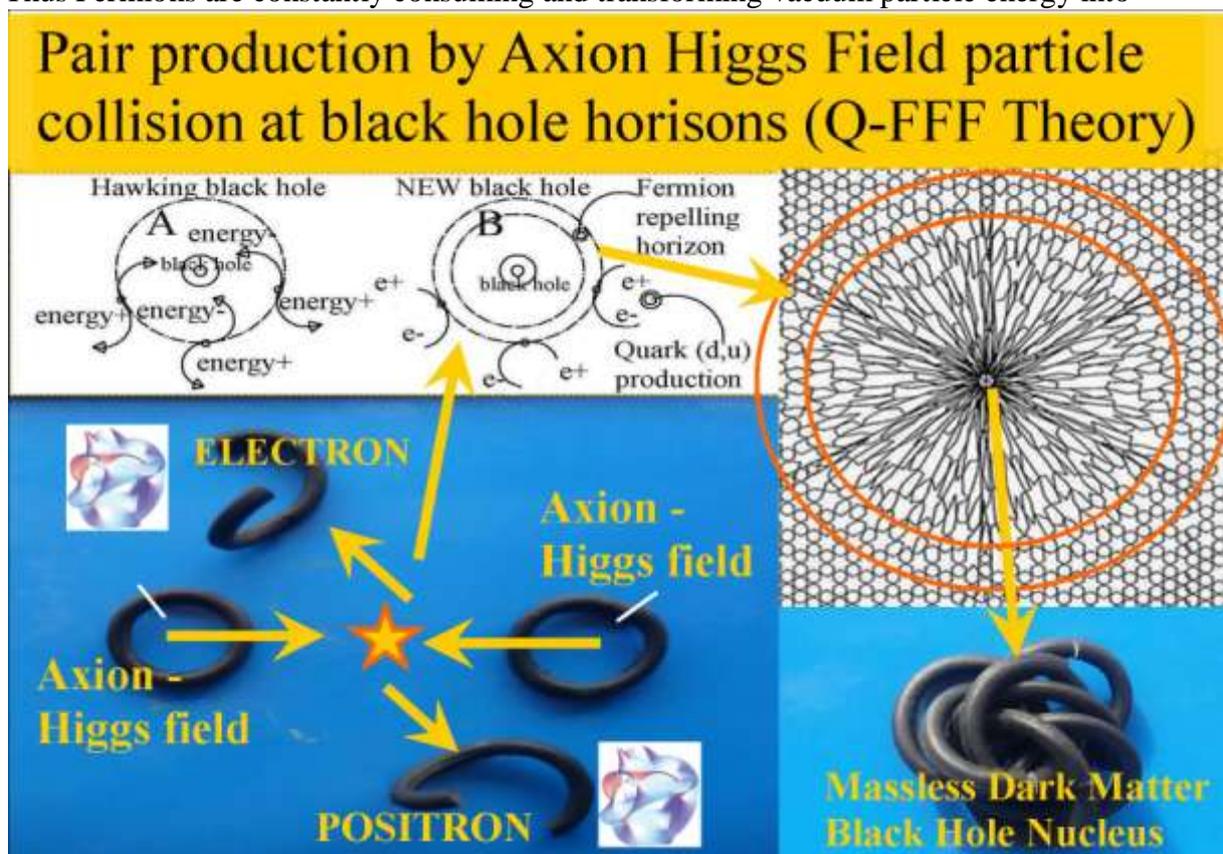


Figure 2, Pair production by Axion Higgs field collision at black hole horizons.

As a consequence, in Quantum FFF Theory photons should be the same as gluons and gluons become photons after collision with local fermions ( atomic fermions) or after 1cm distance being absorbed by the local vacuum.

As a result, I suggest that many “elementary” (Quarks, Z and W) particles should not be elementary, but compound constructions or KNOTS of transformed A-Higgs particles. Even the Muon and Tau Lepton should be compound particles having the same shape as one of the different colored “naked” Down- respectively Charm Quarks. Thus, Muon- and Tau particles are supposed to be naked Quarks! Recent LHC ( Large Hadron Collider) results are telling us that so called di-Higgs resonances lead to a variety of Higgs masses. In Quantum FFF Theory however the real building block of the universe should be only the Axion-Higgs vacuum particle without any mass.

## The basic elements:

- 1: Black holes (BHs) are the same as Dark Matter, they all consume photons, even gravitons and the Axion-Higgs field, ( for short: Higgs field) but REPEL Fermions due to their propeller shape polarization 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 Splinters (PBBS) forming the Fractal Lyman Alpha forest and evaporating partly into a zero mass energetic oscillating Higgs particle based Higgs field.
- 5: Dual PBBSs 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 (spiraling) 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. (See the o’Connell effect, figure 29 )
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 Splinters (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 also: “Democratic Free Will and Telepathy in the Instant Entangled Multiverse.”  
<http://vixra.org/pdf/1612.0026v3.pdf>

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 Axion-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 visualized 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](http://vixra.org/pdf/1401.0071v2.pdf)

## 5x historic references.

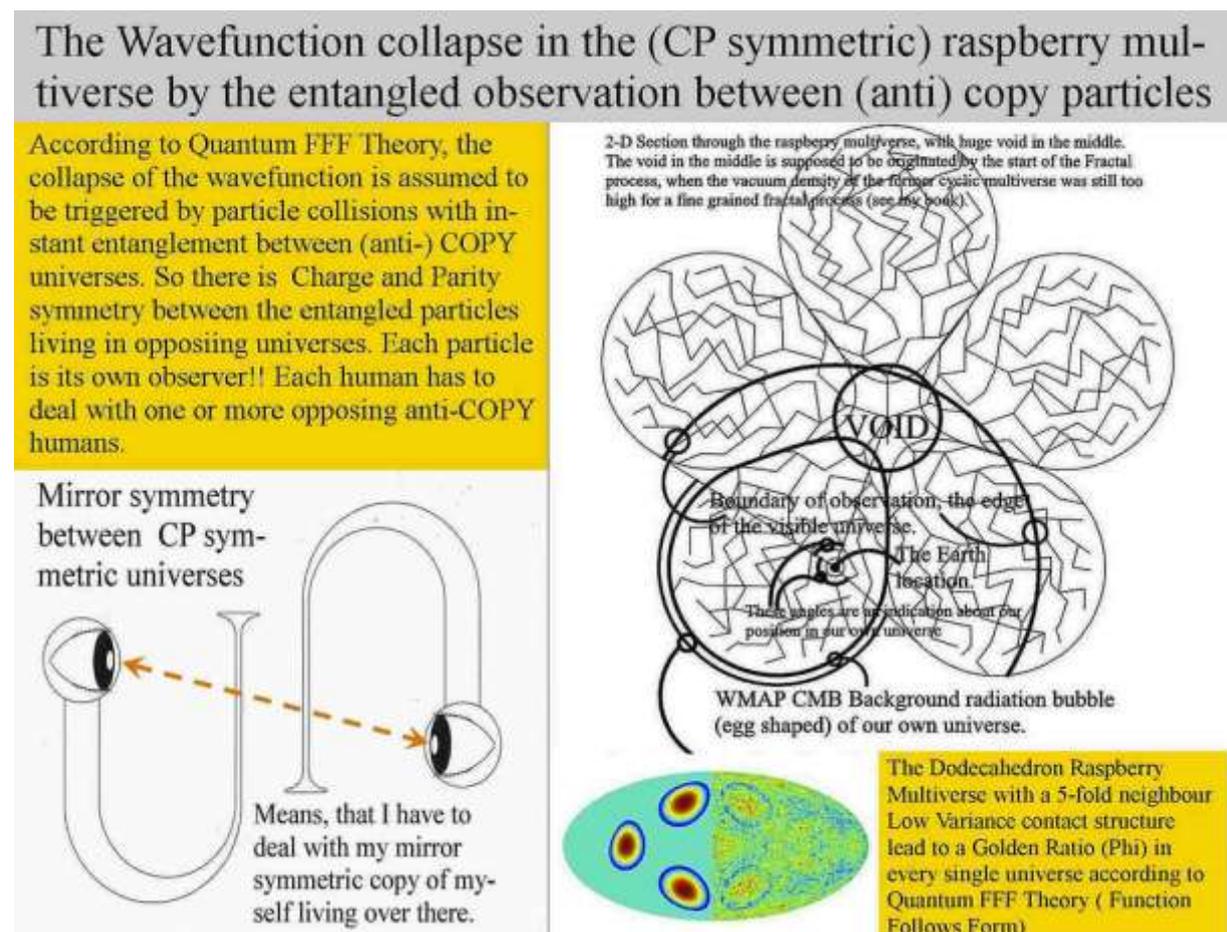
It was **Abdus Salam** who proposed that quarks and leptons should have a sub-quantum level structure, and that they are compound hardrock particles with a specific non-zero sized form. **Jean Paul Vigiér** postulated that quarks and leptons are "pushed around" by an energetic sea of vacuum particles.

**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" inside an "UNDIVIDED UNIVERSE" ( in my Quantum-FFF Theory translated into: AN "UNDIVIDED MULTIVERSE" with multi universal instant entanglement between CP symmetric mirror strings)

**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.



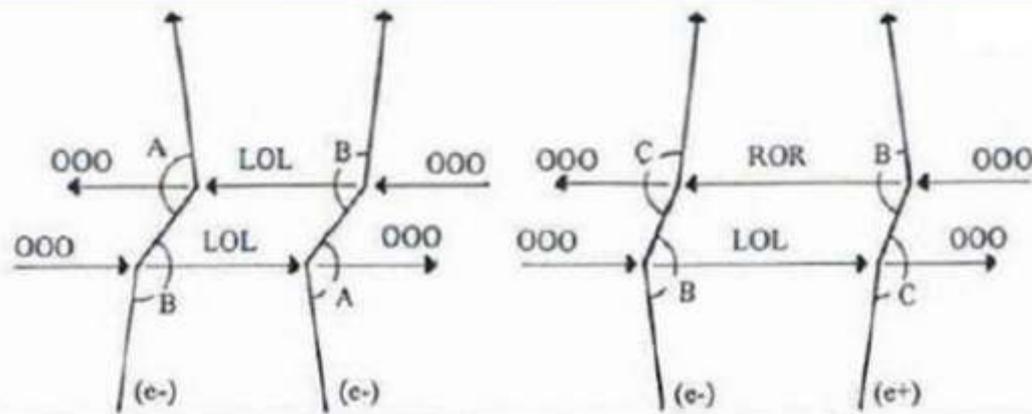
**Figure 3, wavefunction collapse between CP symmetric mirror particles by instant entanglement between multi universal bubbles located around the Big Bang central void.**

See also: "Democratic Free Will and Telepathy in the Instant Entangled Multiverse."  
<http://vixra.org/pdf/1612.0026v3.pdf>

# Feynman for Di-Monopole Repeller Forces

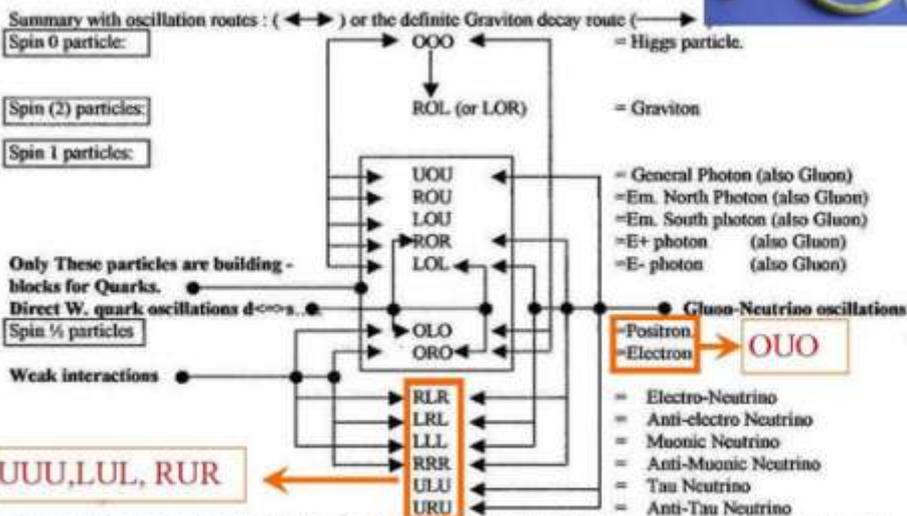
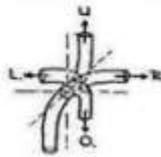
Attraction and Repulsion forces created by Dipole Repeller effects between the Higgs Field vacuum (OOO) and 5x opposing Photons. ( UOU, ROU, LOU, ROR, LOL)

According to Quantum FFF Theory. Feynman diagrams



( 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)

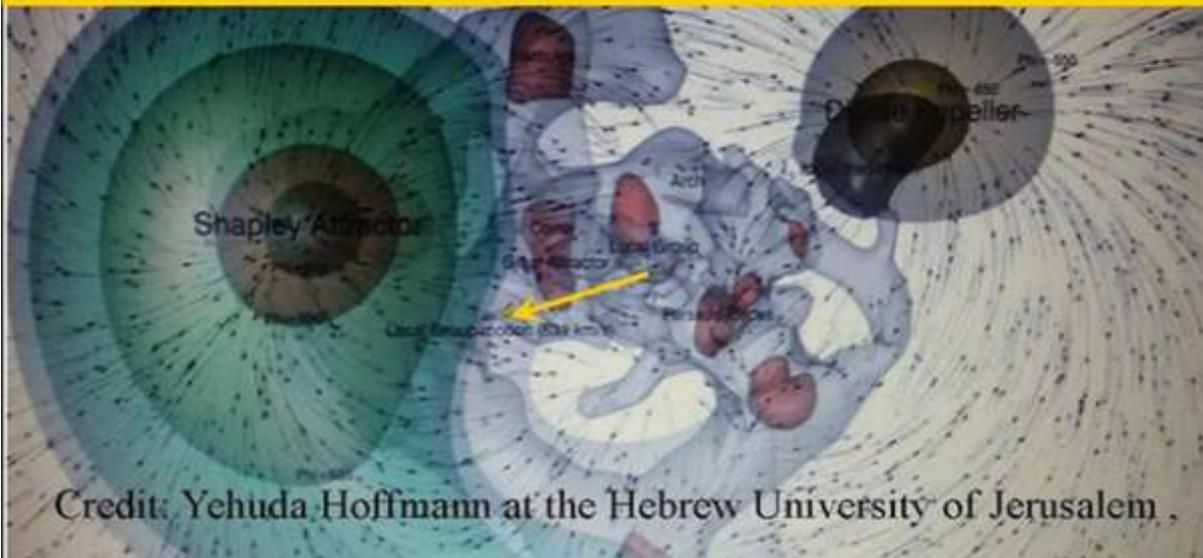


Higgs particles are supposed to oscillate in Tandem along so called linear Vacuum Lattices, two by two in opposite directions, as the symmetrical opposite pistons of a boxer engine, as the origin of all energy, spin and mass effects. This enables the Tandem Higgs particles to change the form of their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

Figure 4. Feynman diagrams for di-monopole repeller forces. 5x monopole photons are also Gluons for the Strong Force.

# Entropic or Emergent Gravity and Dipole Repeller Gravity seem to be Opposing Repeller Gravity of Axion Higgs field and Graviton pressure information.

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.



Credit: Yehuda Hoffmann at the Hebrew University of Jerusalem .

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)

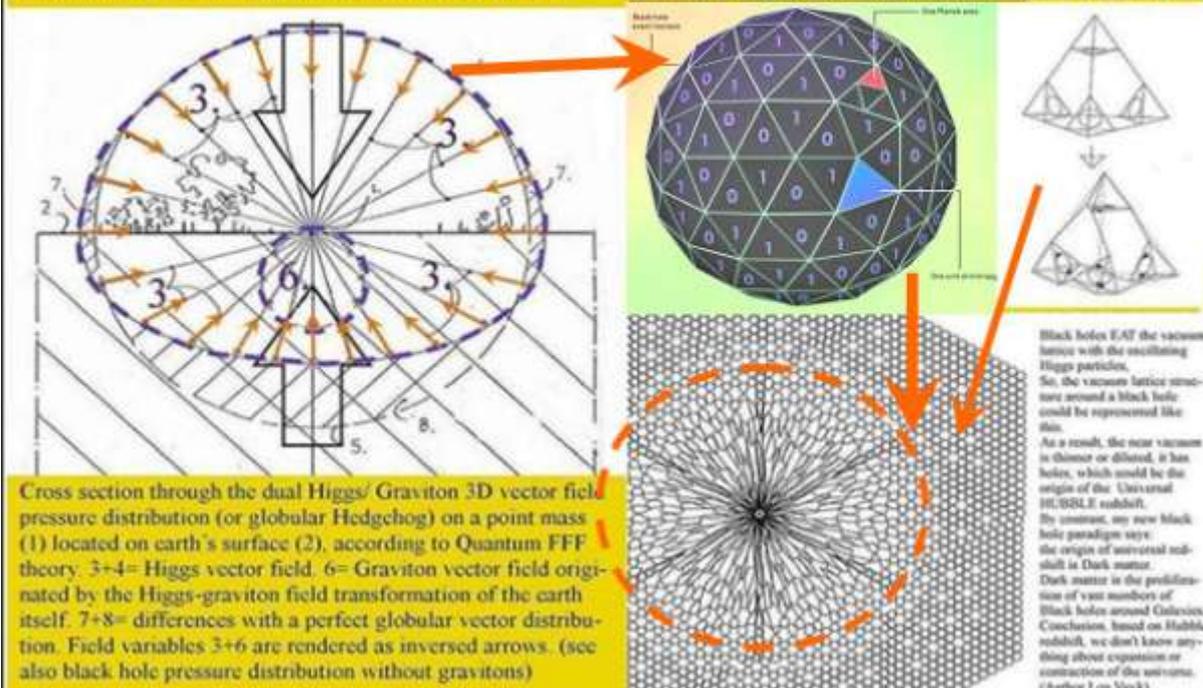


Figure 5. Di-monopole repeller gravity and or entropic emergent gravity combined. Yehuda Hoffmann and Erik Verlinde.

# Black hole mass related merger dynamics.

6000 small S-Nova black holes in the Milky Way center (green spots below) is a support for the BH family distribution according to Quantum FFF Theory. (see right below). However Abell 520 cluster seems to centralize massive 1e and 2e Galaxy Anchor BHs (GABHs) in a DM core after merging of three clusters. (below left).

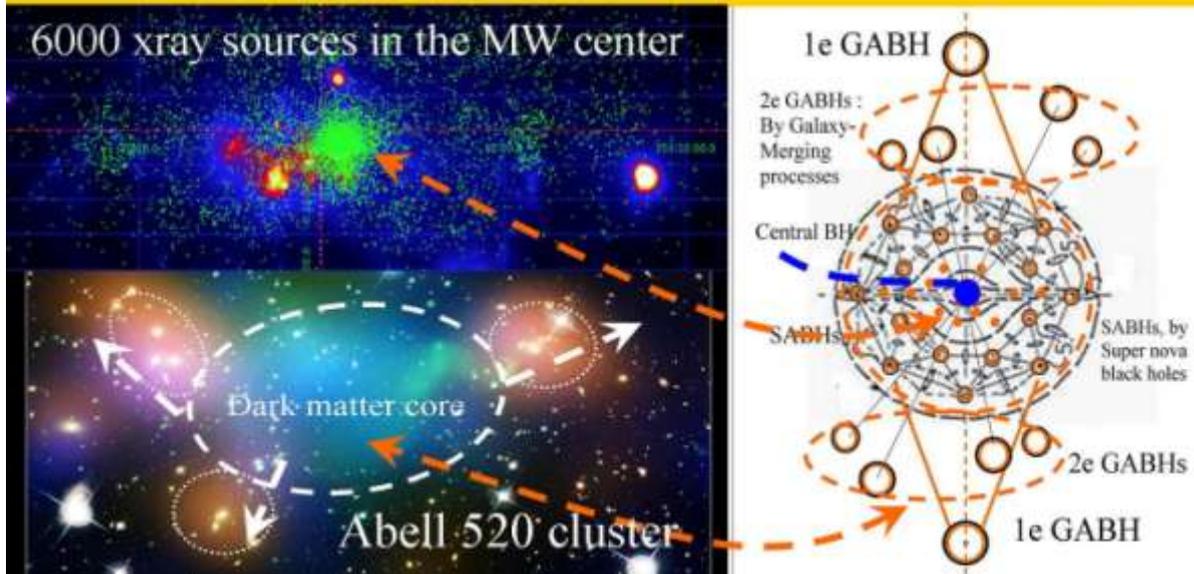


Figure 6, Merger dynamics of NON inertial Dark Matter black holes left behind after merging in the middle.

