

An Alternative Stringy Black Hole nucleus with Entropy Decrease and Plasma Creation.

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Abstract,

In particle physics it is an interesting challenge to postulate that the sub quantum FORM and structure of elementary particles is the origin of different FUNCTIONS of these particles. In my former paper “**3-Dimensional String based alternative particle model.**” I presented a possible solution based on complex 3-D ring shaped rigid string particles based on only one massless Axion–Higgs based transformable ring . The system is called Quantum FFF Theory. (Function Follows Form Theory) Now this paper presents the possible consequences of such a 3-D string particle system for Black hole string knot based nuclei, such as repulsive quantum gravity form dark energy based Axion-Higgs space and a new fermion repelling black hole horizon with decreasing entropy and pair production (e-e+) forming positive quark quantum knots and electron based plasma.

Introduction,

In Quantum FFF Theory, it is assumed that the vacuum is seeded with “new” massless Axion-Higgs vacuum particles, able to transform into real rigid string based photon and fermion particles (figure 1) .

All vacuum particles seem to oscillate inside the chiral vacuum lattice system (figure 2). This system is assumed to be able to transfer all photonic energy in wave form until a fermionic barrier (like a screen) does change an Axion-Higgs (AH) particle into a real photon particles (wave particle duality).

This is reason to postulate that AH particles are the origin of all energy and Matter in the universe.

If by a local energy excess, two oscillating AH particles collide head-on with enough excess of energy, it is assumed that at first an electron and positron emerges by the transformation two AH particles.

Due to the propeller shape of the Fermions with left or right handed spin, they start to spin automatically by the constant collision and scattering process with the AH vacuum. As a collision result, AH particles continuously transform into different forms of Photon/Gluons.

This scattering system is supposed to be the origin of all “eigenenergy” of fermions and all radiation and energy in the universe including Quantum gravity also called double LeSage gravity.

It is proposed, that at the globular horizon of black holes, AH particles are constantly producing numerous twins of electrons and positrons, (pair production) due to spacetime (vacuum lattice) concentration by deformation.

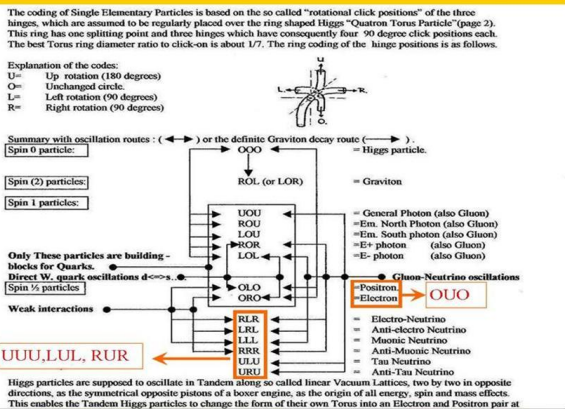
However it is postulated, that only a small part of the electrons and positrons annihilate, because the new 3-D particle system allows electrons and positrons to form COMPOUND QUARKS by the new 3D String particle paradigm (figure 1) .

At the same time, the complex double spin of fermions (figure 2) seems to be the origin of all material MOTION, (figure: 3) through the thick energetic soup of the Planck scaled Higgs vacuum lattice and the origin of a so called SPIN-FLIP with REPELLING abilities (figure 4), at a certain distance from the black hole horizon, (figure 5).

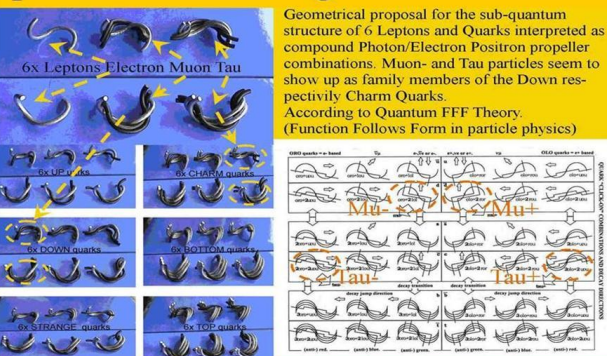
As a result these properties are reason to formulate a new black hole paradigm (figure 6), different from the Hawking black hole.

Trigrital solution for a Universal Rigid String based Quantum Information system, according to Quantum Function Follows Form Theory.

Trigrital notation (OOO, ROL etc.) of the various convertible rigid string particle according to Q-FFF theory



Geometrical proposal for most particles building the universe



All Photons (1x. graviton, 2x electr.- 2x magnetic- and 1x general (x-gamma-ray) photon) and two Fermions (Electron + Positron) are formed direct out of the “Mother” ring shaped Higgs particle, by internal hinge rotation (below). Dark Matter particles are supposed to be formed by interlocking 3 or 4 photons (below). Neutrinos are deformed photons or fermions. (not shown) See Quantum FFF Theory. (Function Follows Form) <http://vixra.org/abs/1103.0002>



Figure: 1, Rigid string particle families, with glueballs and micro quantum black holes.