# Examples of evaporating Photonic Molecules or Quantum Knots or Ball Lightning or Micro Comets .

Kugelblitz - hochaufgelöst / Ball lightning in high resolution.  
 Max-Planck-Institut für Plasmaphysik (youtube 2014)  
 As shown by the high-speed camera, first a surface discharge with thread-like plasma structures is generated.  
 As is typical of hot gases rising, this changes into a mushroom-like form and finally into a luminous cloud. After about three blinks of an eyelash or 0.5 seconds the plasma vanishes. For further particulars:  
<http://www.gpp.mpg.de/91359/kugelblitz>

The creation of MICRO-Electric Dark Matter Black Holes (quantum knots, falling down) by magnetic lightning interference, according to Quantum FFF Theory.



Figure 7, Microscopic Black Holes on Earth.

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

Rigid String Quantum Knot suggestions for different configuration: 125-375-500-750-1600 GeV and More called dark matter black holes. (According to Quantum FFF Theory architecture)



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

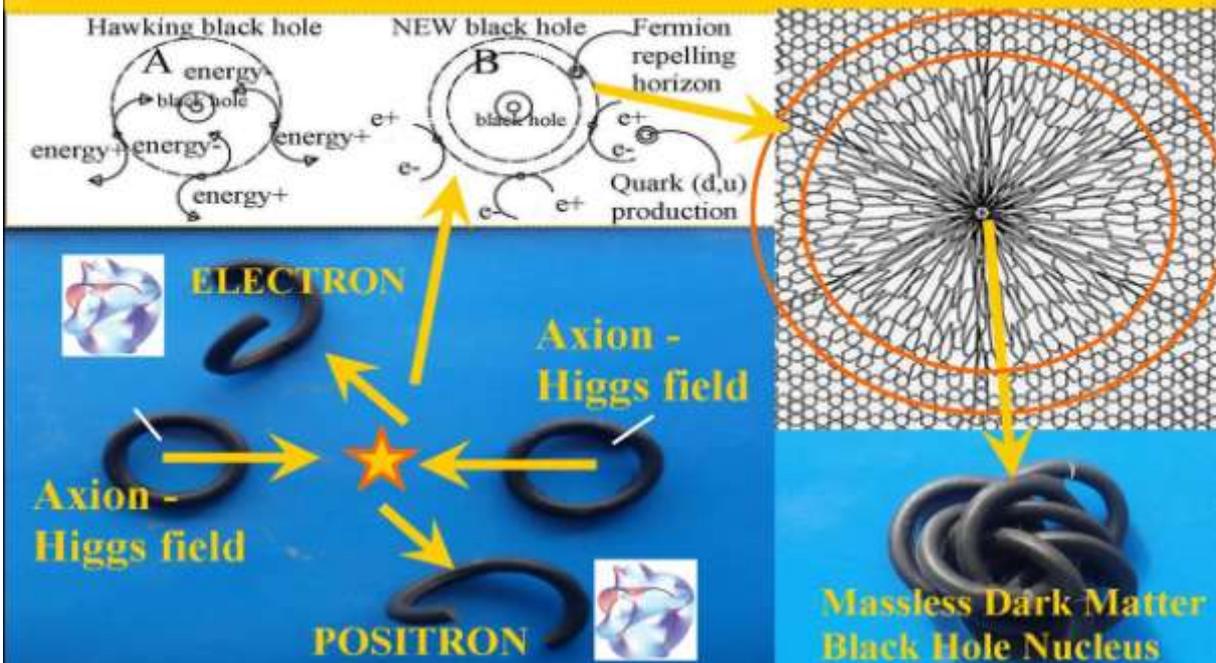
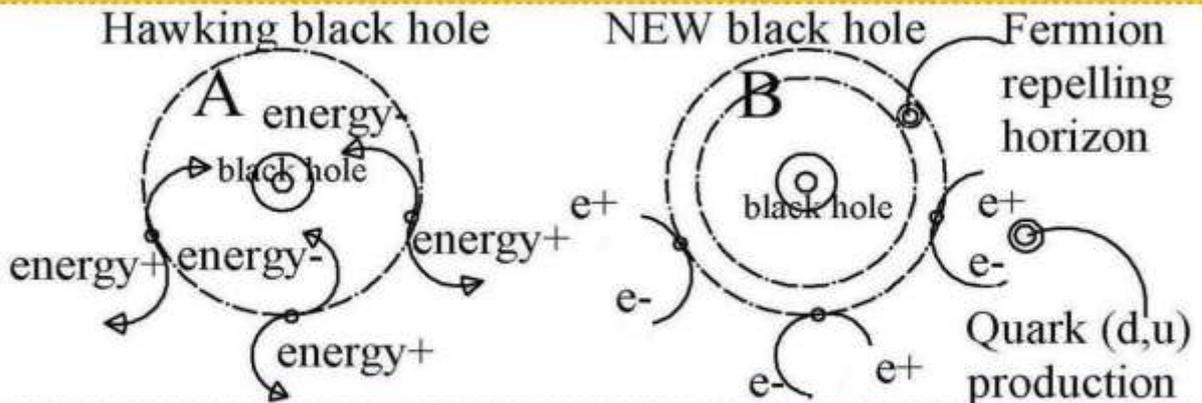


Figure 8, Fermionic propeller shaped Quantum Knots (high up right) and Higgs Boson family based Quantum Knot-Black Hole (high up, left) and pair production around black holes.

# No Fermion Information Loss in Black Holes by Fermion Repelling Horizon.



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>

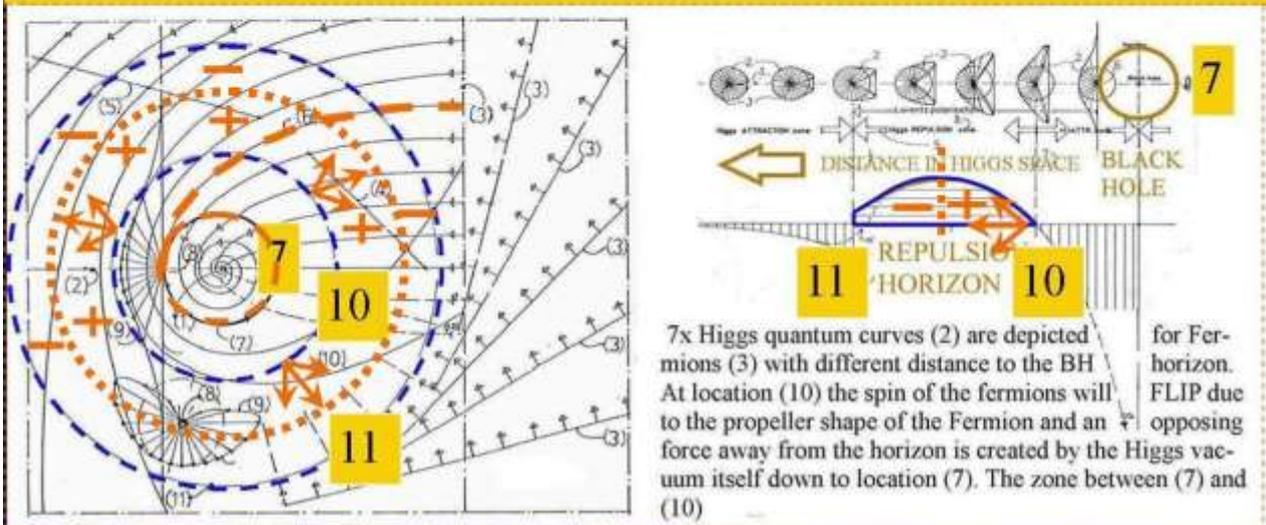
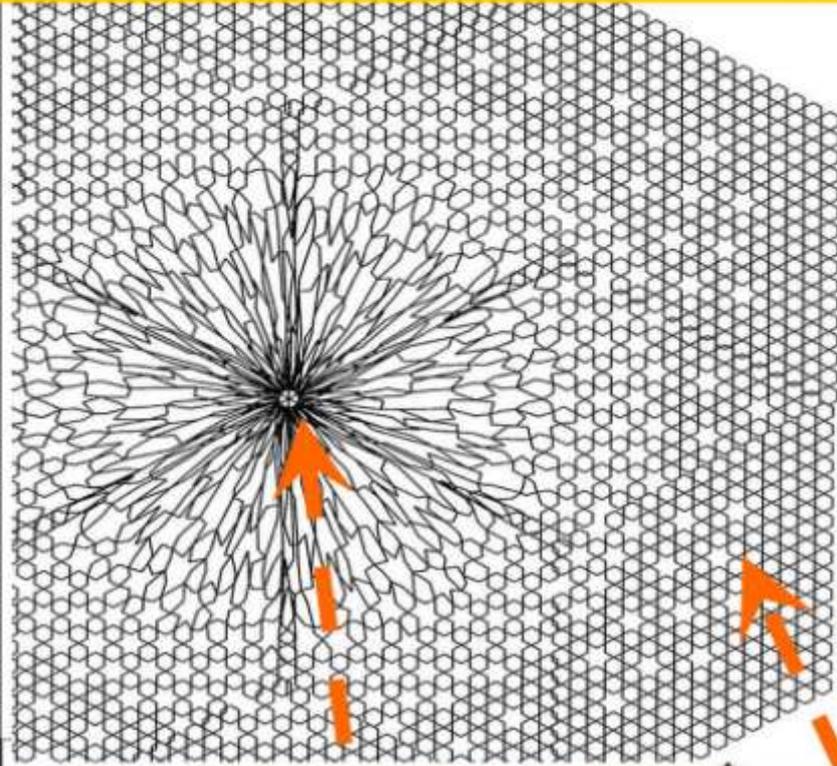


Figure 9, Electric Dark Matter Black Holes (EDMBHs) have a Fermion repelling horizon and are negative charged in our part of the multiverse.

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



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)

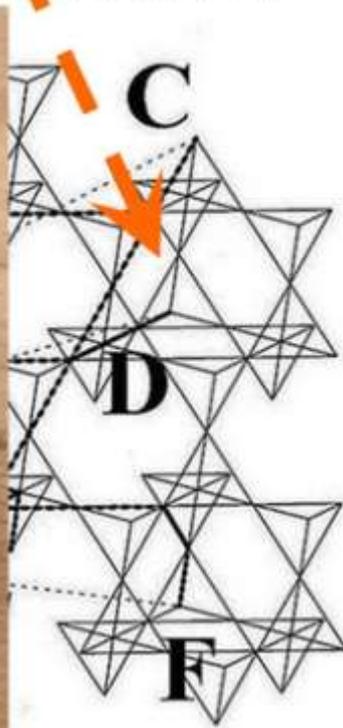


Figure 10, A stable black hole nucleus is large enough to “eat” the vacuum particles and grow by it.

## Astronomical mysteries.

“One of the big mysteries of this object (B1509 “The hands of God”) is whether the pulsar Fermion particles are interacting with the material in a specific way to make it look like a hand ( NASA)

In this paper I support the idea that the orange x-ray elements of B1509) represent a ring of star spot black holes ejected from the exploding star

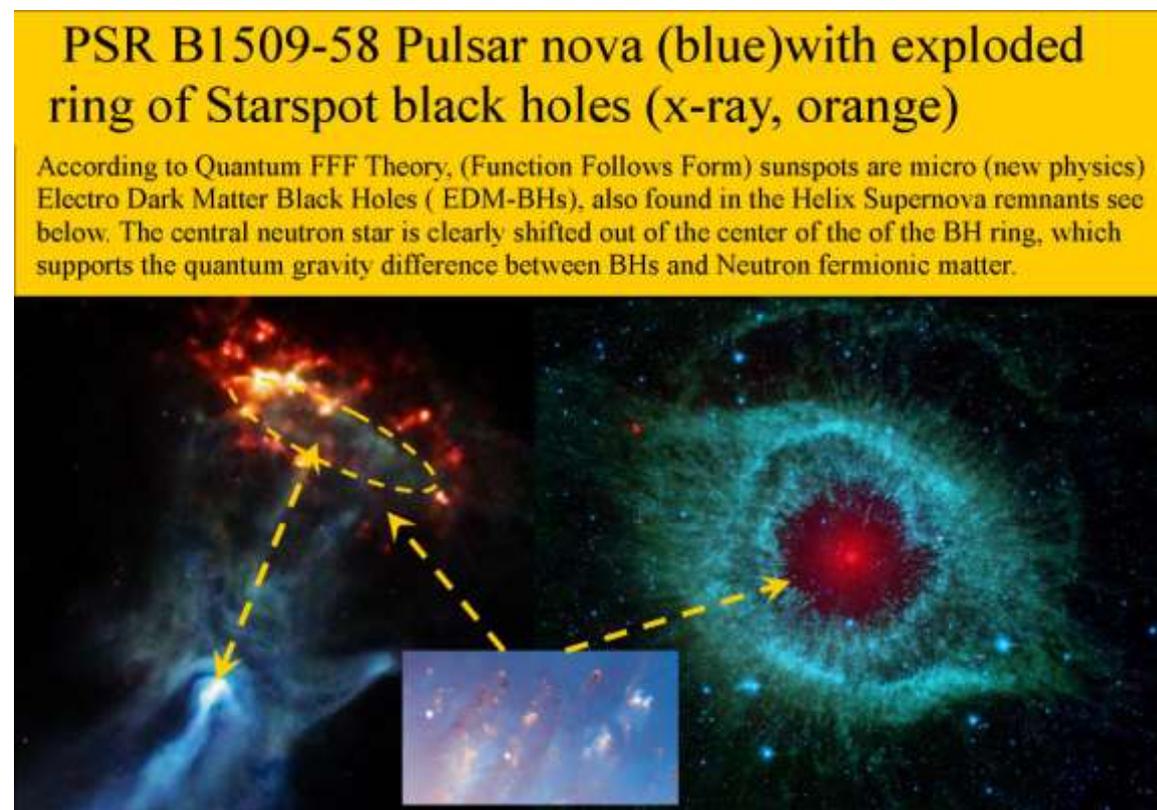
The micro black hole ring looks as hotspots accelerating away, with the white Pulsar (white) far relocated by the different quantum vacuum gravity effects on Fermion matter and Black hole nuclear matter, assumed to be a bunch of Higgs string particles with resistance in space for motion through the oscillating vacuum lattice.

In Quantum FFF Theory, (Function Follows Form) black hole nuclei are assumed to be a bunch of massless rigid strings compressed by the surrounding oscillating Axion-Higgs vacuum lattice. Fermion mass however is assumed to be created by the ongoing interaction with the same surrounding oscillating vacuum lattice including the collision production of photon/gluons and gravitons. Black hole nuclei can move through the vacuum lattice only by the deformation of its horizon system by horizon deforming and repelled plasma tails observed in so called Tadpoles, often found inside nebula.

Fermionic mass like neutrons however feel the gravitational influence of the local vacuum lattice polarization and graviton influence of local Fermionic matter.

In the shape of “the hands of God” ( B1509) we observe a clear relocation of the central Fermionic Neutron star ( white) and the ejected elliptic star spot black hole system (orange).

This in contrast with black hole supernovas where we observe often a symmetric ring or globular shell nebula around the just formed central black hole.



**Figure 11, The A-symmetric B 1509-58 nebula , and symmetric Helix nebula as examples of the difference between Fermion and Black hole Quantum Gravity effects.**

## Multiple Horizons created around Supernova Black Holes.

Proposal for the relation between different S-Nova shapes and the external primordial black hole configuration called Herbig Haro hotspot or Stellar Anchor Black Holes (SABHs)

Different Super Nova shapes are created around two star types:  
 A: Stars with distant "dual or quadrupole Stellar Anchor Black Holes" assumed to be located in the center of a former open star cluster. ( SN1987, NGC2440, Crab Nebula)  
 B: stars without SABHs. (SN1572) Our sun is equipped with two sunspot rings assumed to be of type A, with two SABHs, according to Quantum Function Follows Form Theory.

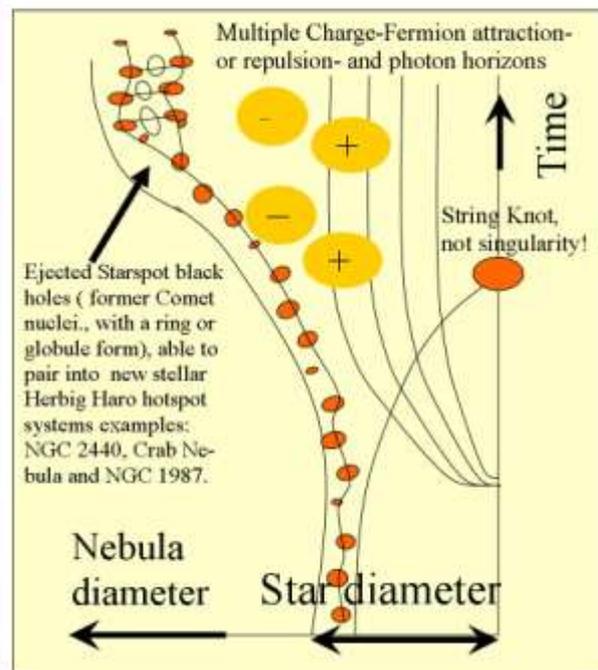
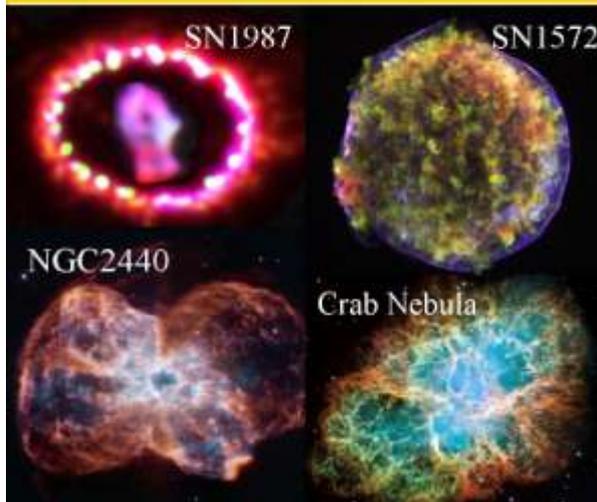


Figure 12, Other examples of Quantum Gravity effects on ejected rings of micro black hole starspots at work in different nebula .

## New physics black holes.

Complex galaxy / star evolution seems to be not only created by galaxy or star merging, but even by central galaxy- and stellar mass black hole chopping into two equal parts to form black hole based Hotspots for Herbig Haro systems or even for Double Radio Galaxies.

This process is supposed to be the consequence of the new physics Electric Dark Matter Black Hole (EDM-BH) principle of Quantum FFF Theory ( Function Follows Forms) and supported by observation of Triple Double Radio Galaxies and even by BH splitting in the Spire Eagle nebula. ( Figure 13)

The EDM-BH is assumed to contain a real particle nucleus of so called Axion-Higgs rigid transformable strings , which are compressed together by the pressure of the oscillation Axion Higgs vacuum lattice. Even the Big Bang nucleus is assumed to contain only compressed Axion Higgs strings which could explode into splinters and dual vacuum particles by the reduced vacuum pressure around the Big Crunch nucleus of a former universe.

There seems to be a EDM- BH Ratio related black hole ability to merge (see LIGO) or split into Equal parts if the dual BH ratio is smaller than a LIGO BH ratio boundary which will be found in the future.

Until now, the smallest LIGO ratio is found to be: 1/ 1.9. (or 0.52: LIGO 2016), however future LIGO results could shift this boundary to lower ratios. (Figure 13)

As a consequence for increasing galaxy- and star complexity there is a need for different sized primordial dual black holes instead of two equal sized.

Consequently for the first star formation between the equal BH hotspots ( bow shocks) of a Herbig Haro system , the equal nuclear mass/size ratio of both i black holes is important. ( fig 12)  
 Quasars such as Cygnus A are supposed to be a larger copies of a Herbig Haro system with larger BHs observed also as (radio) hotspots.

Markarian 231 seems to represent a large scale multiplying BH chopping system for symmetric so called Galaxy Anchor Black Hole ( GABH) complexity, forming a Triple-Double lobed Radio Galaxy (TDRG).

The Spire nebula of the seems to show a more complex BH. splitting process. ( Figure 13)  
 For 3D rigid string particle models.

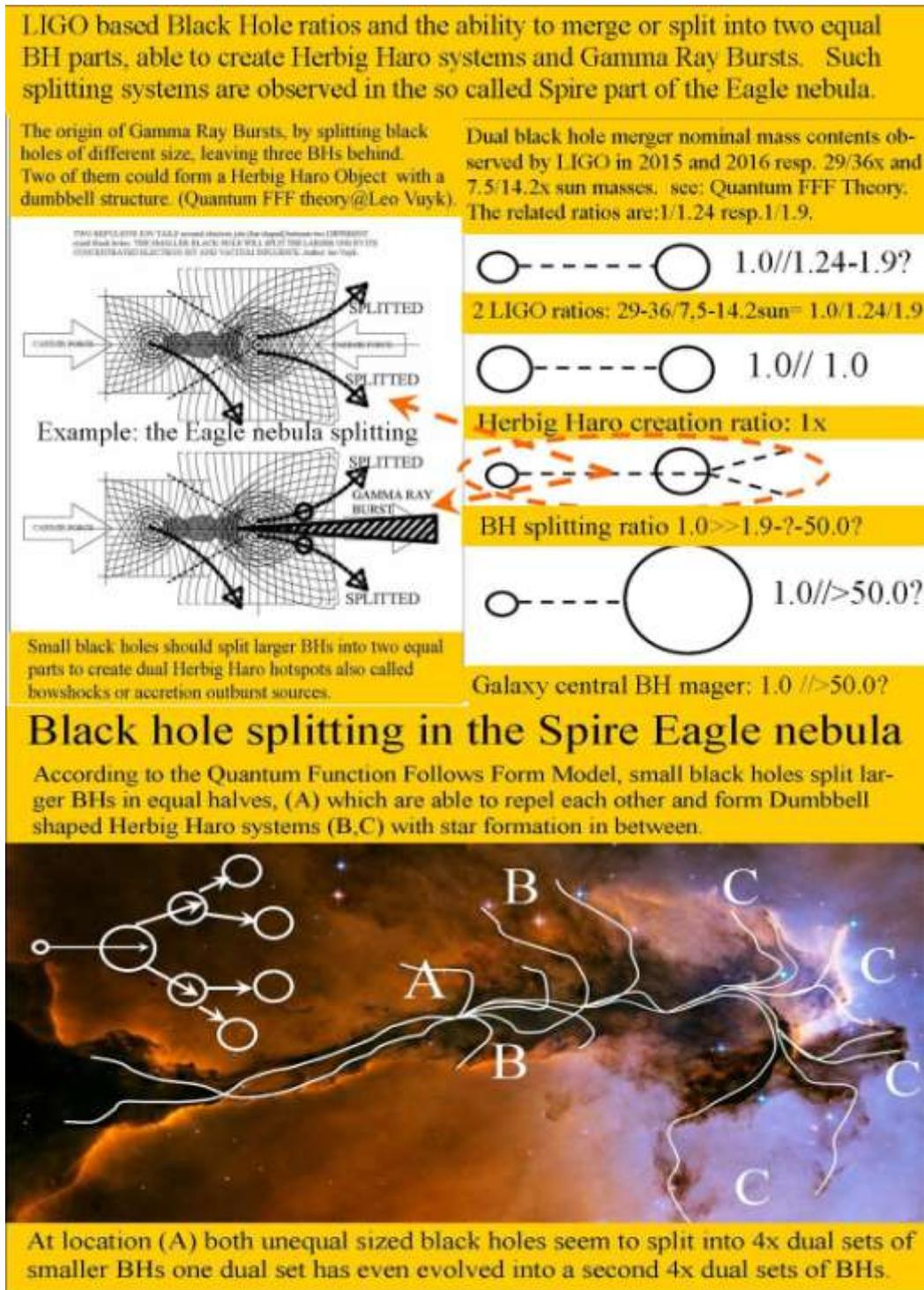
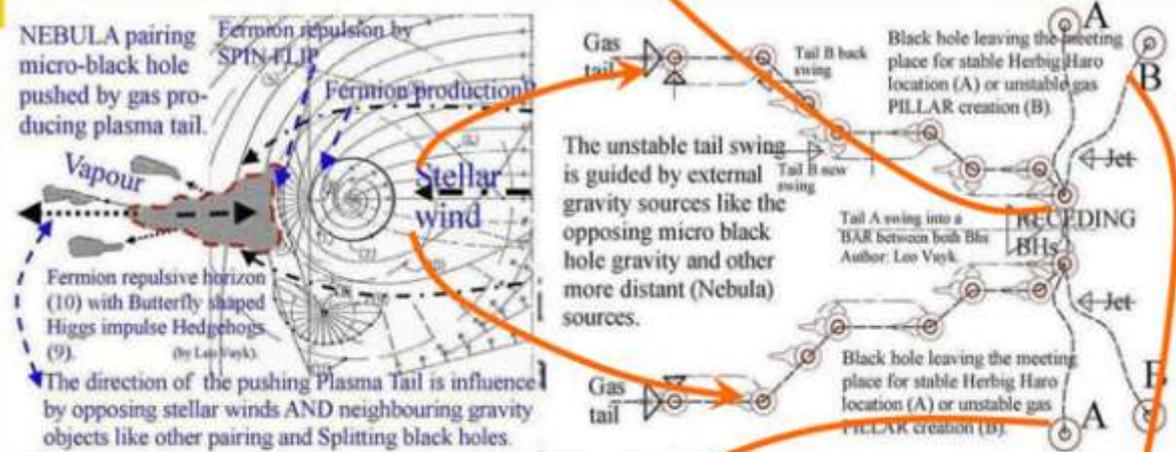


Figure 12, LIGO BH ratios and the BH multiplier splitting process in the Spire- Eagle nebula.

# Markarian 231 as the Infant Stage of Cygnus-A Quasar. By EDM Black Hole



EDM-BHs: Electric Dark Matter -Black Hole systems seem to be active at all scales.

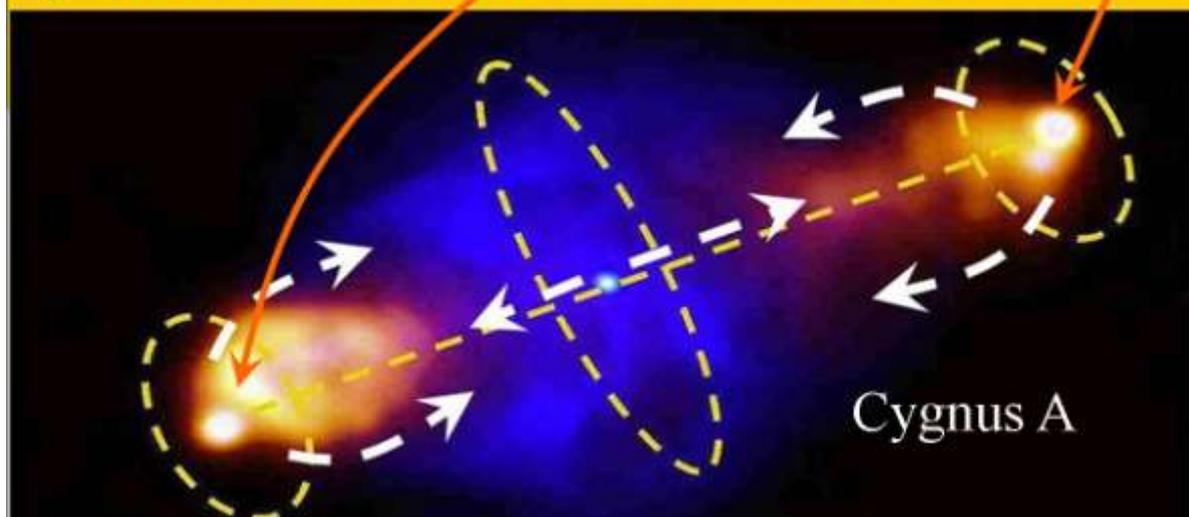
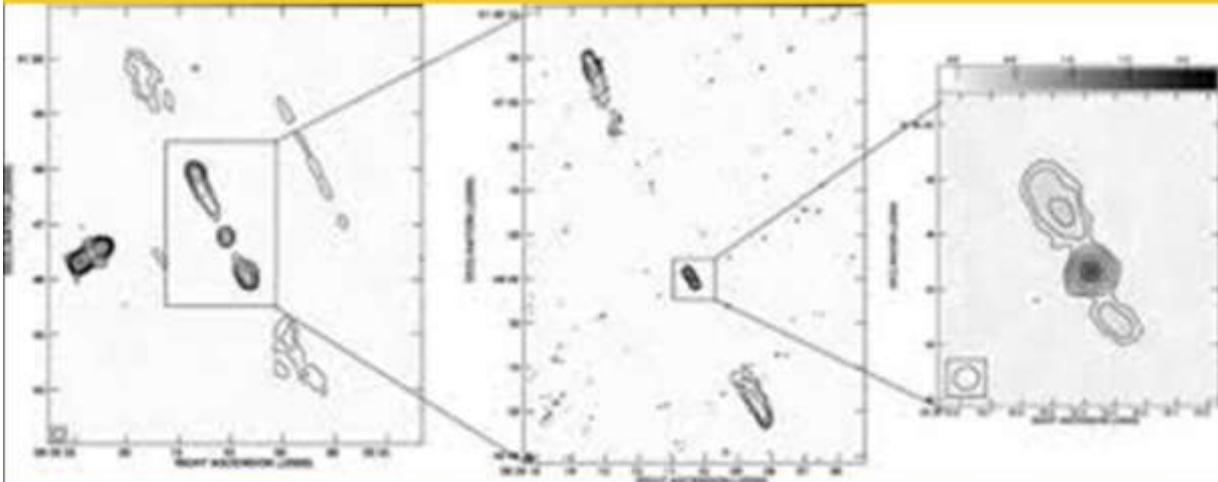


Figure 14. . the relation between Markarian 231 and other BH splitting systems

# Black hole splitting as the origin of spiral Galaxies after a double or multiple lobed Quasar process.

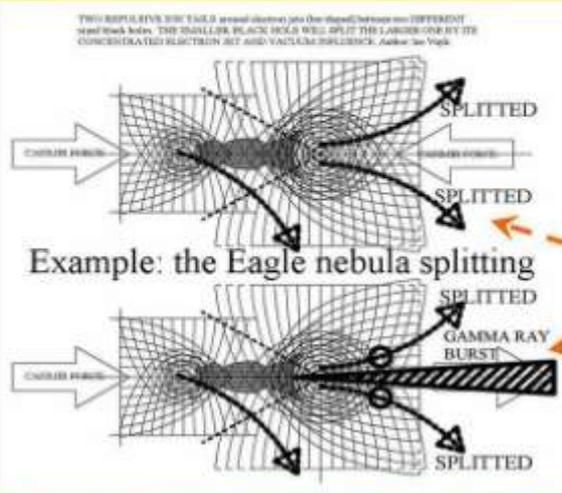


In Quantum FFF theory, stars and galaxies need at least two new physics Electric Dark Matter Black Holes (EDMBHs) for a Herbig Haro system (or dual lobed Quasar). However multiple symmetric lobed systems seem also possible by a repeated central black hole splitting process.

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.



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

$$\text{Small BH} \text{ --- } \text{Large BH} \quad 1.0 // 1.24-1.9?$$

$$2 \text{ LIGO ratios: } 29-36/7.5-14.2 \text{ sun} = 1.0 // 1.24/1.9$$

$$\text{Equal BH} \text{ --- } \text{Equal BH} \quad 1.0 // 1.0$$

$$\text{Herbig Haro creation ratio: } 1x$$

$$\text{Small BH} \text{ --- } \text{Large BH} \quad \text{BH splitting ratio } 1.0 \gg 1.9-?-50.0?$$

$$\text{Small BH} \text{ --- } \text{Large BH} \quad 1.0 // >50.0?$$

$$\text{Small BH} \text{ --- } \text{Large BH} \quad 1.0 // >50.0?$$

$$\text{Galaxy central BH Merger: } 1.0 // >50.0?$$

Figure 15, Markarian 231 at a larger scale with triple- double lobed radio sources.

# Quantum FFF Theory effects.

According to Quantum FFF Theory, early Galaxies have growing potential by the number and size of external primordial dark matter black holes initially formed as big bang splinters able to pair into Quasars with star forming galaxies in between the so coined “Galaxy Anchor Black Holes” ( GABHs) The galaxies can merge with other galaxy-systems into complex spirals and elliptical OR produce complexity by the BH splitting ( chopping) process. Irregular galaxies and Dwarf galaxies are supposed to be the result of secondary star forming interaction between GABHs.

After Supernova black hole production these smaller black holes are able to pair as hotspots or “bow shocks” into new Herbig Haro systems,.

If no galaxy merger candidates are available in the neighborhood, or no BH ratio differences are able to split larger BHs into two halves for HH systems, then galaxy will soon reach a maximum size and die. (dead galaxies: figure 21)

Also according to Quantum FFF ( Function Follows Form) Theory, all star forming molecular clouds are the result of one or more Herbig Haro systems, equipped with so called dual hotspots which are assumed to be the result of dual new physics “electric dark matter black holes” in contrast with general accepted black hole theories. As a consequence there is a great misconception in mainstream Astronomical theories.

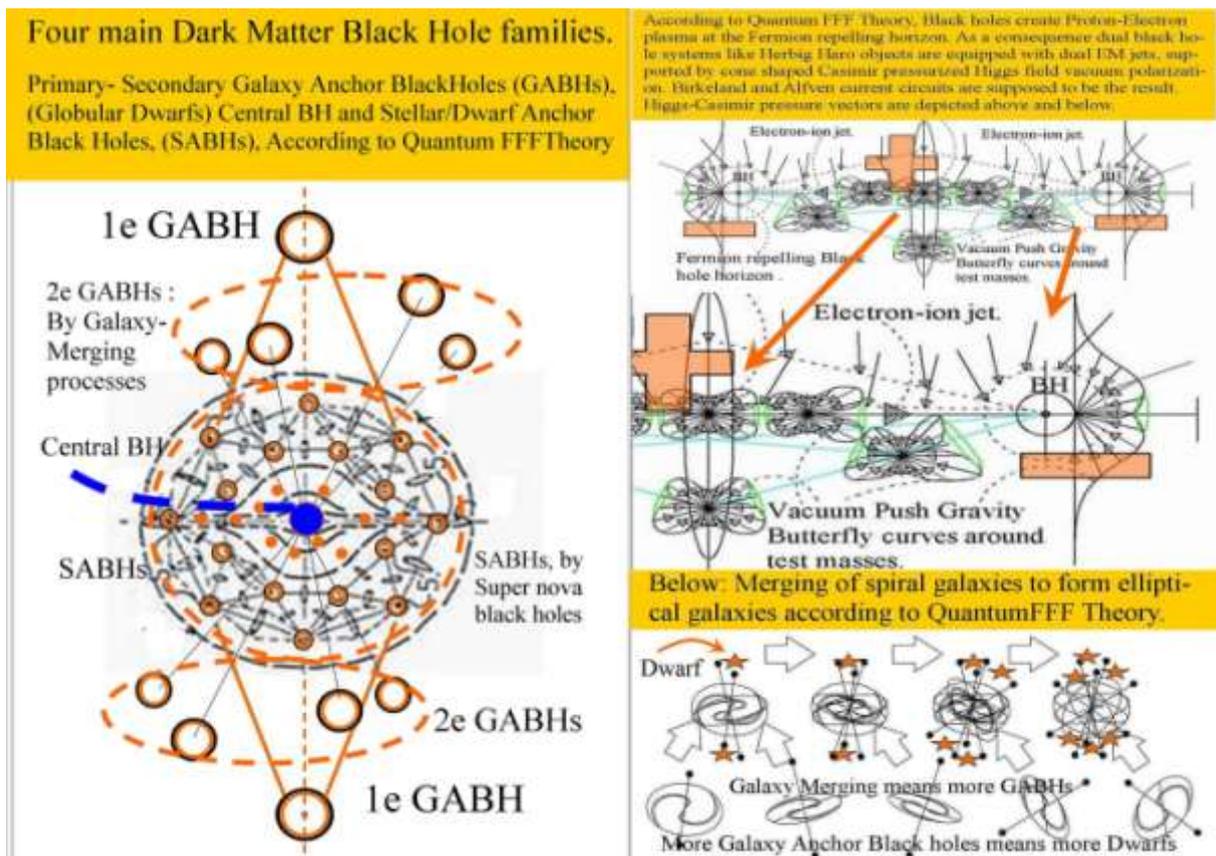


Figure 16, GABHs as the largest unit of Dark Matter black hole families

According to Quantum FFF Theory, the Big Bang can be described as the explosion of a giant Dark Matter Black Hole nucleus which is assumed to contain all the particles and smaller black hole nuclei of a former multiverse after a big crunch process.

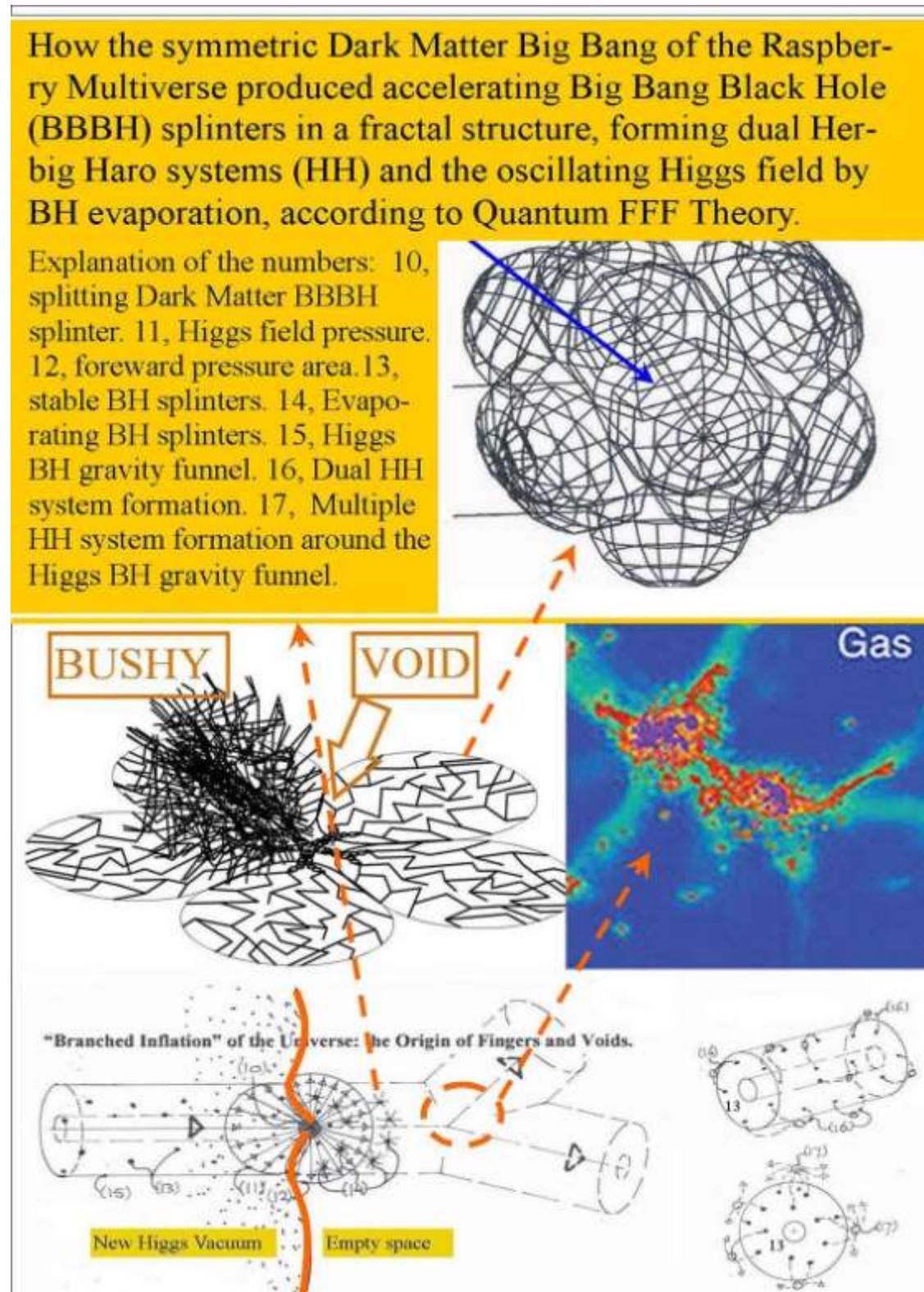


Figure 17, BBBH , the Big Bang Black Hole splintering into smaller BHs and evaporating into the oscillating Axion Higgs Vacuum lattice .

## The Big Bang Inflation epoch.

In contrast with the standard inflation model, in Q-FFF Theory, the inflation is described as the splitting and evaporation process of the Dark Matter Big Bang Black Hole Nucleus.

The splitting travelling process is also a pairing process into Herbig Haro systems forming stars and galaxies along the Lyman Alpha forest.

The evaporation process is assumed to be responsible for the evaporation of single Axion Higgs field particles from the BB nucleus, to form the self energetic oscillating Vacuum lattice. ( fig 17)

The smaller exploded black hole splinters ( fig 19, 20) are assumed to be responsible for the fractal

structure of the universe by splitting in succession into smaller nuclei to pair and form huge primordial Herbig Haro systems ( Quasars) with star and later galaxy formation in the middle between the stable paired equally sized hotspot black holes.

After supernova explosions of the large early giant stars, new black holes are formed which are supposed to be able to form smaller dual Herbig Haro systems by splitting processes.

By the ever reducing black hole nuclei als smaller star formation in between will be the standard process as a start for the internal structure of the spiral galaxy.

At the same time such a splitting and pairing process is assumed to happen at all scales in the current universe ( entangled copy mirror multiverse) even down to molecular clouds and even inside Bok globules.