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

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

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

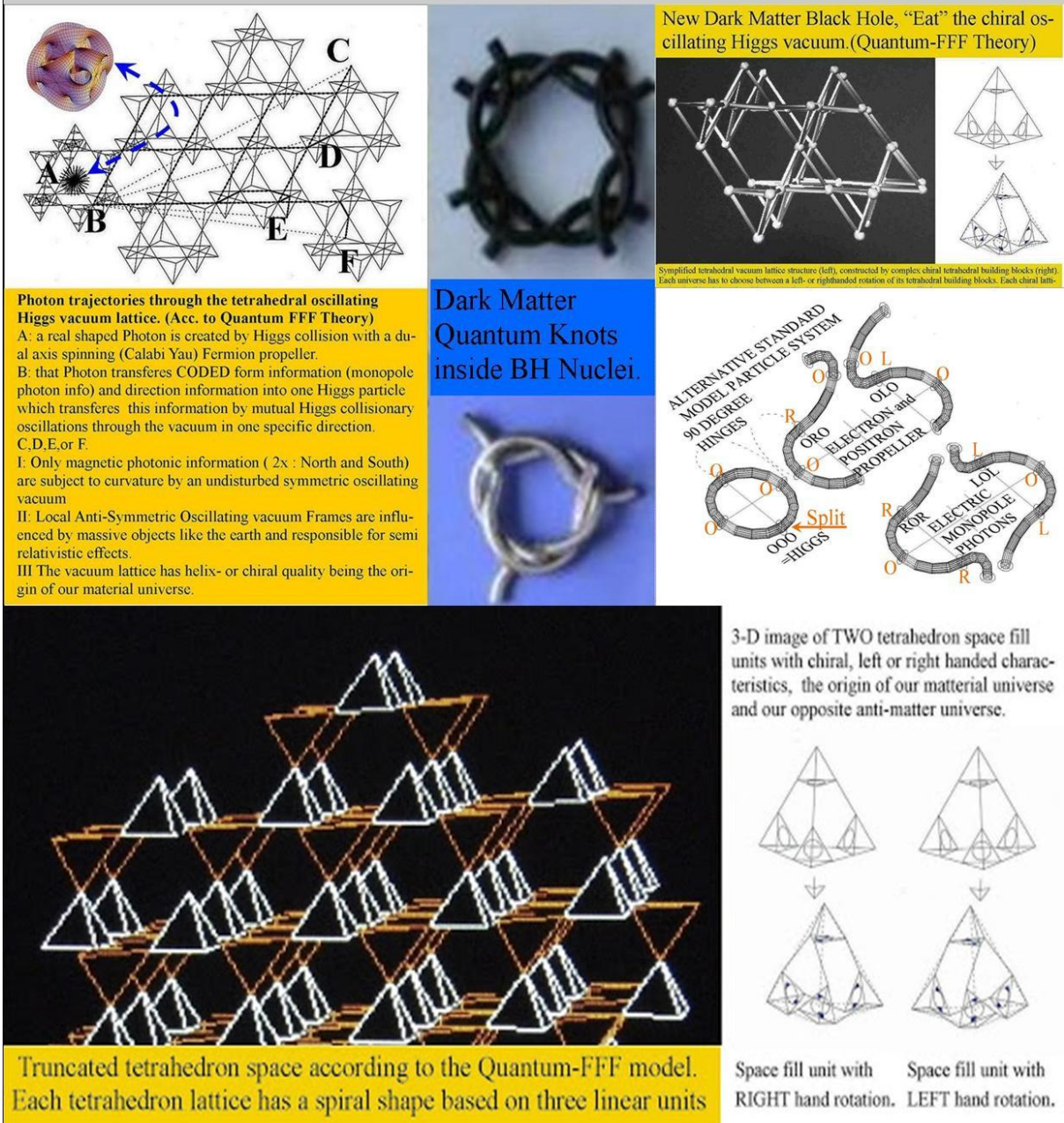
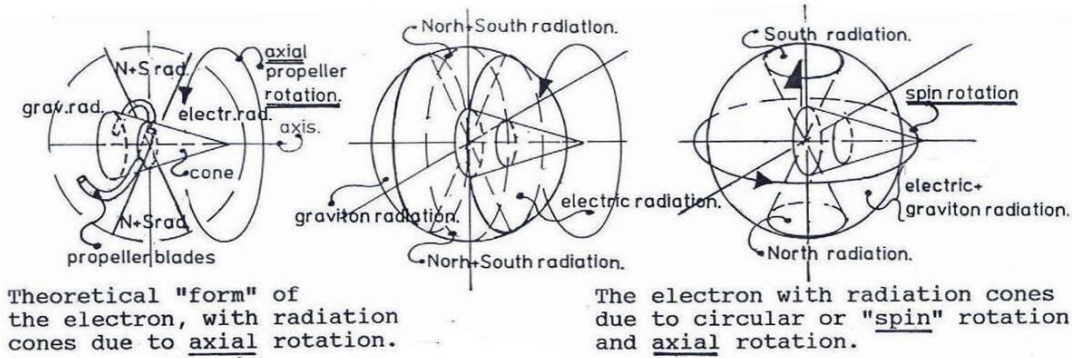


Figure: 2, Chiral AH vacuum lattice as truncated tetrahedron system able transfer photon information and collision space in between for fermion quantum knots.