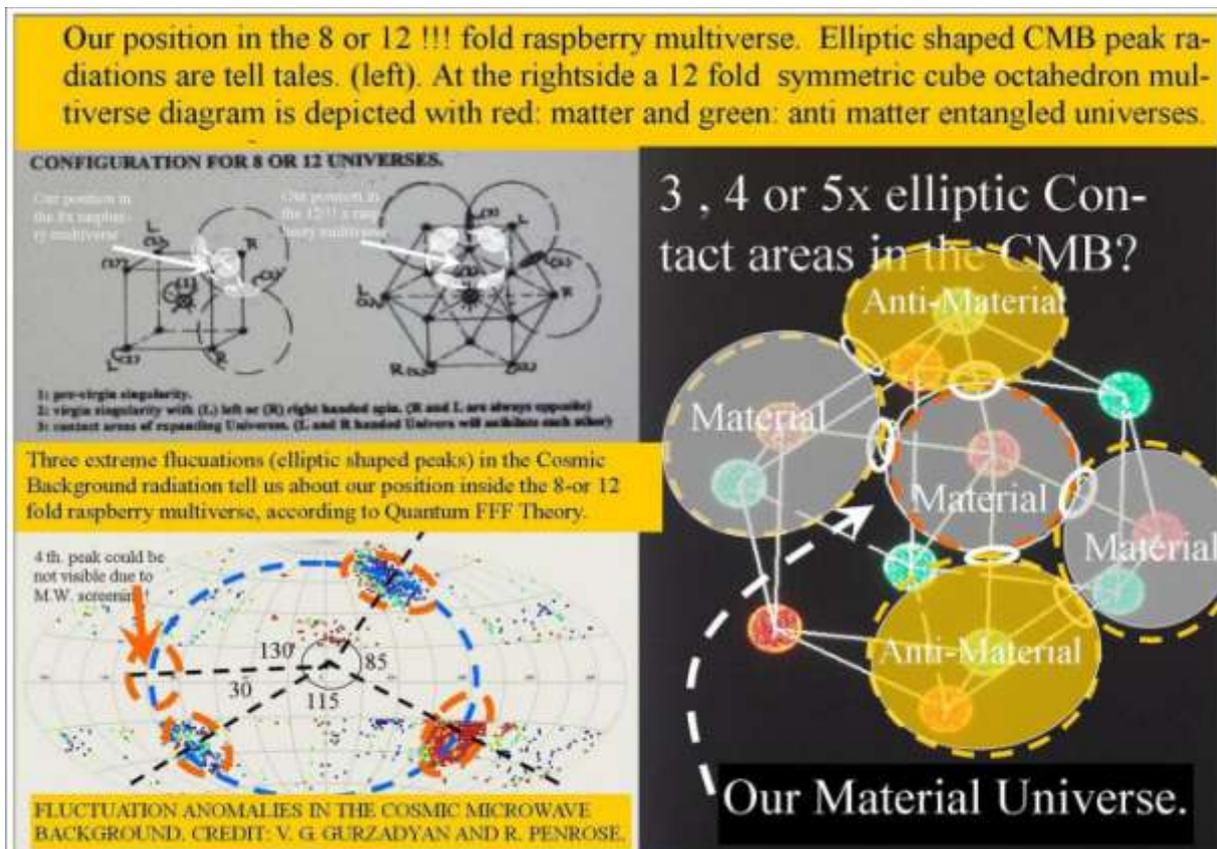
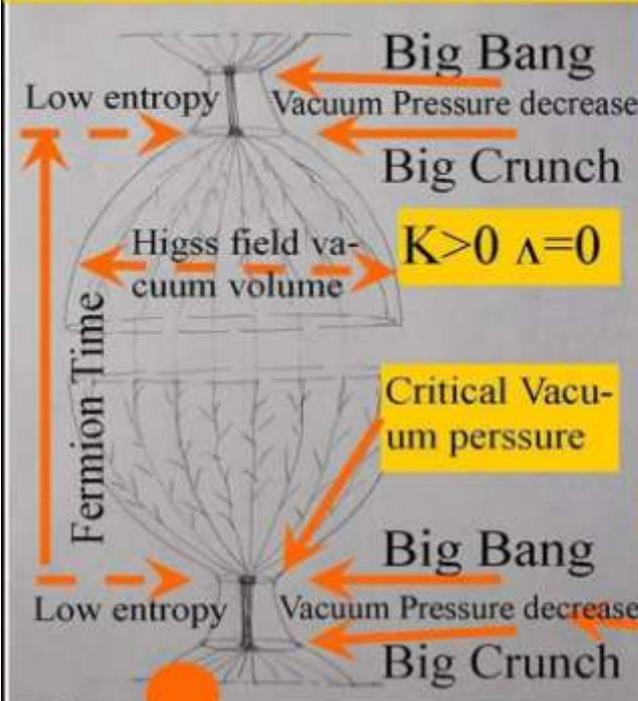


Figure 18, The Multiverse with 8-12 Charge Parity (time) symmetric Universal bubbles.

# 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.

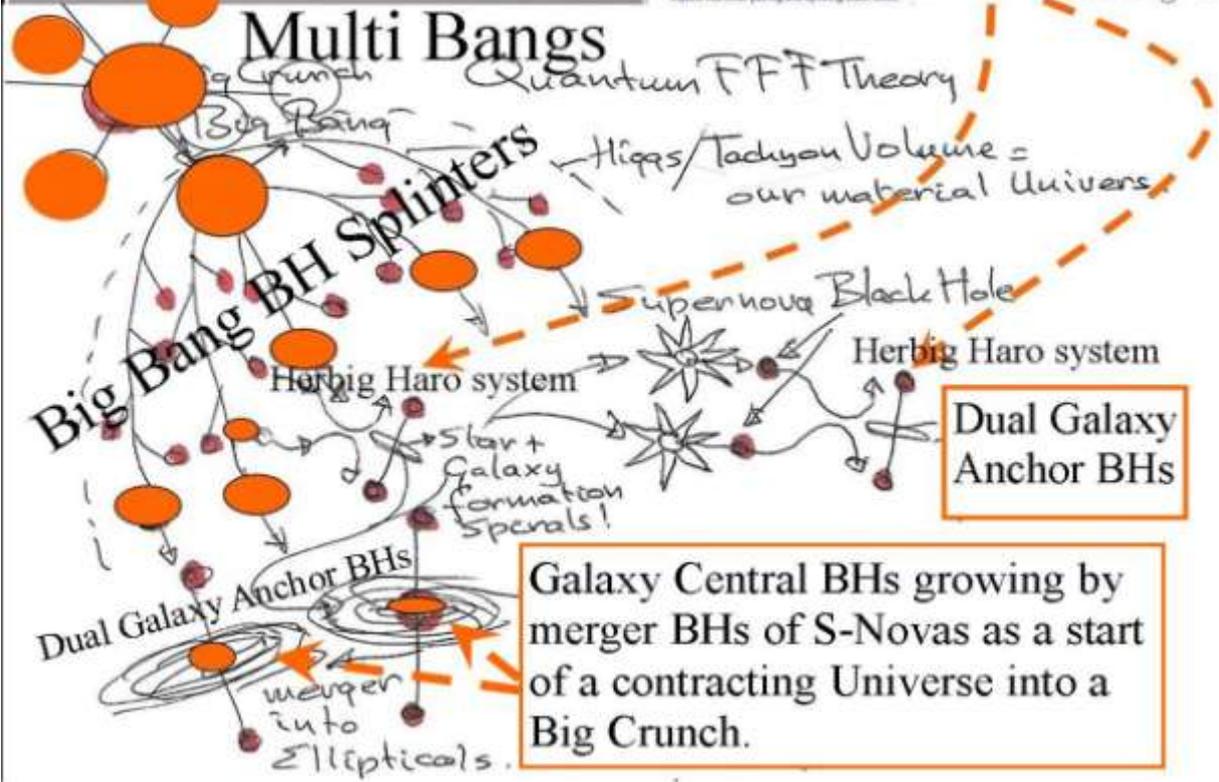
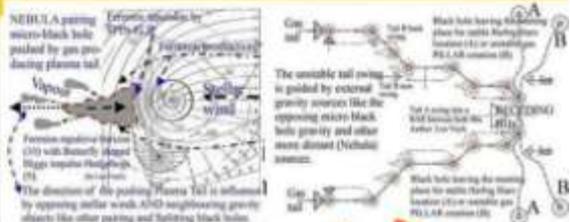
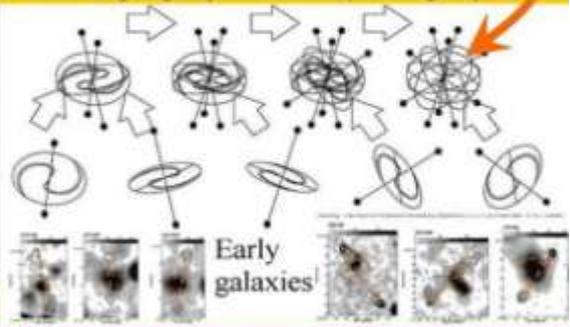
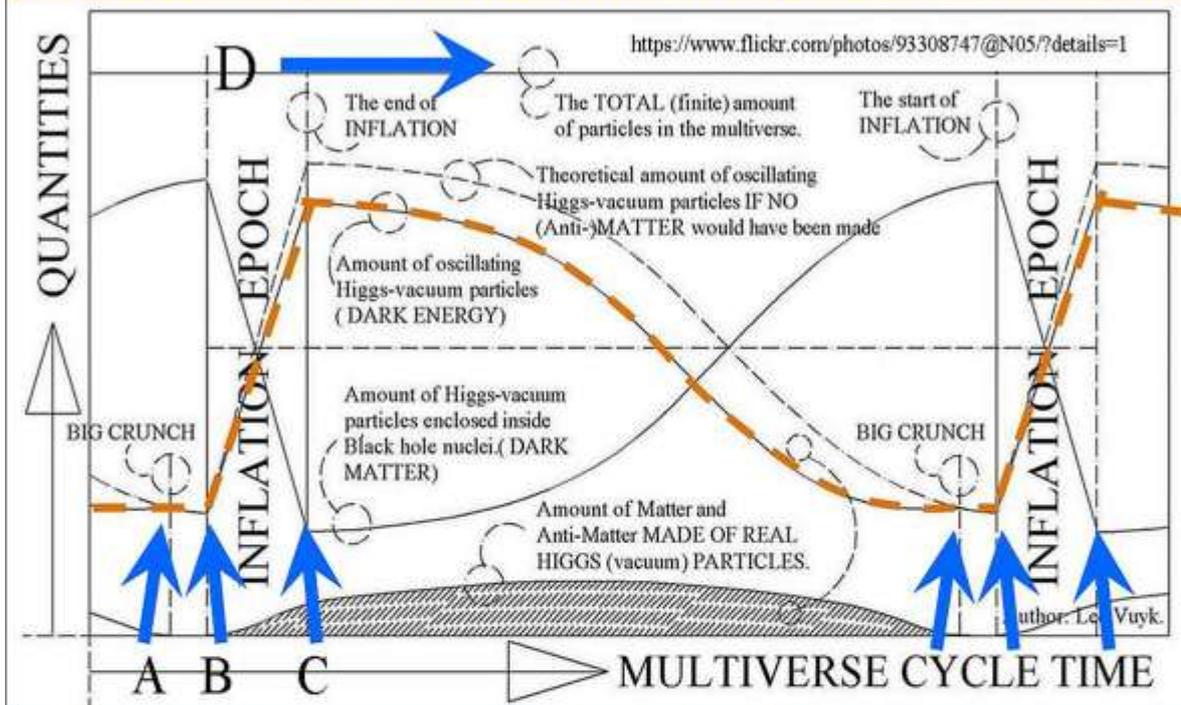


Figure 19, A Cyclic Multiverse bubble.

## The Beginning and End of Time.

Multiverse cycle time versus quantities of mass carrying particles, Dark Matter Black Hole particles and Dark Energy Oscillating Vacuum Lattice (Axion Higgs field) particles. All particles and fields are assumed to be based on rigid string particles. Negative and Positive charged Fermions should have propeller shapes with opposite pitch.



A: The end of matter based time. (Big Crunch) All rigid string matter is through merger Super Nova black holes concentrated into one BH nucleus, which is compressed by the remaining-but absorbing- deluting-dark energy vacuum. If the deluted vacuum pressure comes into equilibrium with the total internal string tension of the nucleus, the Big Bang BH splits symmetrical into 8 or 12 entangled BH nuclei.

B: The beginning of matter based time and the splitting of the Big Bang Black Hole string nucleus into series of minor secondary primordial BHs, building the fractal shaped Lyman Alpha Forest and the start of dual pairing BHs into primordial Herbig Haro systems with vast galaxy formation in between.

All New physics BHs (even micro interference BHs) are postulated to create not only pair production at the horizon, but even entire protons. (plasma)

C: The end of primary Big Bang black hole splitting and the end of vacuum expansion (vacuum inflation)

D: The Total number of particles during the cycle process is constant.

According to the Quantum Function Follows Form model.

Figure 20, The beginning and end of time, with an inflation era strongly differ from the standard model.

# The origin of “dead” galaxies: Simple external dark matter black hole configuration



According to Quantum FFF Theory, Galaxies have maximum growing potential by the number and size of external primordial dark matter black holes formed as big bang splinters able to pair into primordial Quasars or Herbig Haro like galaxy systems, which can merge with others. If no galaxy merger candidates are available in the neighborhood, the galaxy will soon reach a maximum size and die. Some Elliptic galaxies die also by reaching maximum merger potential.

Figure 21, The origin of Dead galaxies.

# 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 bonding source black holes, as the start of BH objects, in the Carina nebula, with temporary pairing phase (A) and normal phase (B). (Quantum FFF Theory)



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.

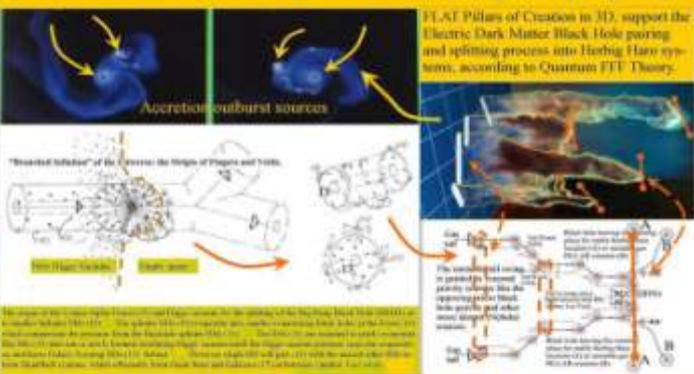
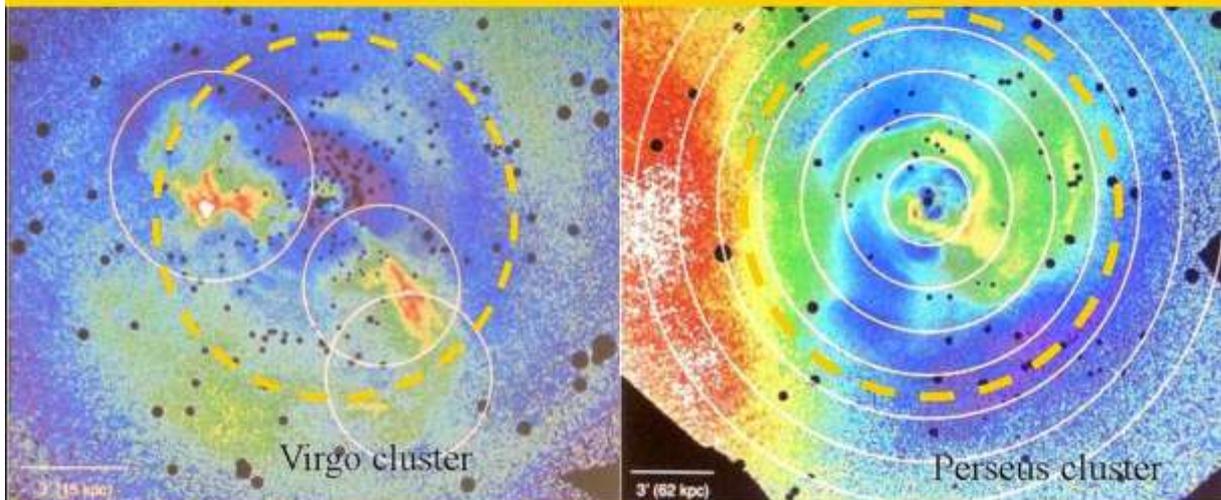


Figure 22, The great misconception in astronomy.

## 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.



Below: Example of the galaxy black hole hierarchy model observed at Andromeda (M31 below left) and the Sombrero galaxy (M104 right).

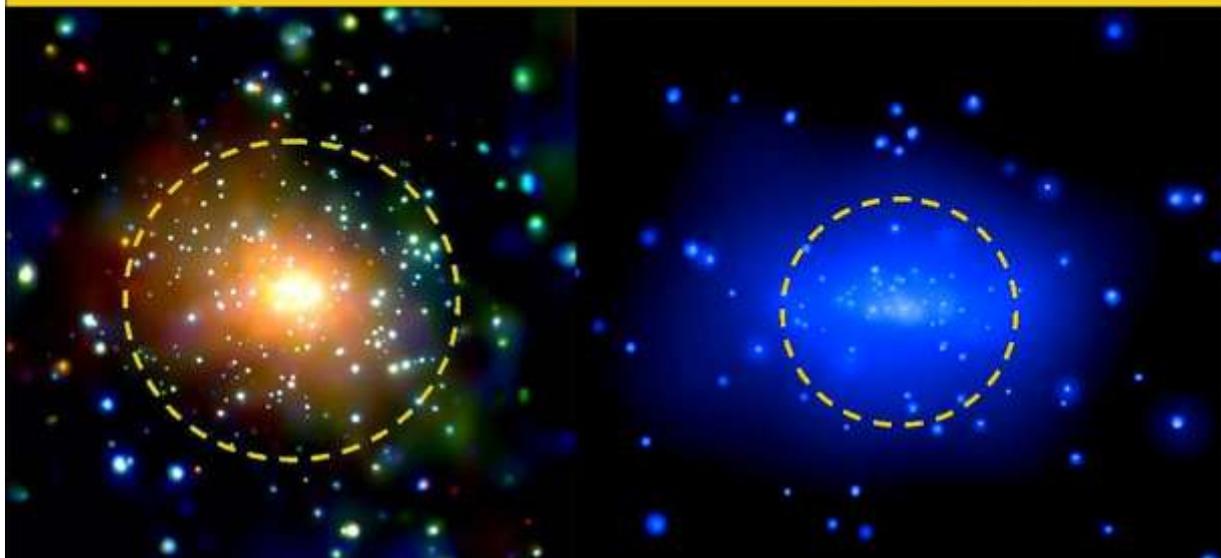


Figure 23, Star formation seem to shut down in the center of galaxies.

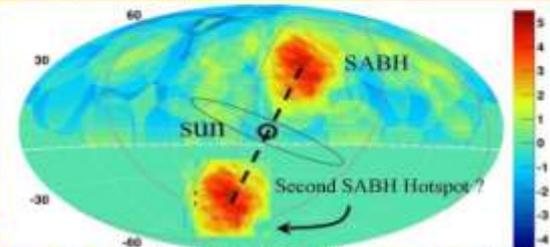
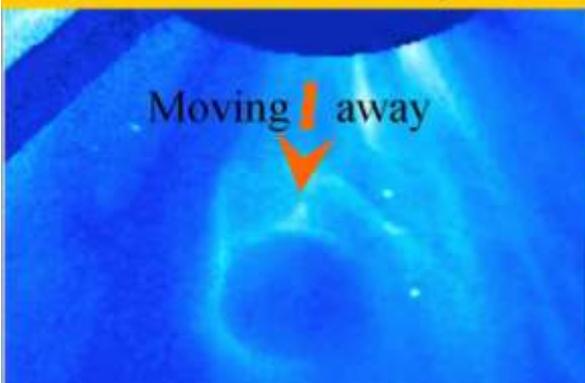
**SABH cosmic ray hotspots (electric dark matter black holes) as the origin and future slingshot accelerators of Brown Dwarfs expelled by the sun.**

New giant gas planets expelled by the sun, moving away to the south, into the direction of the Southern cross SABH hotspot.

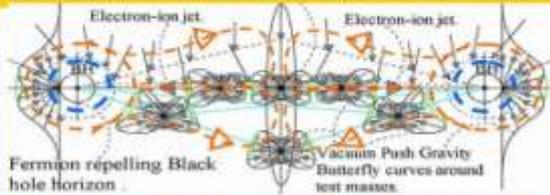
A hotspot for powerful cosmic rays found under the Big Dipper, by the University of Utah. The mysterious source of cosmic rays is also reason to look at the southern hemisphere to observe the opposing second Stellar Anchor Black Hole (SABH) (Cosmic ray production by NEW black hole paradigm according to Quantum-FFF Theory).



Dates 10Jan.2014 ( below) and 11March.2012 (above). "Brown Dwarfs ?" according to Q-FFF.



According to Quantum FFF Theory, "New Black Holes produce Proton-Electron plasma. By the strong Casimir vacuum push gravity on the BH, the "lighter" electrons will stay outside the "heavier" proton horizon (blue). As a consequence BHs have a strong electric potential, which is liberated by asymmetric processes in dual BH systems like Herbig Haro objects showing strong electro-magnetic effects in open cluster star formation and Hirkeland Alfvén circuits around the earth and even in the so called DICTEP 2 results.



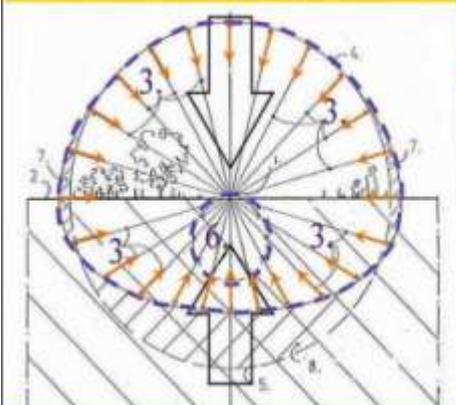
Scheme of the electric SABH principle around the sun.

Figure 24, Even the sun seems to have polar dual black hole Herbig Haro remnants and is able to produce and expel gas planets (failed stars) at this age.

**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 2D 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 global vector distribution. Field variables 3+6 are rendered as inversed arrows. (see also black hole pressure distribution without gravitons)

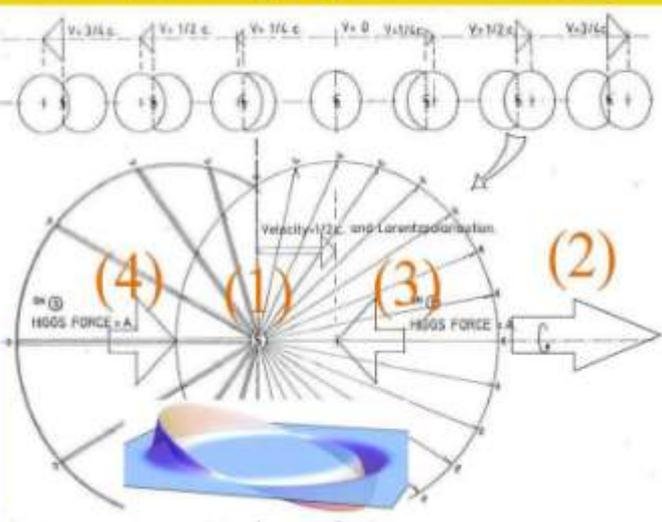


Figure 25, Quantum Gravity and Mass in motion. ( Quantum FFF Theory)

# Lorentz Fitzgerald Contraction is real!

A real Lorentz Fitzgerald contraction does not fit into Einsteins Special Relativity. However recent findings of atomic nucleons polarized into one fixed spacetime direction should tell us differently.

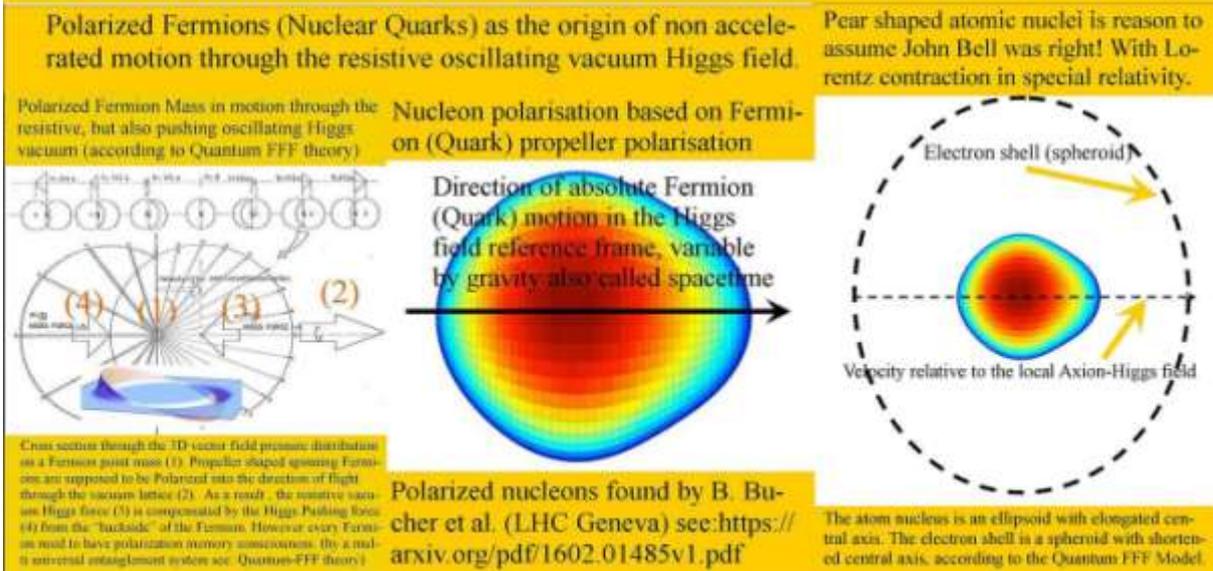


Figure 26, Lorentz Fitzgerald contraction is real ( John Bell)

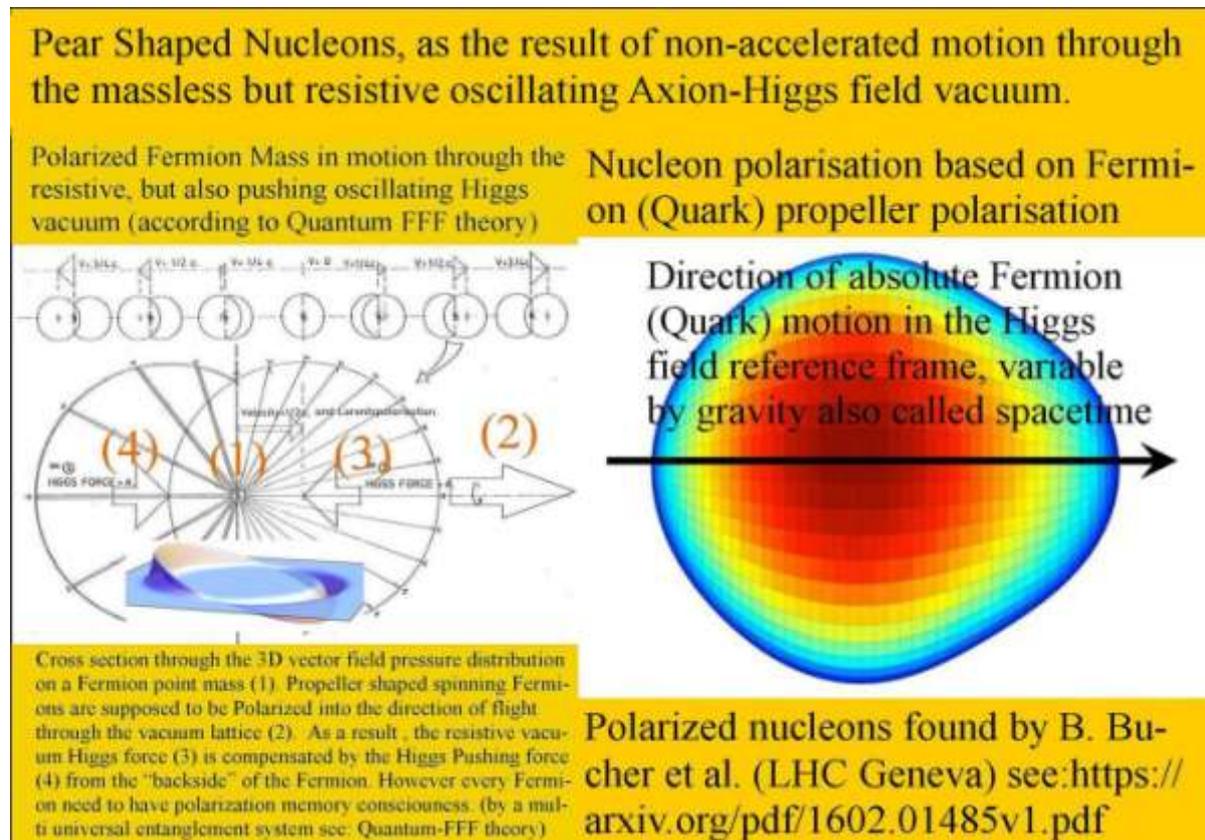


Figure 27, Lorentz Fitzgerald contraction by nucleon pear shaping.

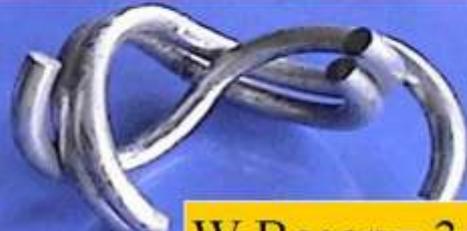
Why 125 GeV Higgs does not decay via 2x bosons into 2x Taus and 2x Bottom quarks? (see: Lubos Motl)

According to the Quantum FFF Model, 2x Taus and 2x Bottom quarks together need 10x electron/positron propellers (silver colored, see at the bottom below).

Light Higgses seem to decay into: (aa) 2x bosons containing 4x or 6x or possibly for ZZ bosons even 8x electron positron propellers.



Z Boson= 2x



W Boson= 3x



ZZ Bosons= 4x



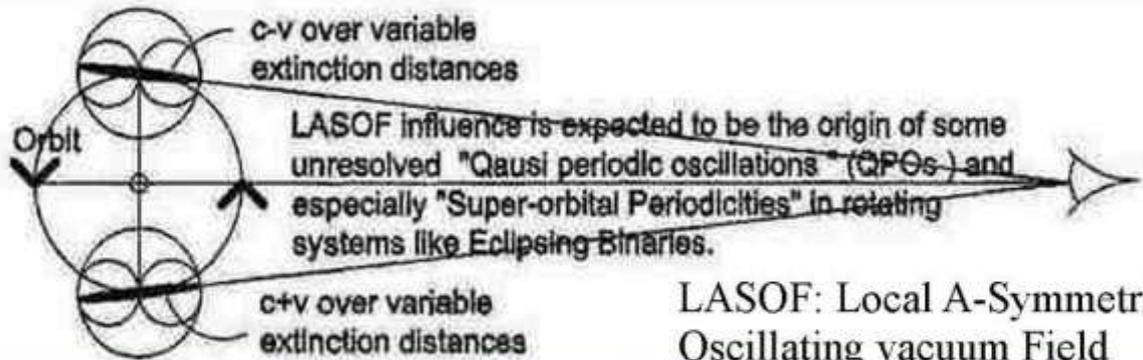
See below counting silver particles: 4x Taus = 8x elements, 2x Muon with 2x Taus = 6x. 2x Muon with 2x Bottom = 8x.!



6x BOTTOM quarks

Figure 28, Some examples of 3D particle structures according to Quantum FFF Theory.

LASOF Lightspeed ( $c \pm v$ ) extinction ellipsoid around massive objects as the origin of the anomalous Quasi Periodic Oscillations and the a-symmetric light curves called the O'Connell effect. According to Quantum FFF Theory.



Eclipsing Binary Stars are observed to be alternating red- or blueshifted with a wobbling redshift if passing in front of the other and called "QUASI PERIODIC OSCILLATIONS" (↘) Just like the passing of the SUN by VENUS (see I.I.Shapiro)

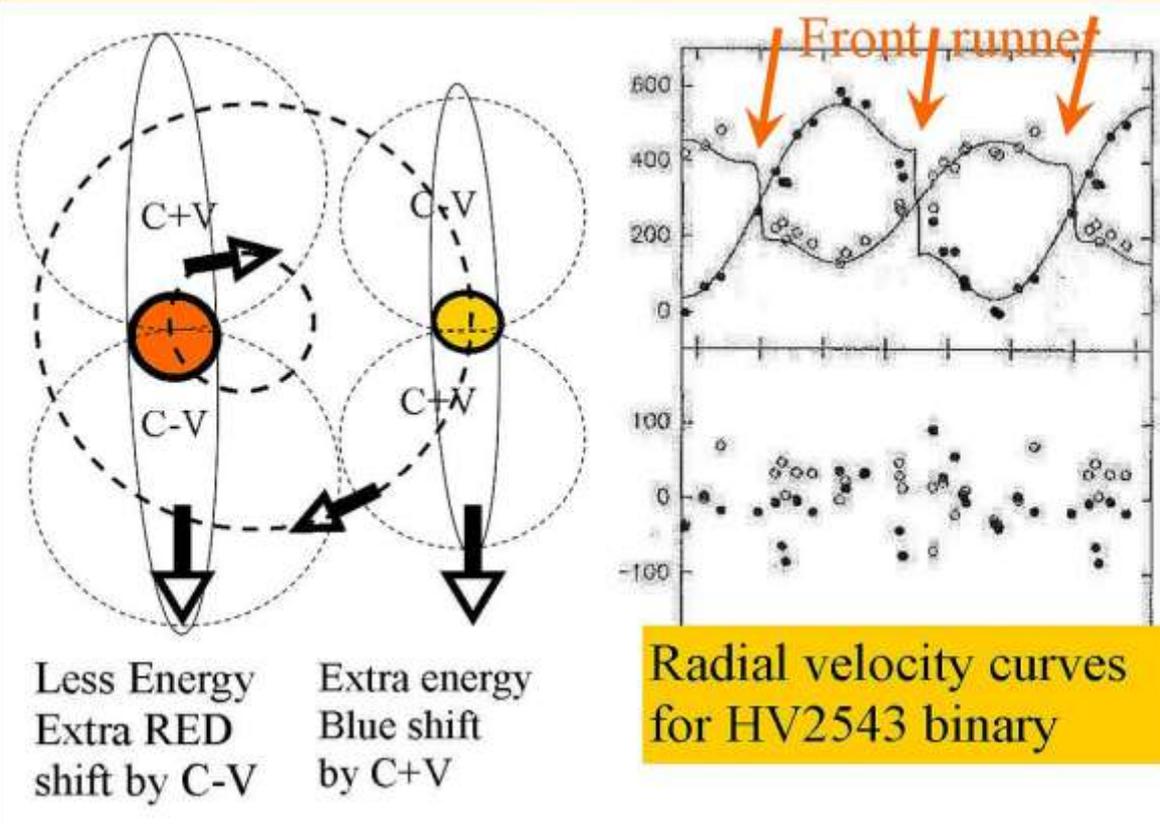
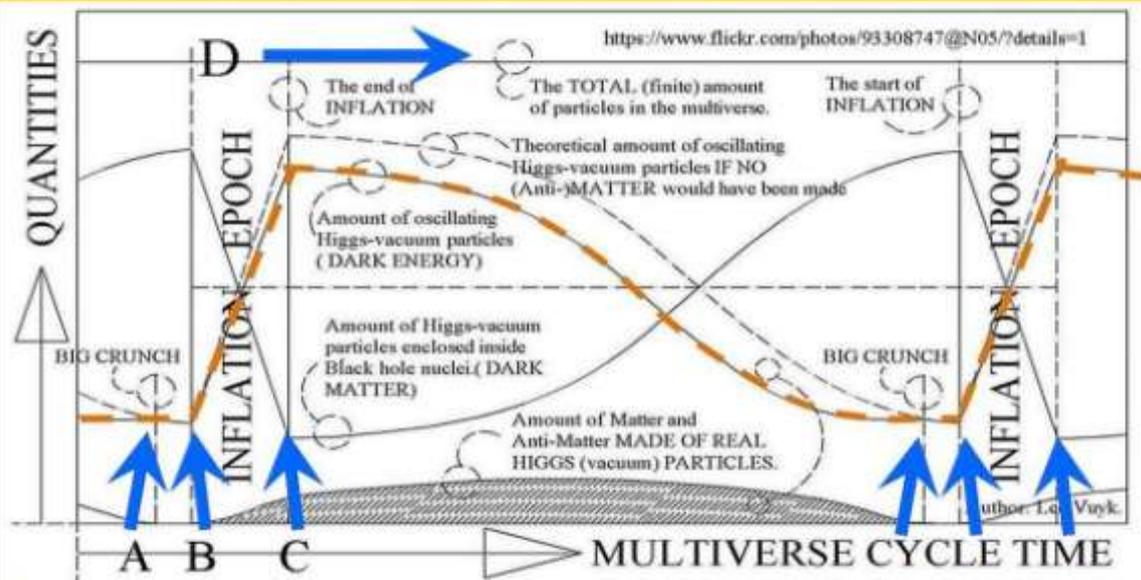


Figure 29, Lightspeed differences according to ( LASOF) Local Anti Symmetric Oscillating vacuum Frame model, around eclipsing binaries.



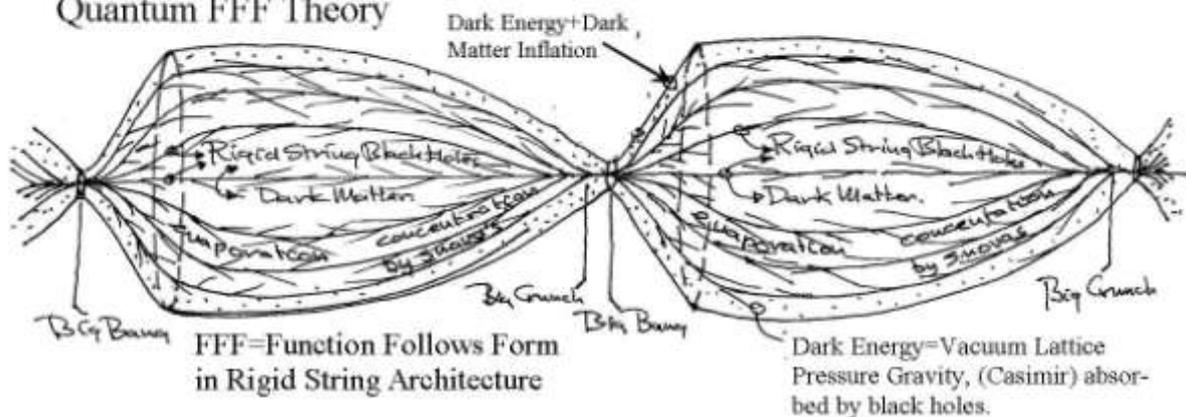
# The Bouncing Multiverse 3 -

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.



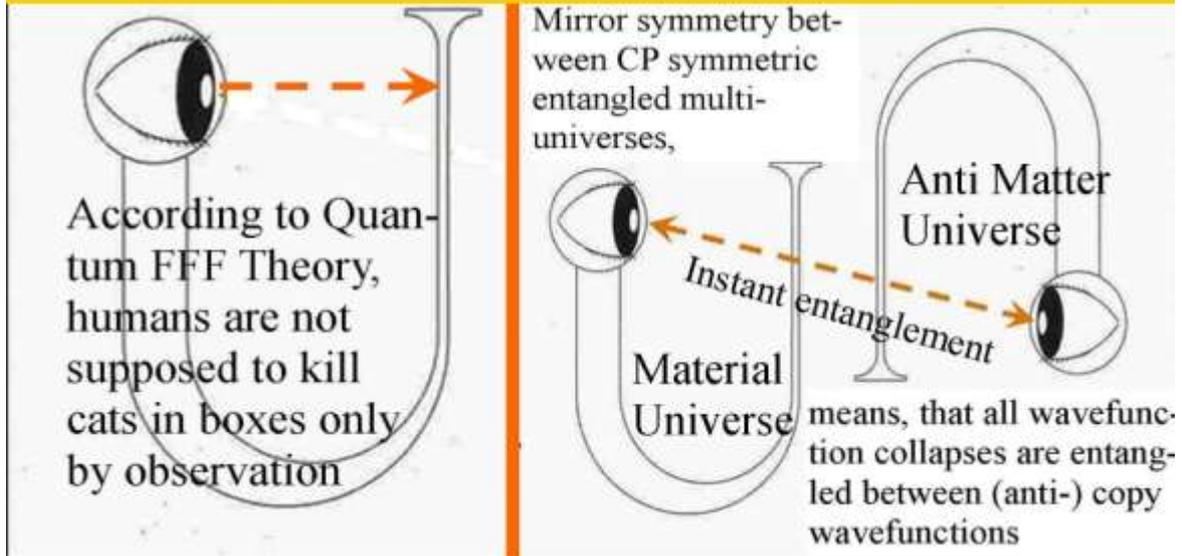
One bouncing universe of the Raspberry Multiverse depicted.

Quantum FFF Theory



The Raspberry Many Worlds Interpretation of Quantum Mechanics is based on an Fixed Number of Material and Anti- Material Universal bubbles.

In the accepted Many Worlds theory our Material Universe splits constantly every second at the quantum scale. However, in the Raspberry Multiverse, the Big Bang produced an even number of Charge Parity Super Symmetric entangled Universal bubbles.



Figure, 32. Entanglement between many symmetric universes, needed for the guidance memory of all particles.