The "Eigen energy" distribution around the spinning Fermion propeller, is supposed to come in cone 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 monopole photon radiation and the circular distribution of graviton and electric radiation. In addition it must be stated that all Fermions are entangled with their object /subject particle far away.

Figure 3, Double spin of Fermions.

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)

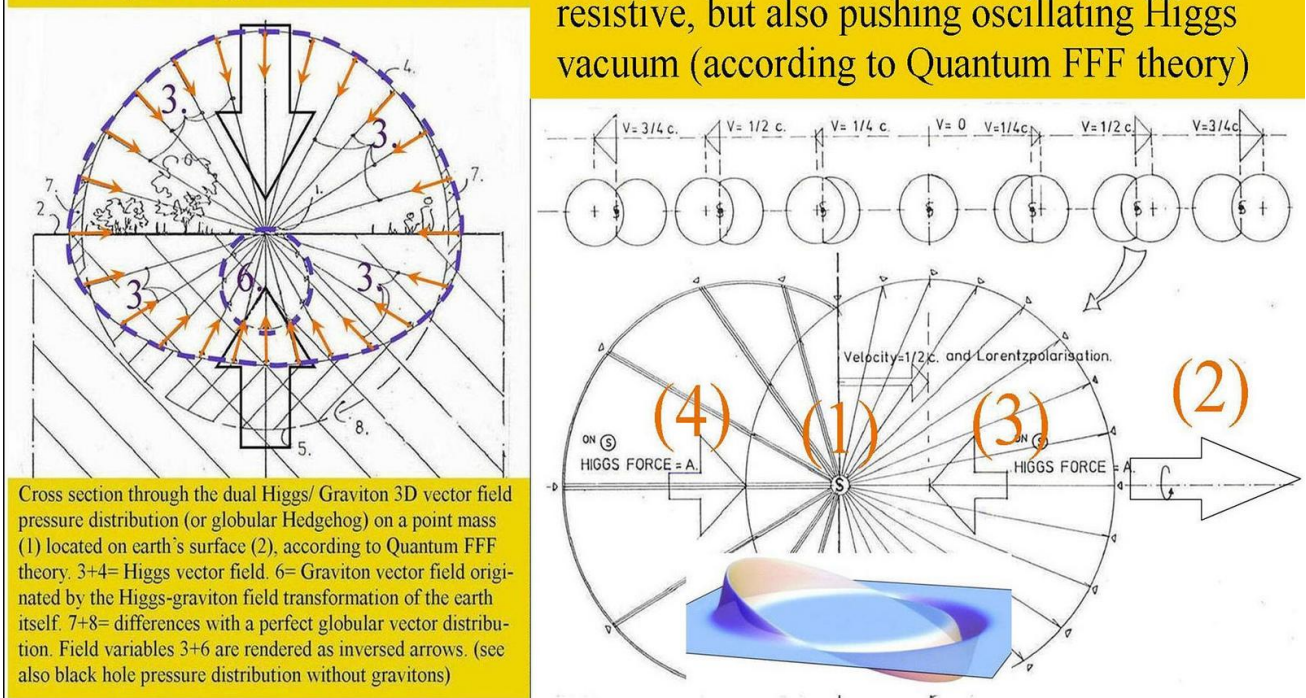


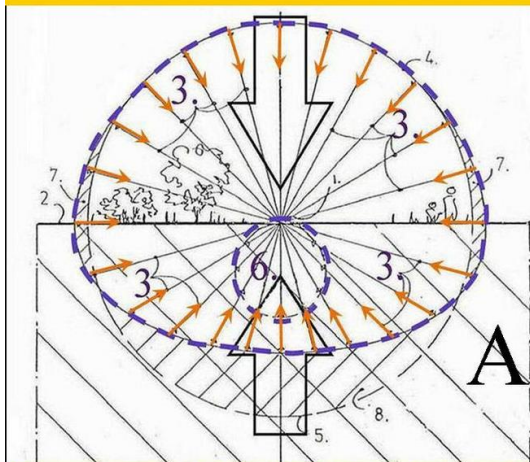
Figure 4, Quantum Gravity and Mass in Motion.

Why we need a Multiverse based guiding system, for simple motion of Fermions? The Multiverse seems to need entanglement of all particles even Photons to be able to get Fermions in motion and to prevent chaos.

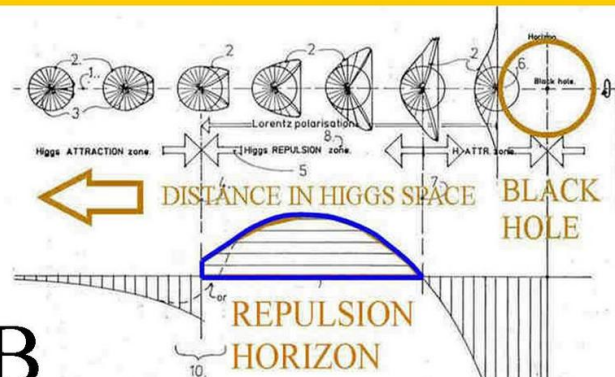
Equivalence between Planetary gravity (A) and Black hole gravity (B) does not hold in Quantum FFF Theory. .