2 Diagrams of a 12 fold Raspberry Multiverse showing preplanning (RPI) of one of the instant entangled copy subjects in the Benjamin Libet lab, with- and without a Veto action of one of the copy subjects (according to Quantum FFF Theory)

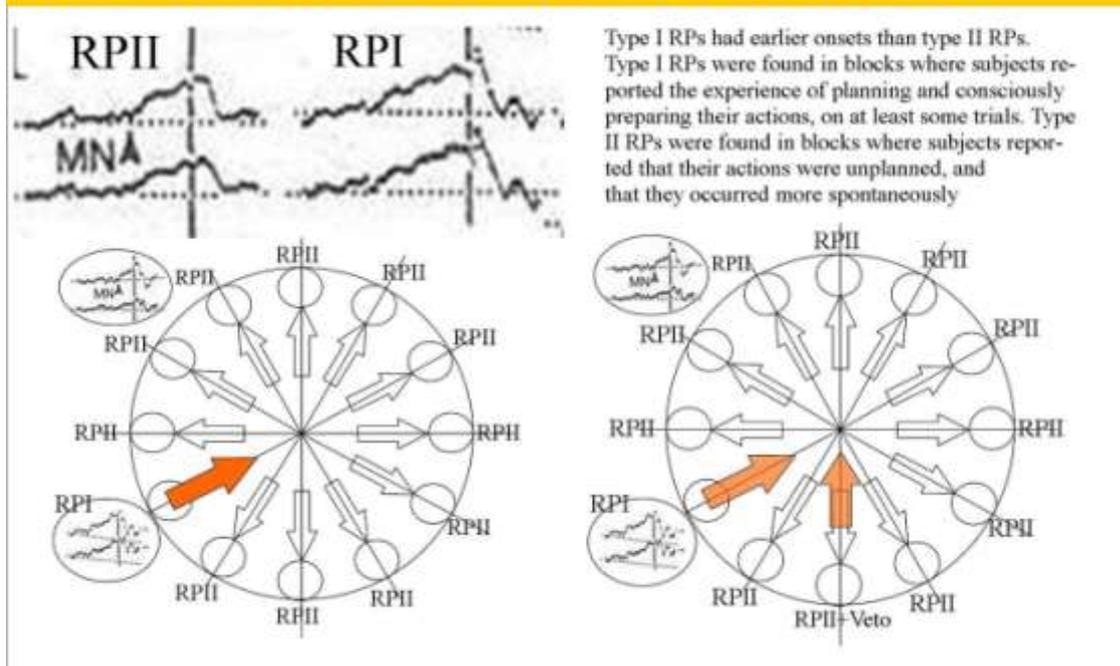


Figure 33, Quantum FFF Theory explanation of the difference between RPI and RPII ( R=Readiness potential) observed and published by Benjamin Libet around 1964. ( reference: 72: Democratic Free Will and Telepathy in the Instant Entangled Multiverse )

## 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 arrows). Close to the current transporting wire, the magnetic field strength is zero due to the parallel trajectories of North or South Photons before curvature and polarization 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 34,

## 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.

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 arrows). Close to the current transporting wire, the magnetic field strength is zero due to the parallel trajectories of North or South Photons before curvature and polarization of iron powder. (Author: Leo Vuyk)

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 35,

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!

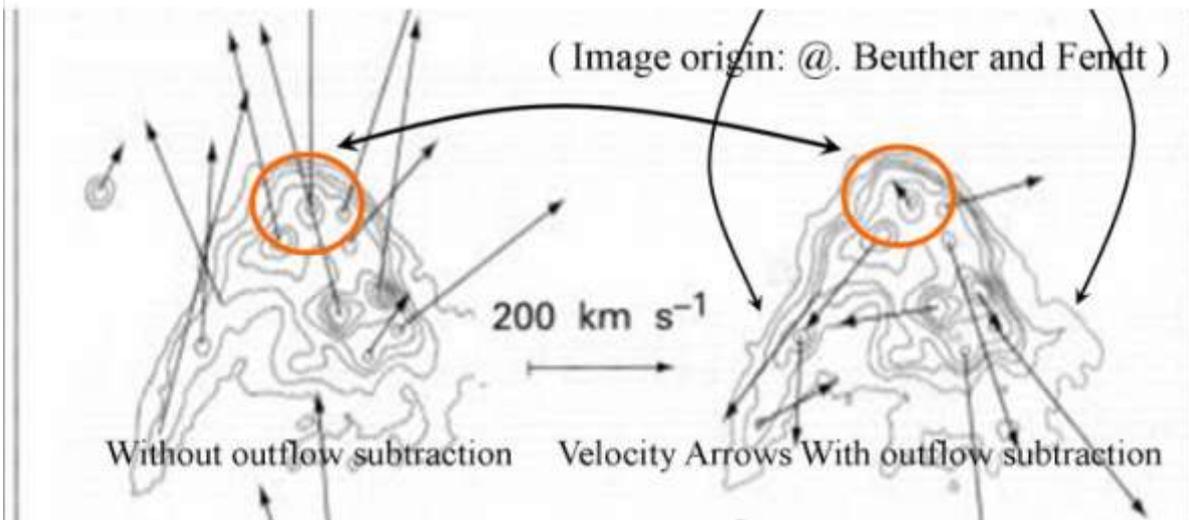


Figure 36,

### Dual Quasar/Galaxy Cluster Relation in the Early Universe

Stars indicate quasars and bright (respectively faint) galaxies at the same epoch are shown as circles (respectively as dots). The galaxy overdensity with respect to the average density is shown by the coloured contours. Quasar pair members are associated with high density regions of galaxies.

See: <https://www.sciencedaily.com/releases/2018/03/180313093054.htm>

Conclusion the dual Quasars represent Big Bang Black Holes.

Dark Matter Big Bang exploding into small dual (New physics) plasma producing DM Black Hole splinters as the origin of quick star formation, according to Quantum FFF Theory.

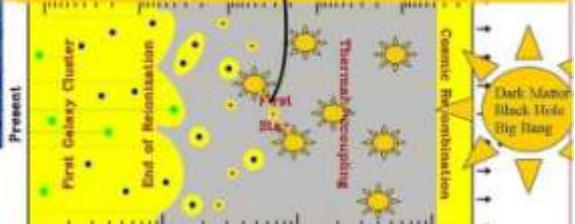
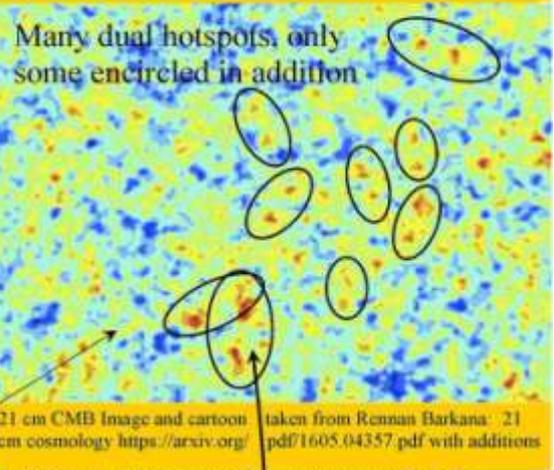
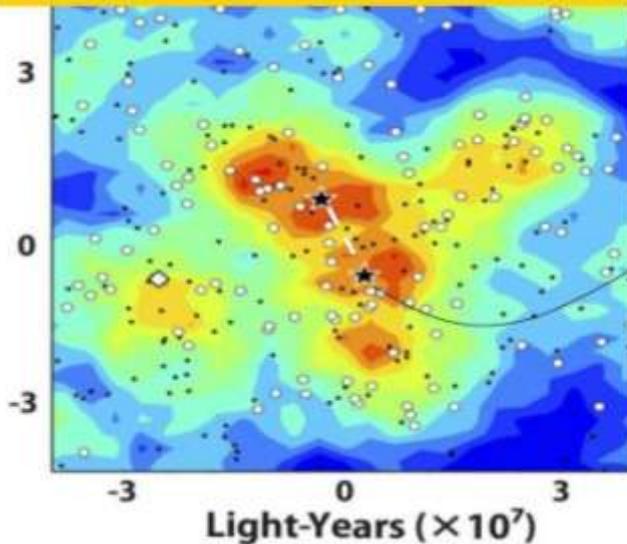
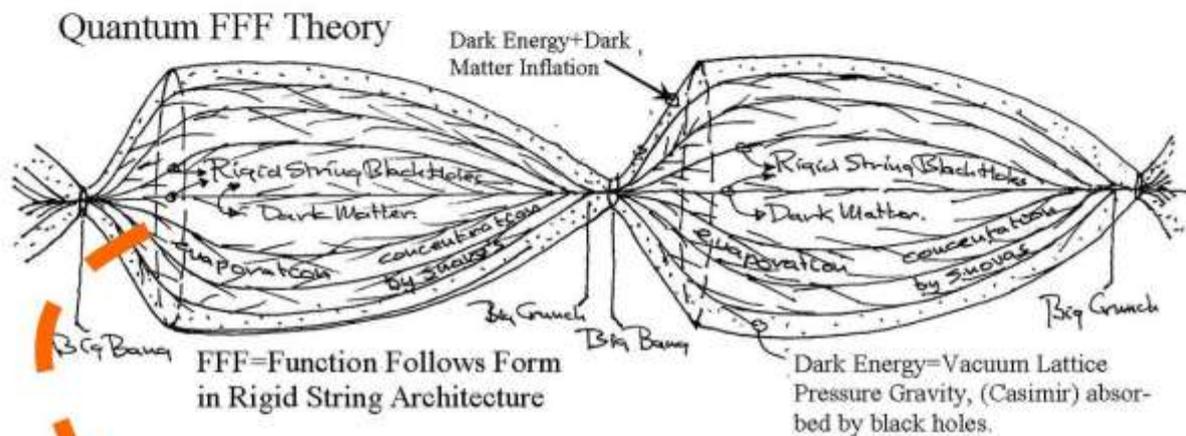


Figure 37,

# The Bouncing Multiverse 2a

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.

One bouncing universe of the Raspberry Multiverse depicted.



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

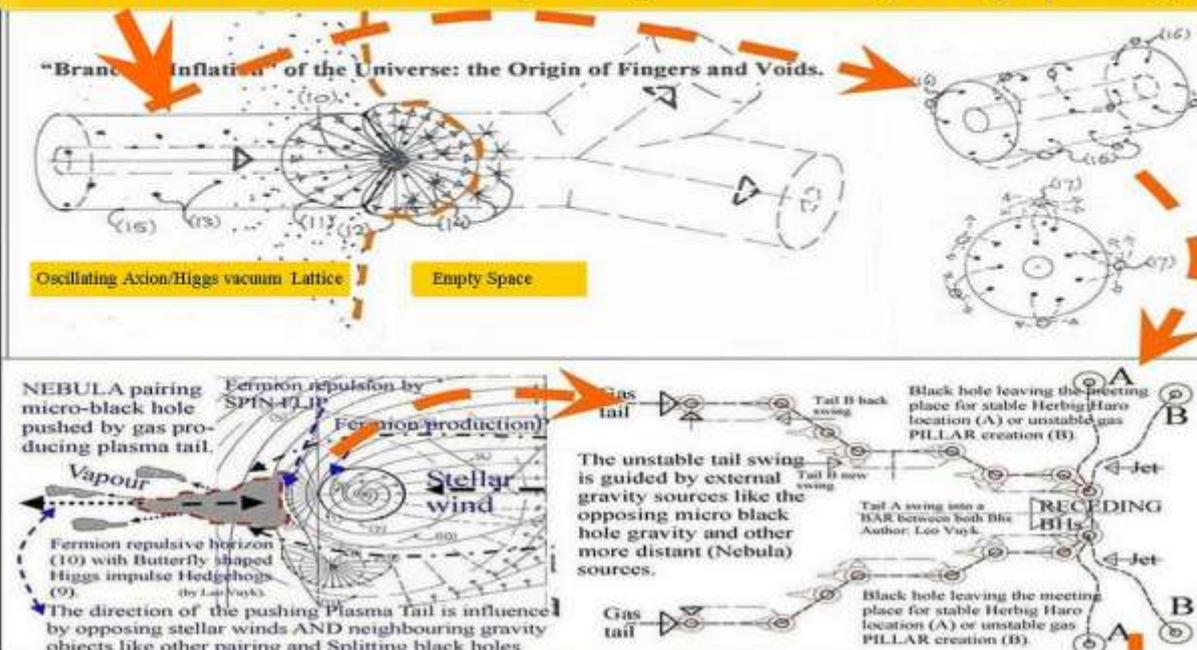


Figure 38,

## Calabi Yau propeller fermions inside the Axion-Higgs vacuum lattice

Chiral pyrochlore tetrahedral vacuum structure with oscillating Axion Higgs strings between nodes, are supposed to be the origin of Dark Energy of the vacuum, and the motor for all "eigen energies" of propeller shaped Fermions, ( according Quantum FFF Theory)

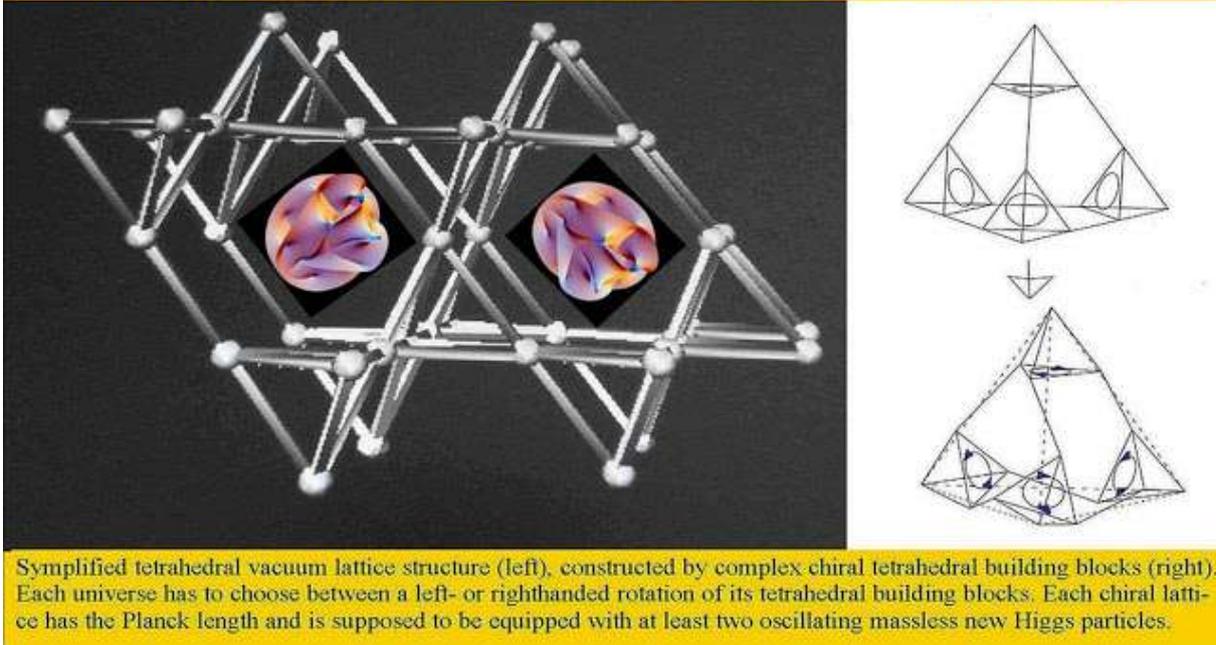


Figure 39,

## Not the radiation of the sun is origin of Comet 67P-CG plasma jets but a new physics micro dark matter black hole.

Comet P67 CG, evidence for local internal energy and plasma creation and ejection.

According to Quantum FFF Theory created by multiple internal new physics micro electric dark matter black holes.

Crater creation by internal icy Funnel Structures, suggested to be created by aligned Dark Matter BH point sources for Comet 67PCG.

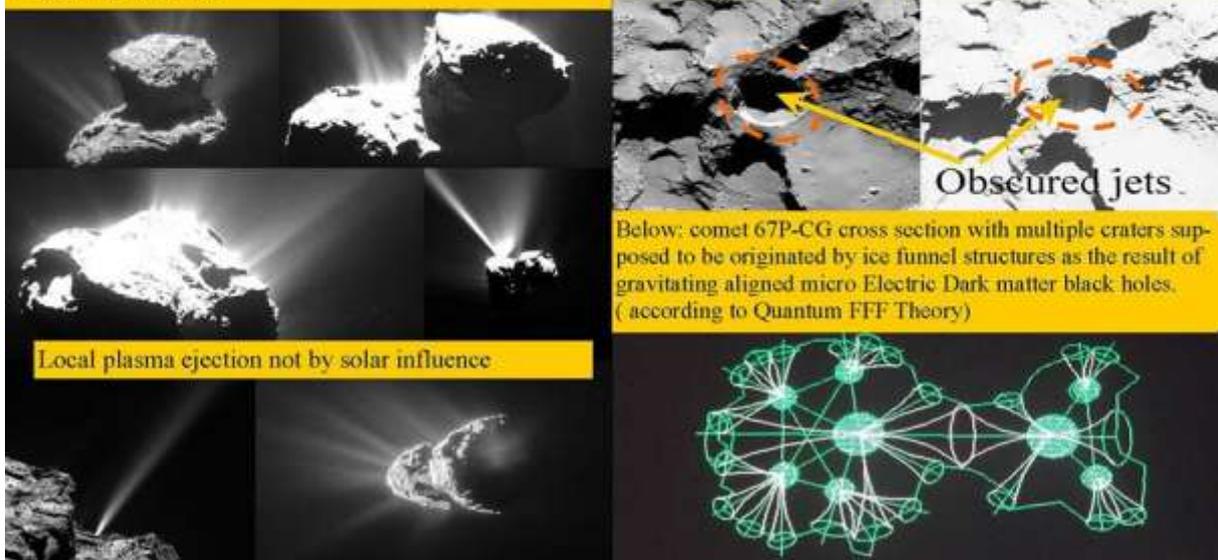
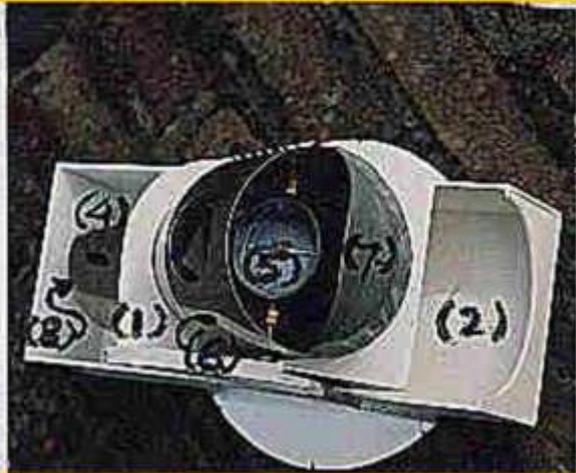


Figure 40,

# 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 Vayk. Location: Weesp the Netherlands.

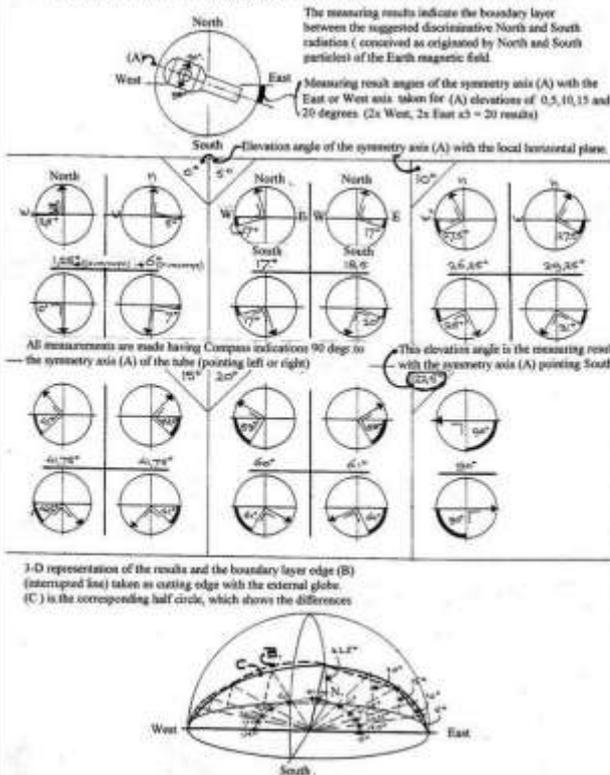


Figure 40,

The Butterfly oscillating Vector Casimir Vacuum seems to be able to transfer the Plasma Gas bubble fully into an electric Ringed Plasma Discs, and a spiral but focused jet, Parallel with Solar Birkeland currents (according to Quantum-FFF Theory.) However, no gas is reaching the stringy Black Hole Dark Matter nucleus ! Below right: comparison for bended jets with primary and secondary GABHs observable inside the Centaurus A jets.  
 see: <http://vixra.org/pdf/1903.0102v2.pdf>

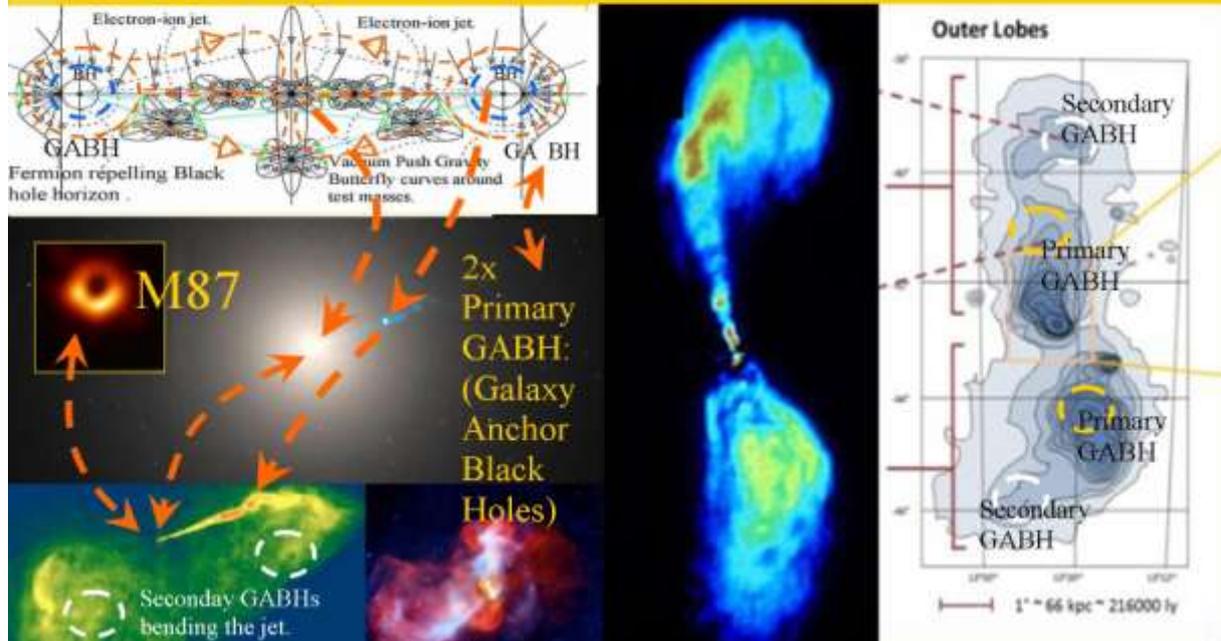


Figure 41,

“Electric Charged Dark Matter Black Holes” seem to be active at all scales, even as micro black hole sunspots! Examples: Sunspot-Herbig Haro-Quasar twin grouping of black holes compared below, according to Quantum FFF Theory. [http://vixra.org/author/leo\\_vuyk](http://vixra.org/author/leo_vuyk)

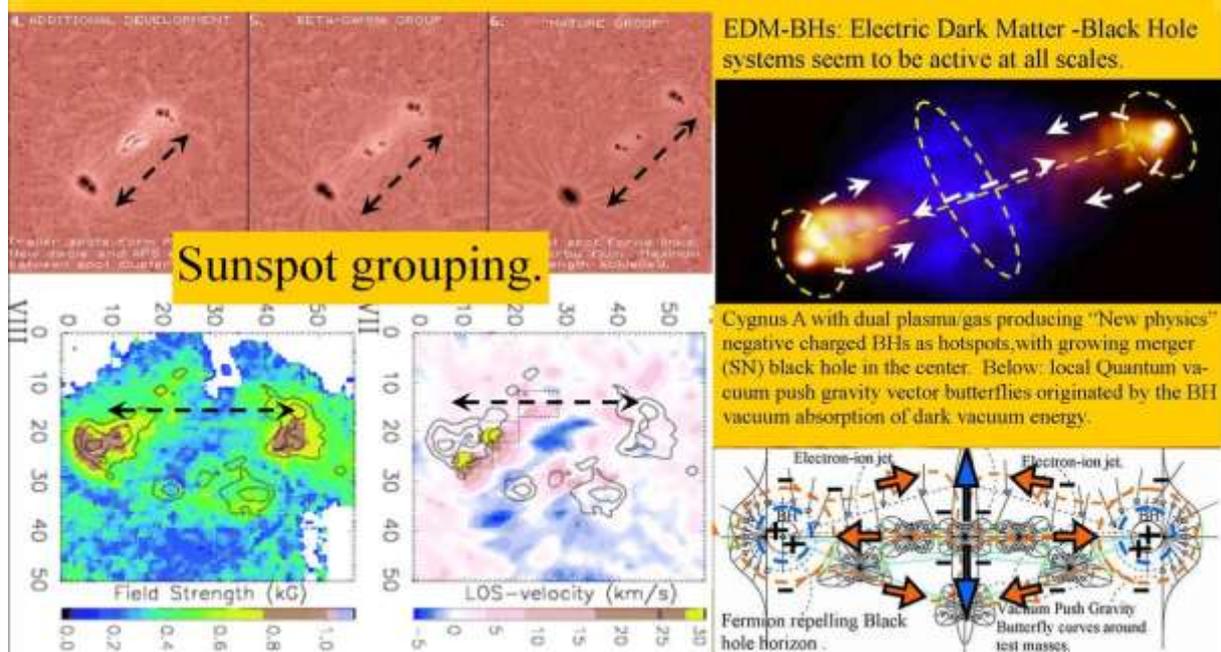


Figure 42,

The Butterfly Vector Casimir Vacuum is able to form Plasma Gas into fully Repelled Jets- and a Disc. (according to Quantum-FFF Theory.) see: <http://vixra.org/pdf/1806.0368v1.pdf>

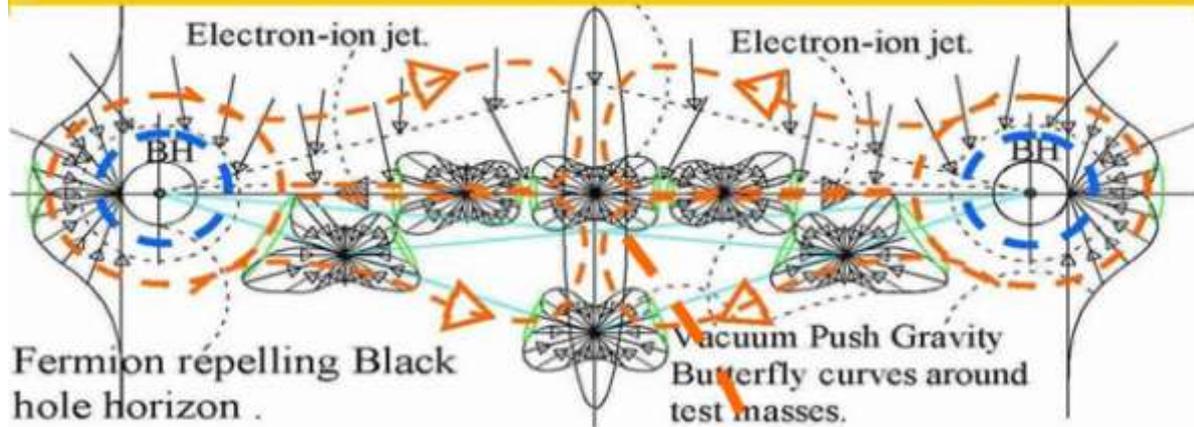
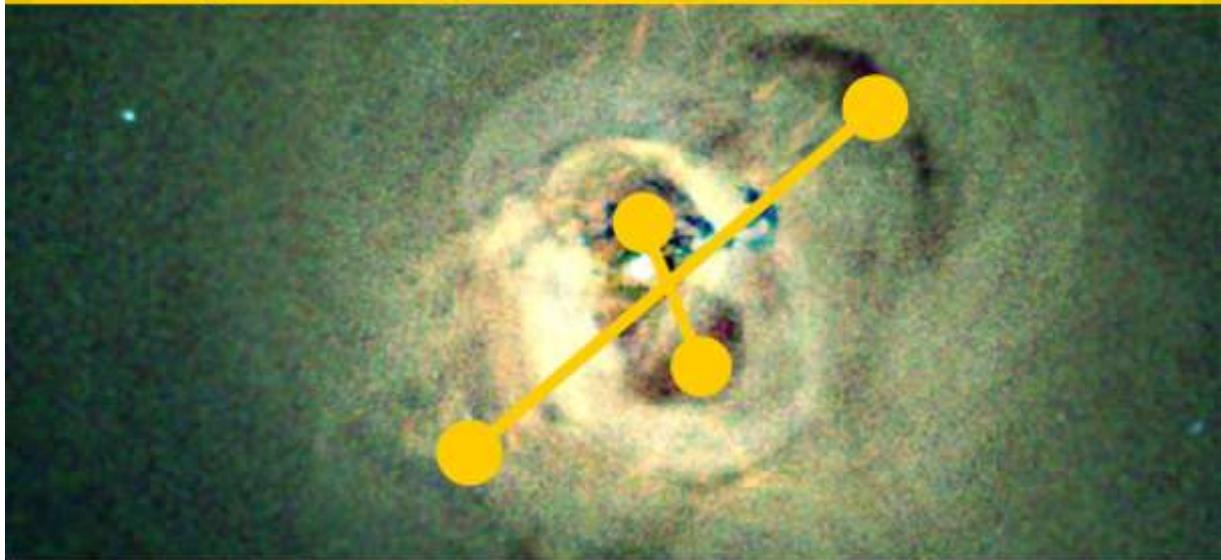


Figure 43,

# Persei cluster dual hot gas distribution

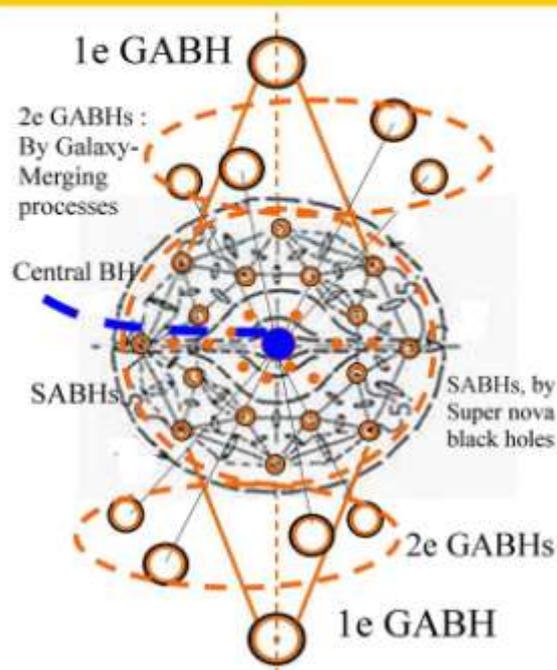
Multiple dual Herbig Haro black hole ( Bowshock) systems observed inside the Persei cluster.

See: [http://vixra.org/author/leo\\_vuyk](http://vixra.org/author/leo_vuyk)

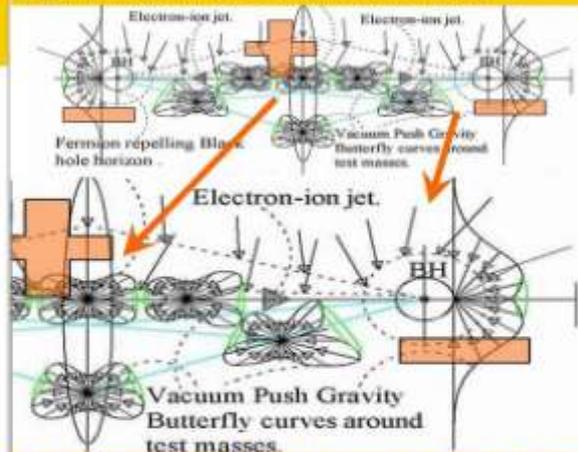


## Four main Dark Matter Black Hole families.

Primary- Secondary Galaxy Anchor BlackHoles (GABHs), (Globular Dwarfs) Central BH and Stellar/Dwarf Anchor Black Holes, (SABHs), According to Quantum FFFTheory



According to Quantum FFF Theory, Black holes create Proton-Electron plasma at the Fermion repelling horizon. As a consequence dual black hole systems like Herbig Haro objects are equipped with dual EM jets, supported by cone shaped Casimir pressurized Higgs field vacuum polarization. Dirkeland and Alfvén current circuits are supposed to be the result. Higgs-Casimir pressure vectors are directed above and below.



Below: Merging of spiral galaxies to form elliptical galaxies according to QuantumFFF Theory.

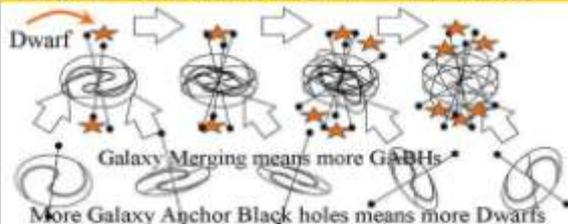


Figure 44,

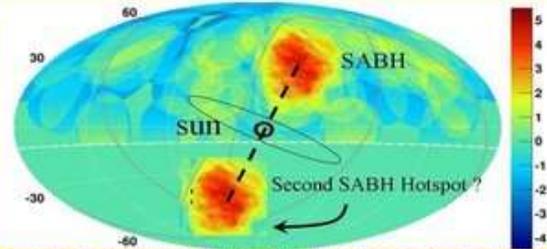
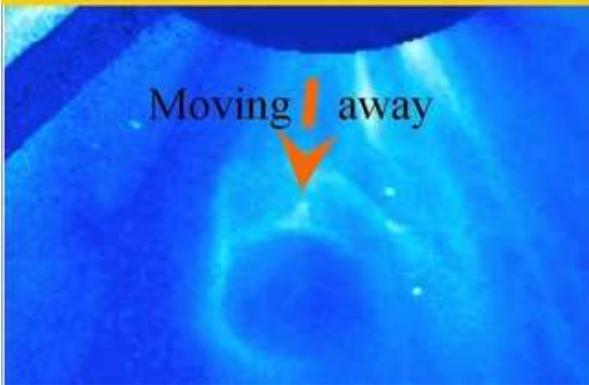
# SABH cosmic ray hotspots (electric dark matter black holes) as the origin and future slingshot accelerators of Brown Dwarfs expelled by the sun.

New giant gas planets expelled by the sun, moving away to the south, into the direction of the Southern cross SABH hotspot.

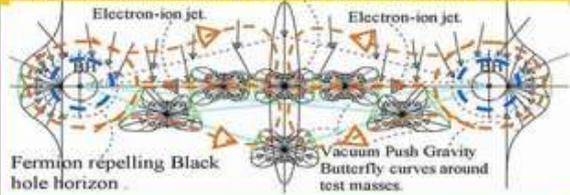
A hotspot for powerful cosmic rays found under the Big Dipper, by the University of Utah. The mysterious source of cosmic rays is also reason to look at the southern hemisphere to observe the opposing second Stellar Anchor Black Hole (SABH) (Cosmic ray production by NEW black hole paradigm according to Quantum-FFF Theory).



Dates 10Jan.2014 ( below) and 11March.2012 (above). "Brown Dwarfs ?" according to Q-FFF.



According to Quantum FFF Theory, "New Black Holes produce Proton- Electron plasma. By the strong Casimir vacuum push gravity on the BH, the "lighter" electrons will stay outside the "heavier" proton horizon (blue). As a consequence BHs have a strong electric potential, which is liberated by asymmetric processes in dual BH systems like Herbig Haro objects showing strong electro magnetic effects in open cluster star formation and Birkeland Alfvén circuits around the earth and even in the so called BICEP 2 results.

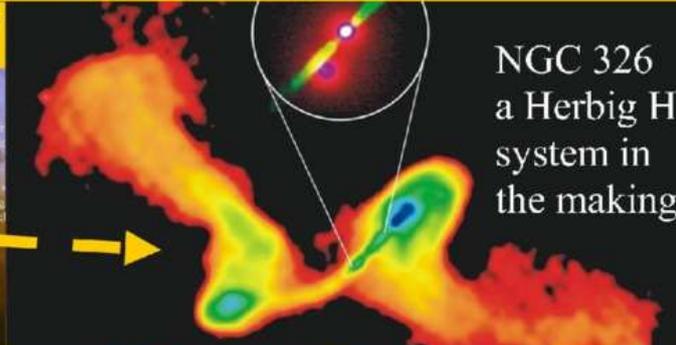
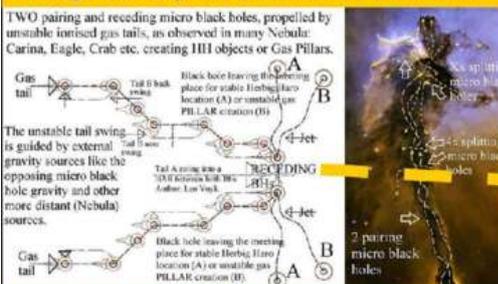


Scheme of the electric SABH principle around the sun.

Figure 45,

# Charge splitting black holes and the mysterious dual pairing to form Herbig Haro objects, galaxies and starclusters.

Black holes create negative charged plasma and Herbig Haro Objects to form stars in between.



NGC 326 a Herbig H system in the making

Quantum FFF Theory says: Infalling observers (in BHs) and self created plasma will be pushed out (by fermion spin flip) and negative charged. The result is that the plasma will act as pushing accelerator to accelerate the BH away from nearby larger (BH) gravity sources. Consequently, equal sized black holes will find each other and form a so called plasma BAR, at a critical distance, but split in succession to form an electric Herbig Haro system as the base for an open star cluster. In the early universe however, these star cluster will grow into primordial galaxies. Those systems are observed as radio galaxies (below)

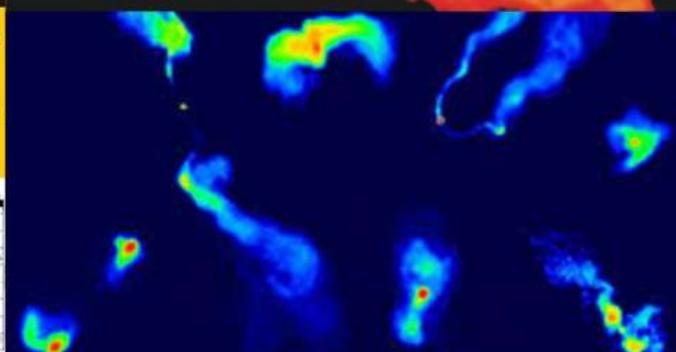
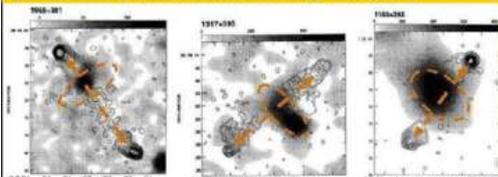
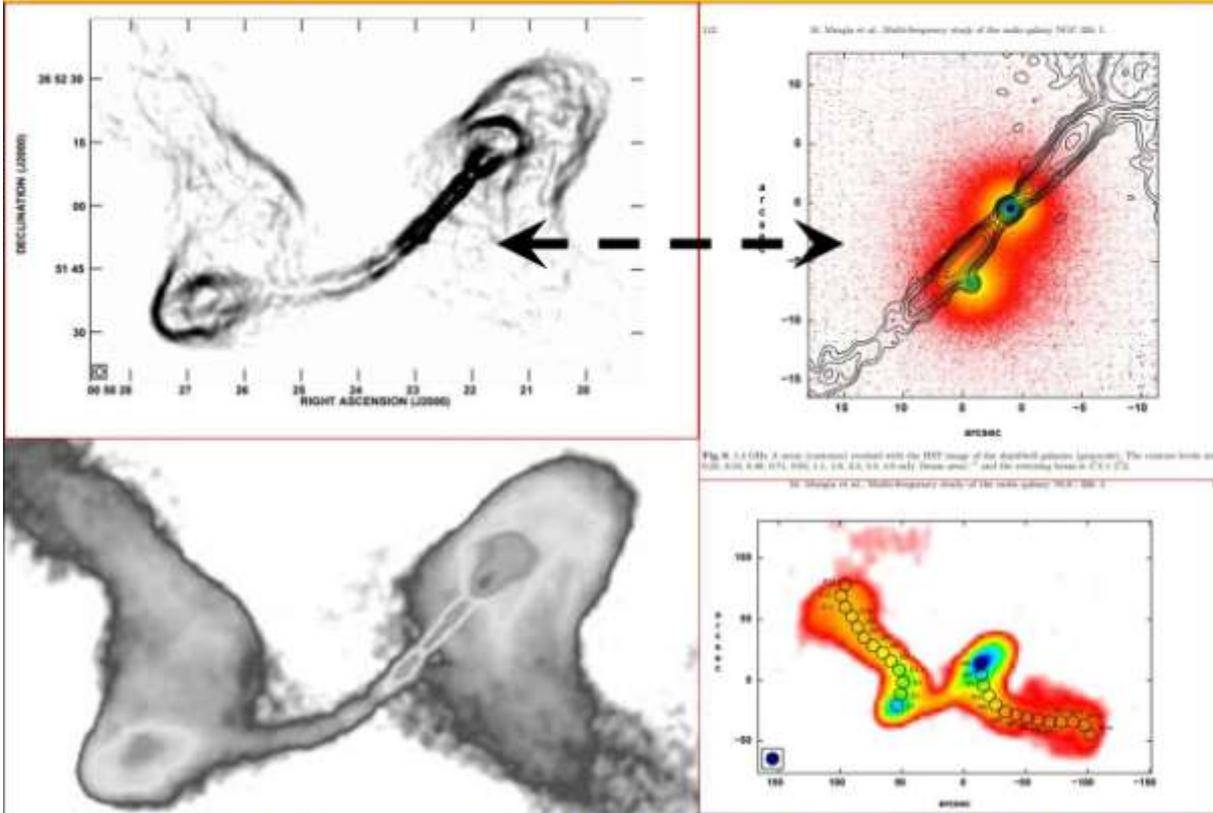


Figure 46,

Example of NGC 326: The Repelling of Two Equal sized Black Holes as the formation of a Herbig Haro Bowshock system, with star formation in between and double jets. According to Quantum FFF Theory.