Higgs field (Casimir) pressure (3) combined with Graviton pressure (6)

Black Hole gravity is only based on polarized Higgs (Casimir) pressure (3) WITHOUT graviton pressure.



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



B

7x Higgs quantum curves (2) are depicted for Fermions (3) with different distance to the BH horizon. At location (10) the spin of the fermions will FLIP due to the propeller shape of the Fermion and an opposing force away from the horizon is created by the Higgs vacuum itself down to location (7). The zone between (7) and (10)

Figure 5, Planetary gravity and Black Hole gravity does not hold by the Fermion repelling Black hole horizon (Entropy decrease).



Figure 6, The Black Hole Nucleus. A growing ball of 3-D string Axion Higgs (AH) particles compressed by the inflowing AH pressure. However the local vacuum pressure can also destroy small quantum knots back into the AH lattice. Observed by Ball lightning and some small Comets.

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

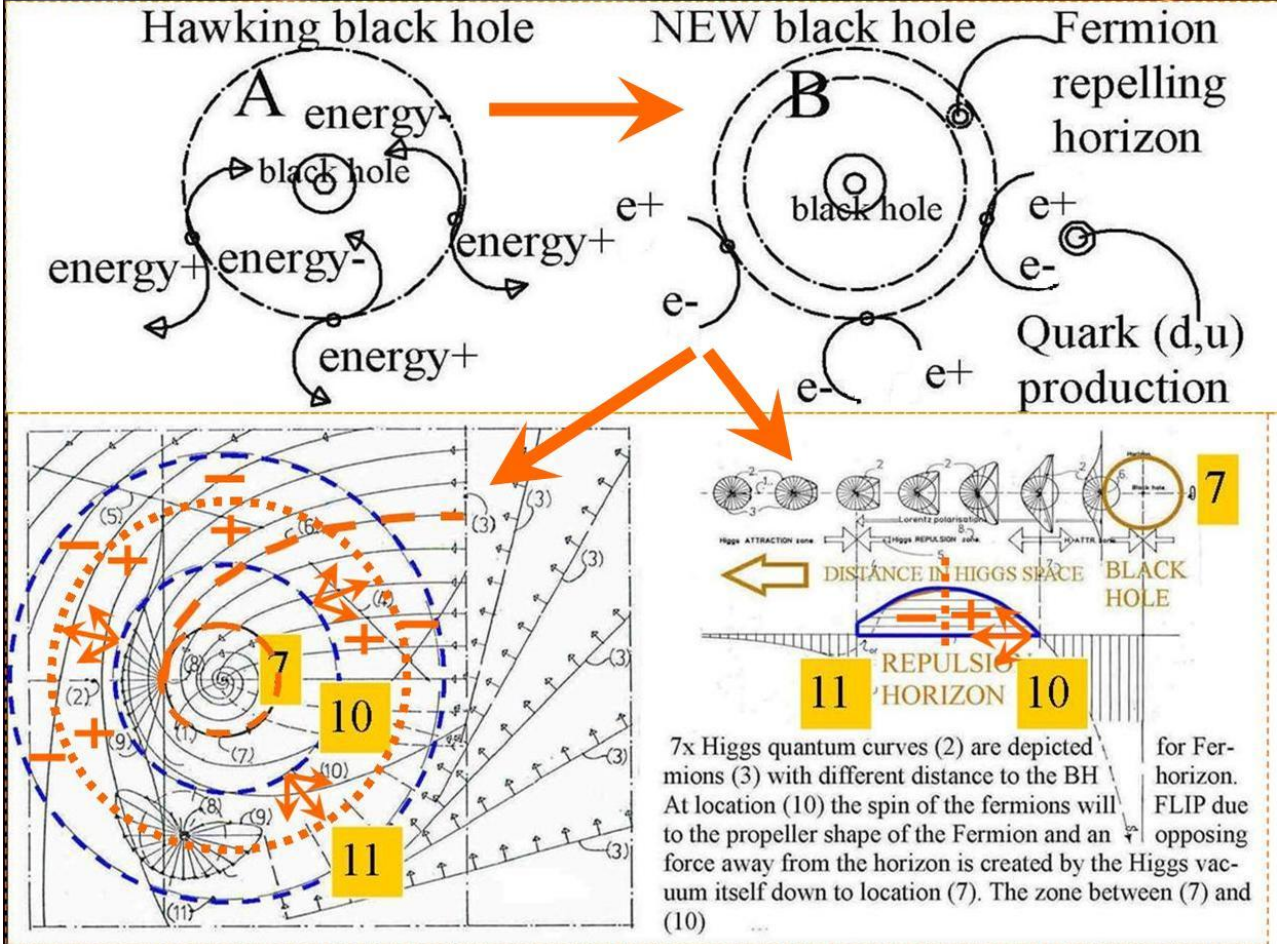


Figure: 7, New plasma creating entropy decreasing electric dark matter black hole versus the Hawking Black Hole.

The OLD and NEW Black Hole differences.

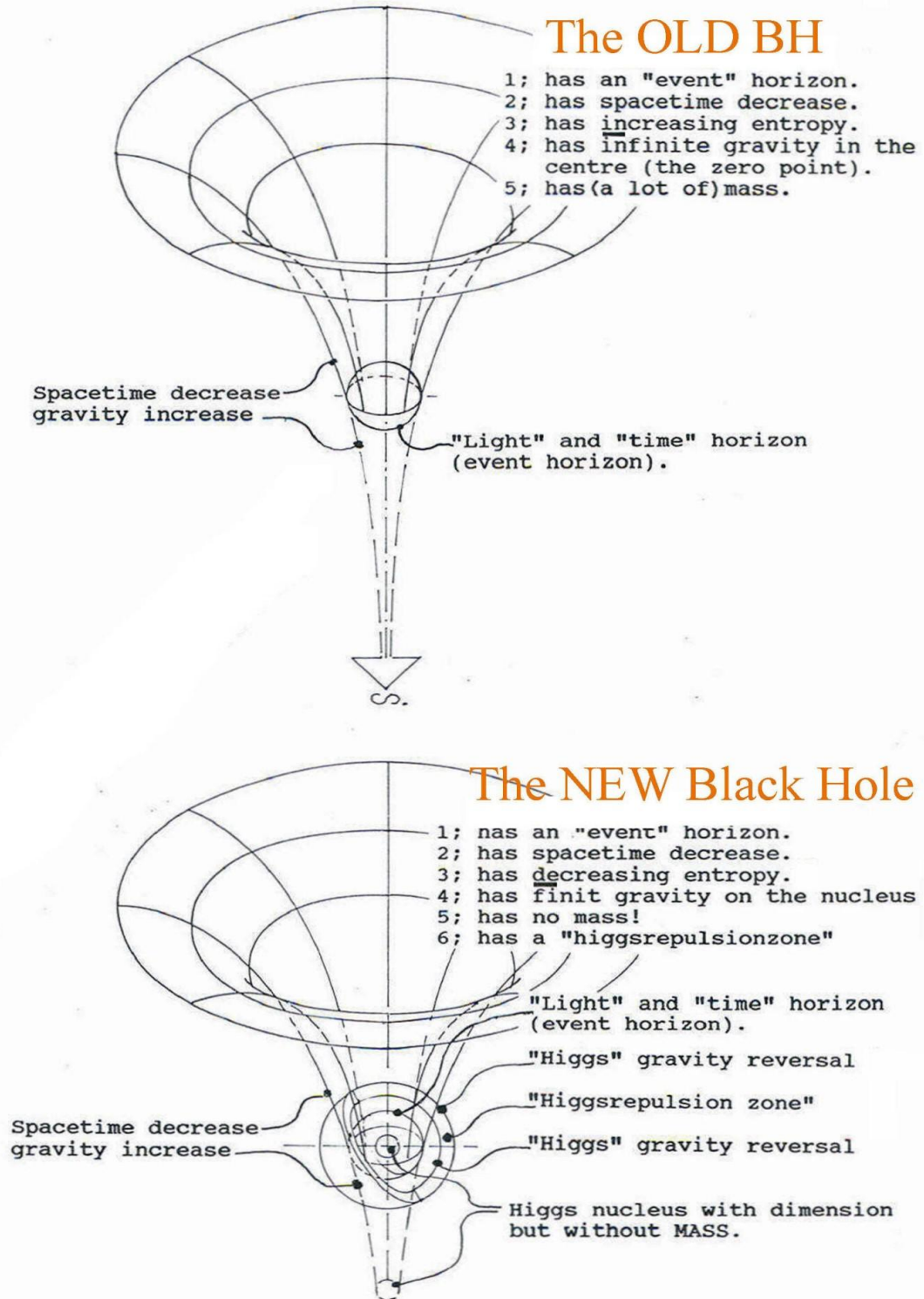


Figure 8, Property differences between NEW and OLD Black holes.



Figure 9, If Ball lightning has a microscopic Black hole nucleus, then we are able to explain its peculiar properties, observed in this Photo, see figure 9.