@ images: A multi-frequency study of the radio galaxy NGC 326 by M.Murgia et al. (CNR Bologna.it.) <https://www.aanda.org/articles/aa/pdf/2001/46/aah3092.pdf>

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!

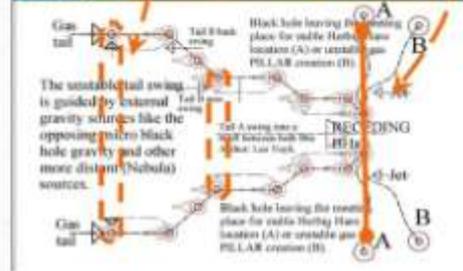
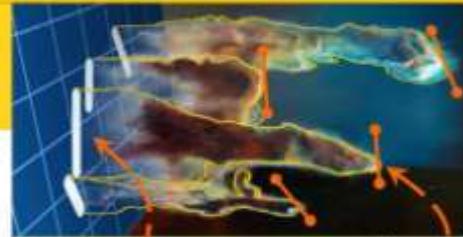
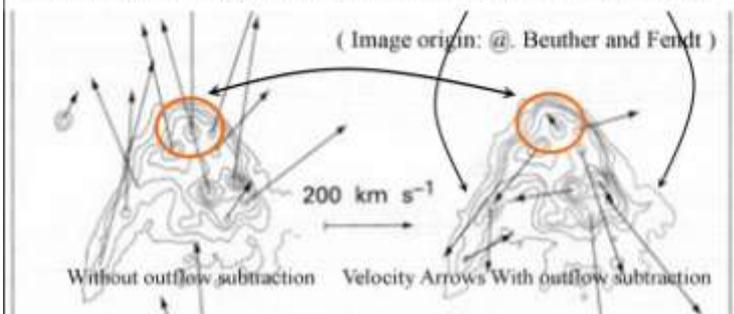
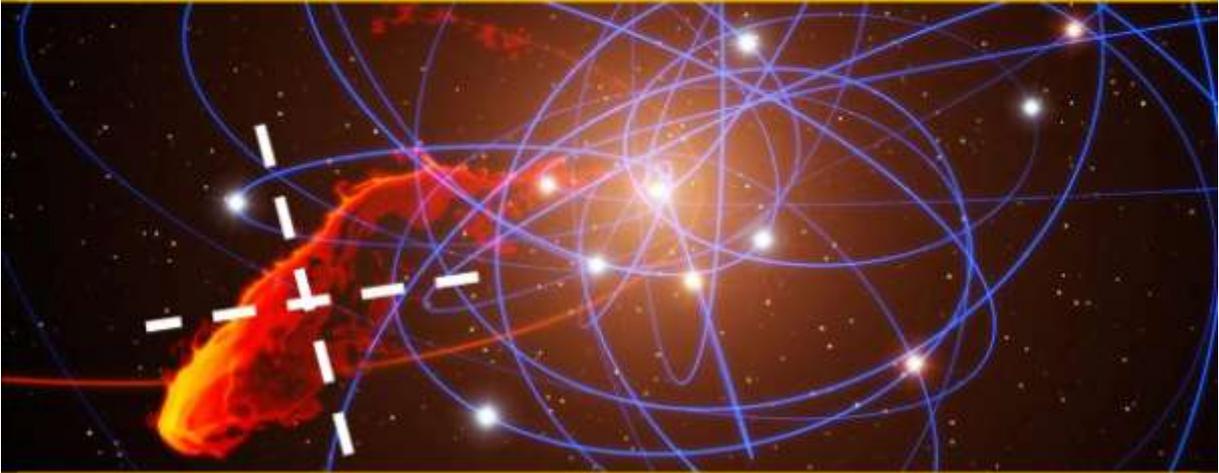


Figure 47,

# Feeding the BH Dragon Sag-A

According to Quantum FFF Theory, propeller shaped stringy Fermions are repelled from a black hole at a certain distance.



Below: Time laps of the G2 Black hole/Gas object feeding Sag-A, changed into blueshift and disappear, (instead of flying back to the observer) by leaving charged gas components into the gas disc.

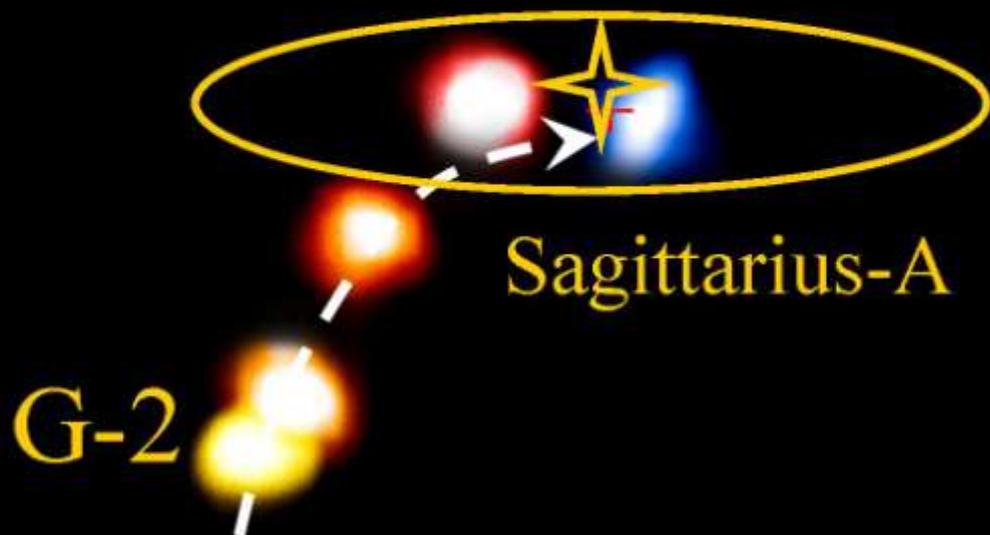
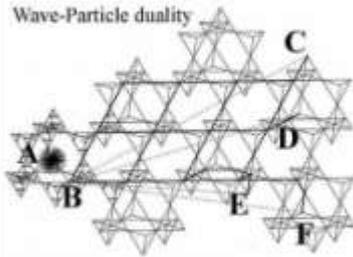


Figure 48,



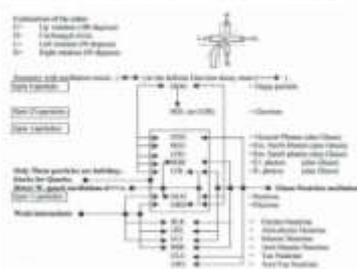
# What is wrong with Physics

## Wave-Particle duality

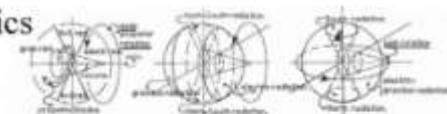


Photon trajectories through the interrelated Higgs vacuum lattice.

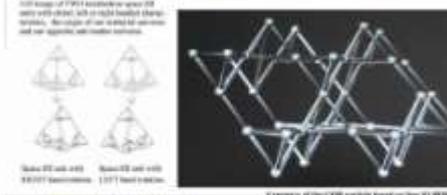
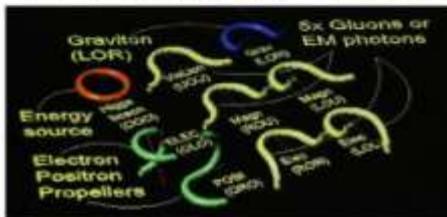
A photon is created as a delocalized Higgs particle in position (A), then as a single (Higgs) photon particle which after some distance changes from back into a Higgs particle (B).  
The photon energy is transferred into the oscillating Higgs system and oscillating through the vacuum lattice in the form of a rotating BECCO of entangled energetic Higgs oscillations with the local speed of light. The distance between two cycles of the BECCO resembles the wavelength of the photon-particle (hence, the Higgs lattice matches all experiments).  
After collision with a second fermion, at location C, D, E, F, the BECCO of energy and light and change the FORM of a local Higgs particle into the shape of the original fermion.  
Two different shaped Higgses after some distance are called Photons.  
The five different shaped Photons that they generate in Glass. Author: Leo Vuyk.



Author: Leo Vuyk 30-01-2011 NL

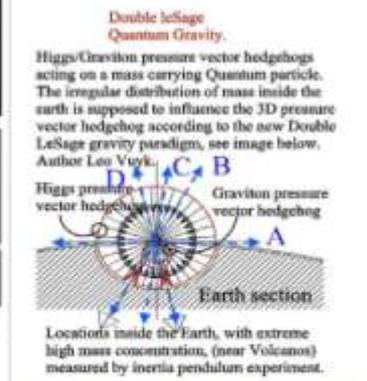
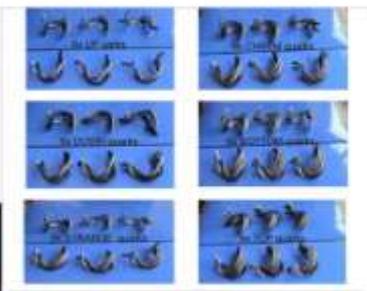


The "Eigen energy" distribution around the spinning fermion propagator, is supposed to come in some form. The fermion spin and radiation is the product of a scattering process with oscillating Higgs vacuum particles. As a result, the fermion has a double spin around two polar axes. This is supposed to be the origin of a dipole magnetic field with North and South magnetic poles and the circular distribution of graviton and electric radiation. In addition it must be stated that all fermions are entangled with their object subject particles for away.



Leo Vuyk@Gmail.com

# At the Quantum level



Oscillation directions A, B, C, D, of the NEW Inertia Oscillator device, will give larger DAMPING differences as expected by Newtonian gravity rules

http://bigbang-entanglement.blogspot.com/

Figure 51,

# What is wrong with Physics at the astronomical scale?

Ball lightning pushed by Plasma tail against the wind

Vapour trail washed-out by the wind

Spinning micro black hole

Pairing micro black holes

2x spinning micro black holes

2x pairing micro black holes

The CPT SYMMETRIC MULTIVERSE CYCLE. The inflation epoch ends if the decreasing vacuum pressure equals the increasing Higgs mass of the Big Crunch black hole matter. Inflation epoch ends if all present black hole matter are evaporated, or left behind as matter. Further Black Holes.

QUANTITIES: INFLATION - EPOCH, MULTIVERSE CYCLE TIME, INFLATION - EPOCH.

The NEW Black Hole Paradigm. The function of the NEW Black Hole.

Author: Leo Vuyk 4-02-2011 NL

Leo Vuyk@Gmail.com http://bigbang-entanglement.blogspot.com/

Figure 52,





**Schrödinger's cat paradox solved with Anti Matter Copy Cats, living inside Entangled Raspberry Multiverse Bubbles.**  
**see: The Conscious Undivided Multiverse, A Semi Classical Theory of Everything, based on Long Distance Multiverse Entangled Rigid String Topology.**  
<http://vixra.org/pdf/1905.0123v1.pdf>

**Schrödinger's cat paradox solved with Anti Matter Copy Cats, living inside Entangled Raspberry Multiverse Bubbles.**

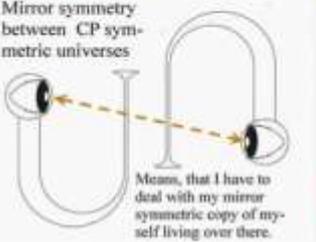
**Anti Matter deficit problem solved by the mirror symmetric Undivided Multiverse without dual Cats in boxes.**



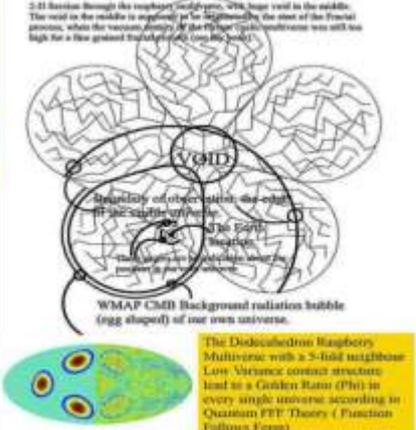
**The Wavefunction collapse in the (CP symmetric) raspberry multiverse by the entangled observation between (anti) copy particles**

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.

**Mirror symmetry between CP symmetric universes**



2:21 Section through the raspberry multiverse, with huge void in the middle. The void in the middle is supposed to be triggered by the state of the Planck process, when the vacuum density of the Planck multiverse was still too high for a five-globed Earth-like life (see the book).



**DID YOU EVER WONDER IF THE PERSON IN THE PUDDLE IS REAL, AND YOU'RE JUST A REFLECTION OF HIM?**

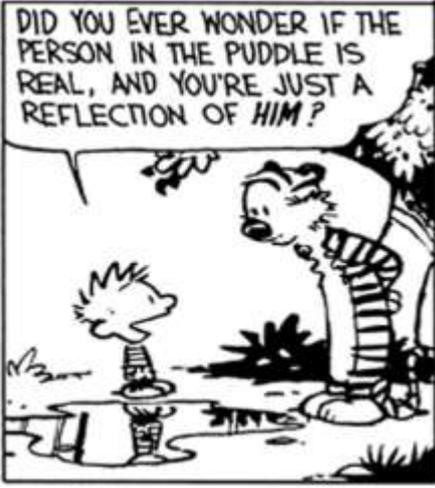


Figure 56.

## **The Benjamin Libet discovery about consciousness: two different Readiness Potentials (I and II) and the possibility to VETO an act.**

Benjamin Libet measured the so called electric Readiness Potential (RP) time to perform a volitional act, in the brains of his students and the time of conscious awareness (TCA) of that act, which appeared to come 500 m.sec behind the RP. The “volitional act” was in principle based on the free choice to press an electric switch button. The results of this experiment gives still an ongoing debate in the broad layers of the scientific community, because the

results are still (also in recent experiments) in firm contrast with the expected idea of Free Will and causality. However I would propose the absurd but constructive possibility that we are not alone for decision making in a multiverse as an individual person. Even Max Tegmark suggested already about the multiverse: "Is there a copy of you reading this article?" We could be instant entangled with at least one instant entangled anti-copy person living inside a Charge and Parity symmetric copy Universe. In that case we could construct a causal explanation for Libet's strange results. New statistical difference research on RPI and RPII of repeated Libet experiments described here could support these ideas. Wikipedia says: "Democracy is a form of government in which all eligible citizens participate equally". Free will in a multiverse seems to be based on: all instant entangled ideas of copy persons living in all CP symmetric copy universes, have the same possibility to Veto an act and participate equally. If I am able to "Tap into" those instant entanglement connections" sent out by other people, then even telepathic effects (mind reading) could be explained. See also: "Democratic Free Will and Telepathy in the Instant Entangled Multiverse." <http://vixra.org/pdf/1612.0026v3.pdf>

## QUANTUM FFF THEORY.

According to Quantum FFF Theory, ( Function Follows Form) the FORM and microstructure of elementary particles, is supposed to be the origin of FUNCTIONAL differences between HiggsGraviton- Photon- and Fermion particles.

As a result, a NEW paradigm of splitting-, accelerating- and pairing Black Hole seems to be able to accelerate itself by a -Zero Point Energy driven-self created plasma tails ( by a new Quantum Fluctuation process), to form dumbbell systems, of two or even more black holes. Inside Nebula these dumbbell systems are called Herbig Haro systems.

I think that Stephen Hawking did not calculate with the possibility of a chiral oscillating Higgs field vacuum lattice combined with propeller shaped Fermions. Then, due to Vacuum Chirality, Electron- and Positron propellers could both pushed away from the BH horizon after spin flip polarization at different distances, forming two charged separated spheres. With quark ( plasma) formation in between.

Based on such a simple object ( propeller and process) oriented ontology, Black Holes could be imagined as charge splitters violating the 2e law of thermodynamics, combined with a continuous microscopic big bang plasma creation process!

### **The result:**

- 1: Black holes are the same as Dark Matter, they all consume photons, even gravitons and the Axion-Higgs field, but REPEL Fermions due to their propeller shape. They produce electric charged and plasma.
- 2: Dark Energy is the oscillating ( Casimir) energy of the Higgs Field equipped with a tetrahedron lattice structure with variable Planck length..
- 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 Spinters (PBBS) forming the Fractal Lyman Alpha forest and evaporating partly into a zero mass energetic oscillating Higgs particle based Higgs field.
- 5: Dual PBBSs 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 Higgs particles are convertible into symmetric electron and positron (or even dual quark-) propellers (by BH horizon fluctuations).

9: The chirality of the (spiraling) vacuum lattice is the origin our material universe. (propeller shaped positrons merge preferentially first with gluons to form (u) Quarks to form Hydrogen.

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. ( figure 29)

13. Quantum FFF Theory states that the raspberry shaped multiverse is symmetric and instant entangled down to the smallest quantum level. Also down to living and dying CATS in BOXES.

14 Large Primordial Big Bang Spinters (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 Axion-Higgs field ether, within about 1 cm distance from a fermion.(see: Babock 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 can be compound particles.

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 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 democratic form,

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## References:

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Quantum FFF Theory is also published in the form of POSTERS at the Flickr site: <http://www.flickr.com/photos/93308747@N05/>

Numbered listing of Vixra essays by Leo Vuyk. [http://vixra.org/author/leo\\_vuyk](http://vixra.org/author/leo_vuyk)

[127] [viXra:1907.0250](#) The Conscious Readiness Potential Ratio Multiverse with Transactional Interpretation of J. Cramer.

[126] [viXra:1905.0244](#) EM Drive Thruster by Anti Maxwell Monopole Tubular Field Reduction Around a Conductor.

[125] [viXra:1905.0123](#) The Conscious Undivided Multiverse.

[124] viXra:1904.0599 The Origin of Universal Structure: Herbig Haro -Electric Dark Matter Black Hole- Systems.

[123] viXra:1903.0447 Black Hole Creation and Destruction of the Cyclic Conscious Multiverse.

[122] viXra:1903.0347 Visualizing Subatomic Particles as Building Blocks of the Universe.

[121] viXra:1903.0102 What Is Wrong With Physics?

[120] viXra:1902.0349 The Electric Universe by Electric Dark Matter Big Bang Black Holes of Quantum FFF Theory.

[119] viXra:1902.0201 Novel Ideas About Dark Matter and the SuSy Multiverse.

[118] viXra:1901.0426 4x and 3x Interference for Stringy Bose Einstein Black Hole Production.

[117] viXra:1812.0228 Equal Sized Rigid String Based New Black Holes do not Merge But, Form Herbig Haro Systems.

[116] viXra:1812.0095  $E = \text{not } Mc^2$  in Massless Black Holes According to Quantum FFF Theory.

[115] viXra:1811.0125 Testing Proposals for Human Free Will in the Raspberry Multiverse, Local Entanglement and M&M Lightspeed.

[114] viXra:1811.0002 Big Bang Energy out of Nothing, or a Compressed Rigid String Nucleus

[113] viXra:1809.0189 Apparent Violation of the Second Law, Around Black Hole Nuclei and Other Quantum Knots.

[112] viXra:1807.0437 Preference for Dual Herbig Haro Black Hole Consumption by the Central MW Black Hole, Leaving Plasma Jets Behind.

- [111] viXra:1806.0368 A Fifth Force Vacuum Dipole Repeller, Needed to Create All Attraction Forces Even Around Black Holes in Quantum FFF Theory.
- [110] viXra:1806.0298 Expanding Earth, by Growing Water based Crashed Comet core.
- [109] viXra:1806.0068 Primordial Electric Dark Matter Black Holes Outside Galaxies Responsible for the Creation and Contraction of a Cyclic Multi-Universe.
- [108] viXra:1805.0541 Tidal Star Disruption Events (TDE) by Fermion Repelling Black Holes in Quantum FFF Theory.
- [107] viXra:1805.0307 Fulgurite Created by Lightning Bullet Also Known as Ball Lightning, According to Quantum FFF Theory.
- [106] viXra:1804.0138 Non Inertial Dark Matter Black Hole Galaxy Hierarchy According to Quantum FFF Theory.
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- [104] viXra:1803.0093 Skyrmion Interference Black Holes, Photonic Molecules, Ball Lightning, Micro Comets, Sprite-Fireballs and Sunspots According to Quantum FFF Theory.
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