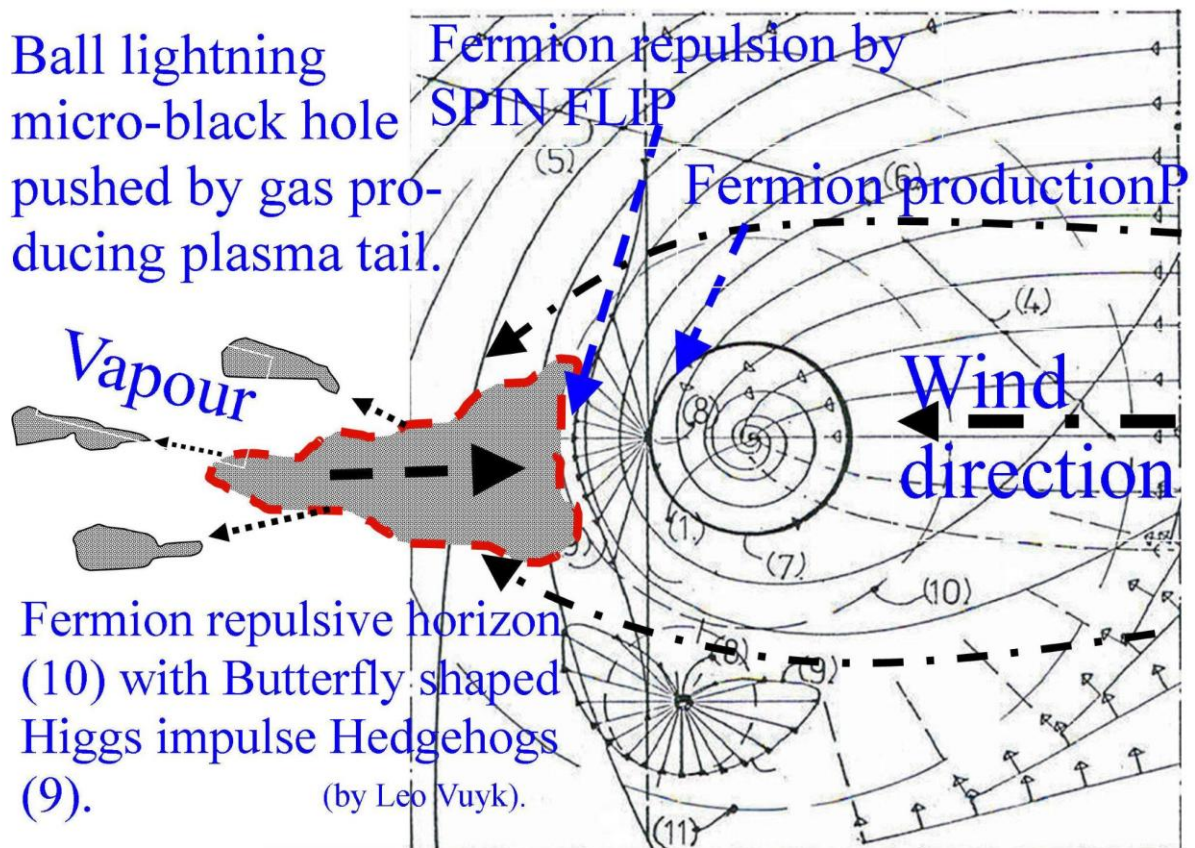


Figure 10, Cross-section through the accelerated ball lightning black hole accelerated by the gas producing plasma tail, observed in figure 8.

Micro Black hole(1), Photon energy absorbed by the black hole (4), -Photon energy not absorbed but bended/lensed by the black hole (5) Photon energy which is forced to stay and accumulate at the horizon (6).

Examples of black hole acceleration by plasma tails in space with the resulting paring and splitting which seems to be the result, leading to proliferation of black holes through nebula. This observation seems to show, that out of only TWO pairing black holes multiple sets of Herbig Haro objects arises by a splitting process.

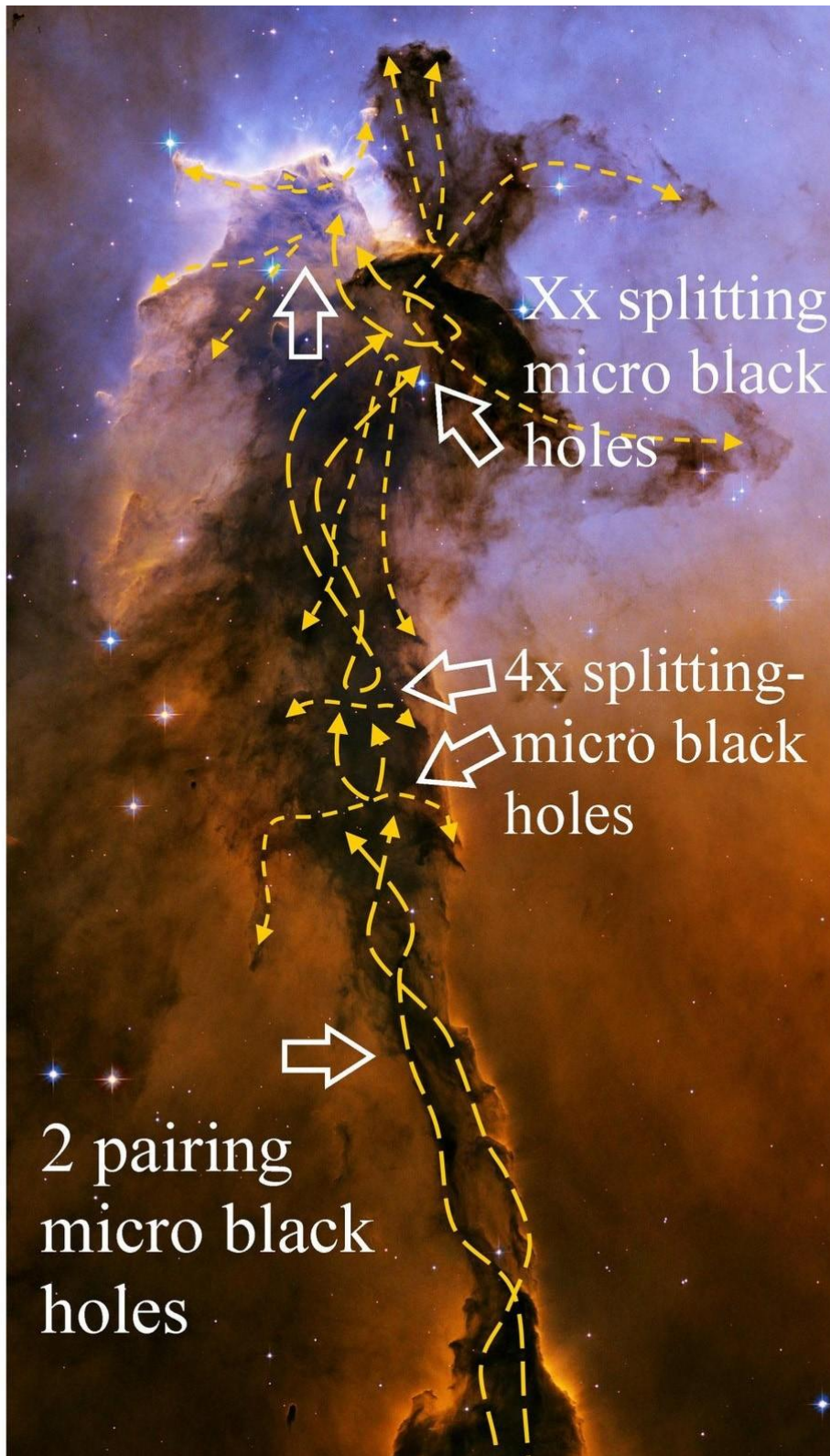


Figure11, Hubble photo of the Spire in the EAGLE Nebula.

What can we say about this peculiar phenomena?

TWO pairing black holes observed inside many nebulas (Eagle, Crab and Carina nebula) seem to form stable Herbig Haro objects if they have comparable sizes.

If they are different in size (the Eagle example, figure 10) then a splitting and reduction process seem to happen, to form Herbig Haro objects for star production in between these dual black hole dumbbell systems.

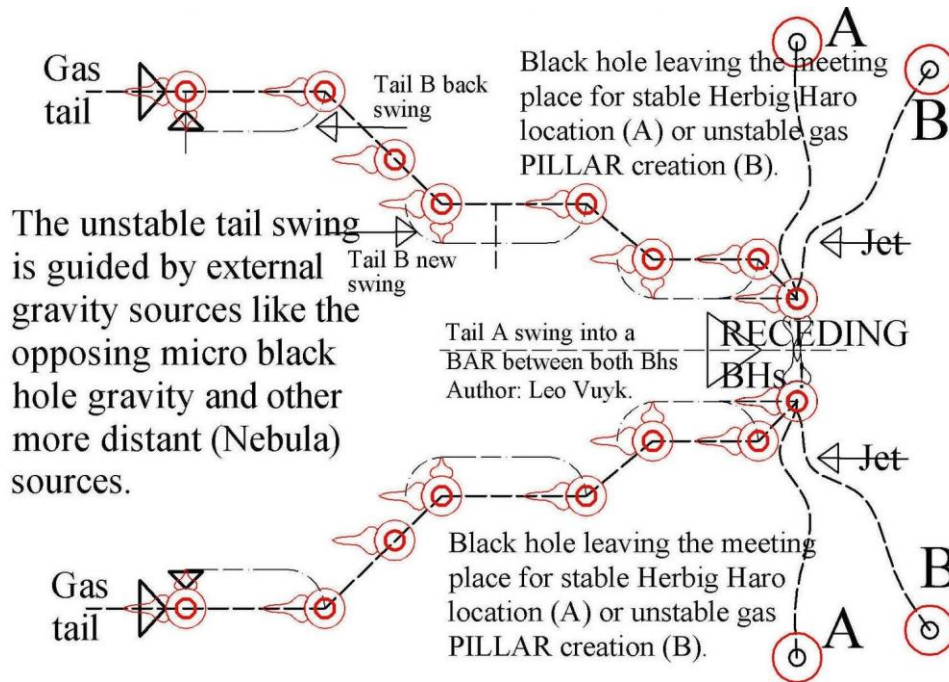


Figure 12, Plasma tails accelerating equally sized black hole nuclei, into pairs of Herbig Haro objects.

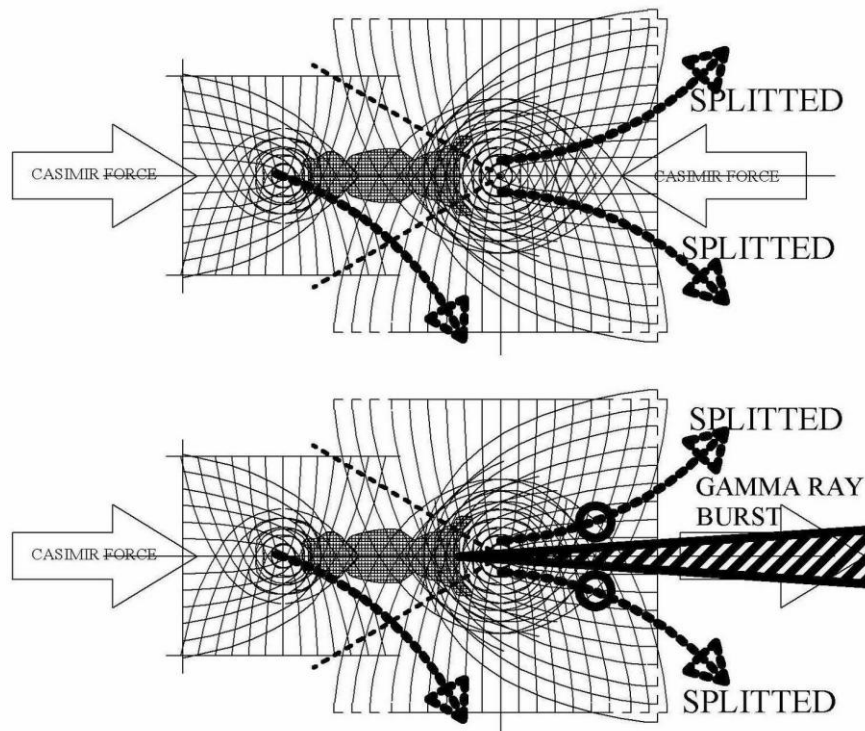


Figure 13, If two different sized pairing black holes meet each other, they seem to split the largest black hole into TWO equally sized copies which seem to be more potent to form Herbig Haro objects. This levelling process is assumed to be the origin of a smooth distribution of Fermion friendly black holes

through the universe and the origin of a smooth distribution of dark matter around Galaxies and other systems.

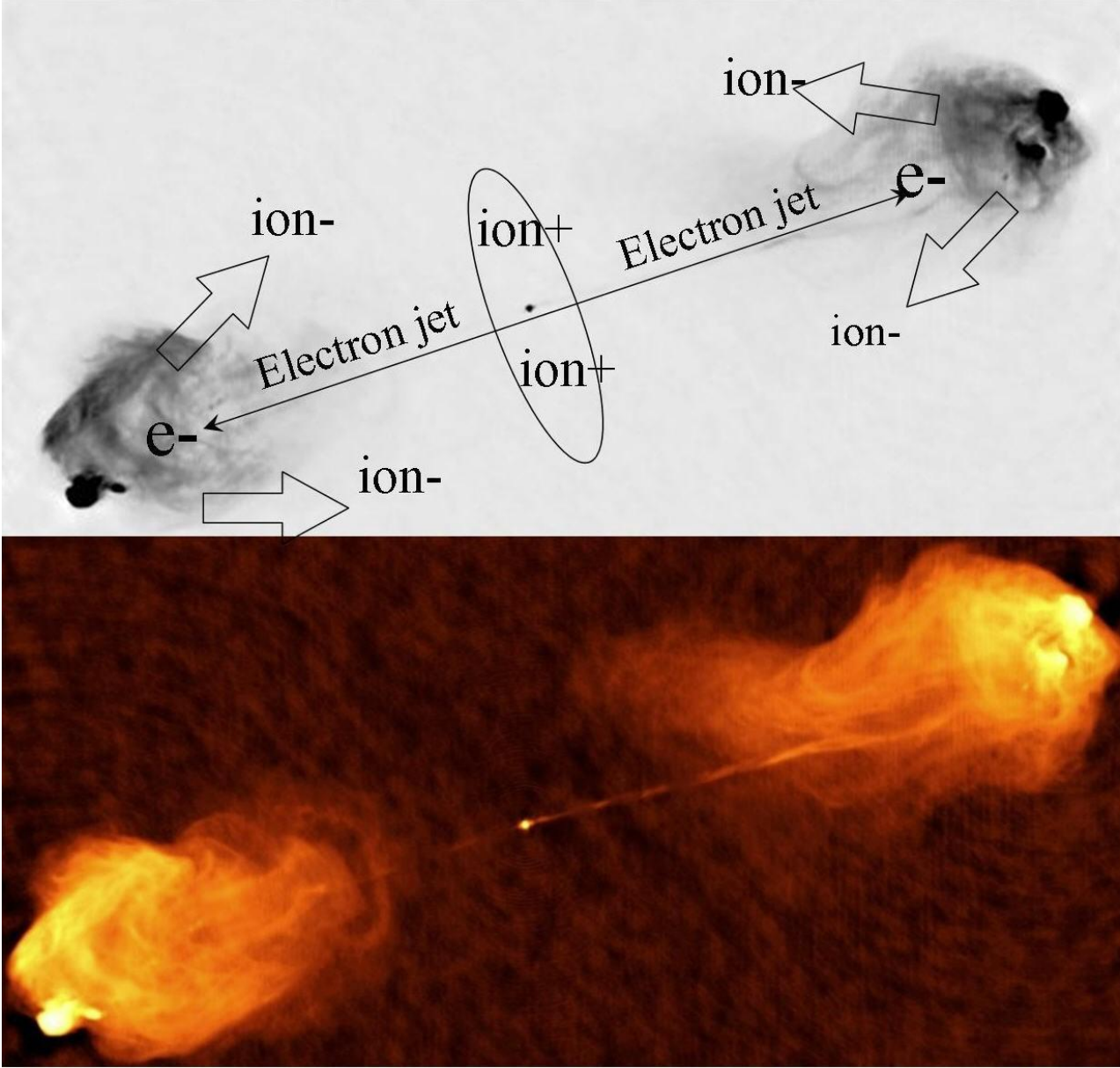
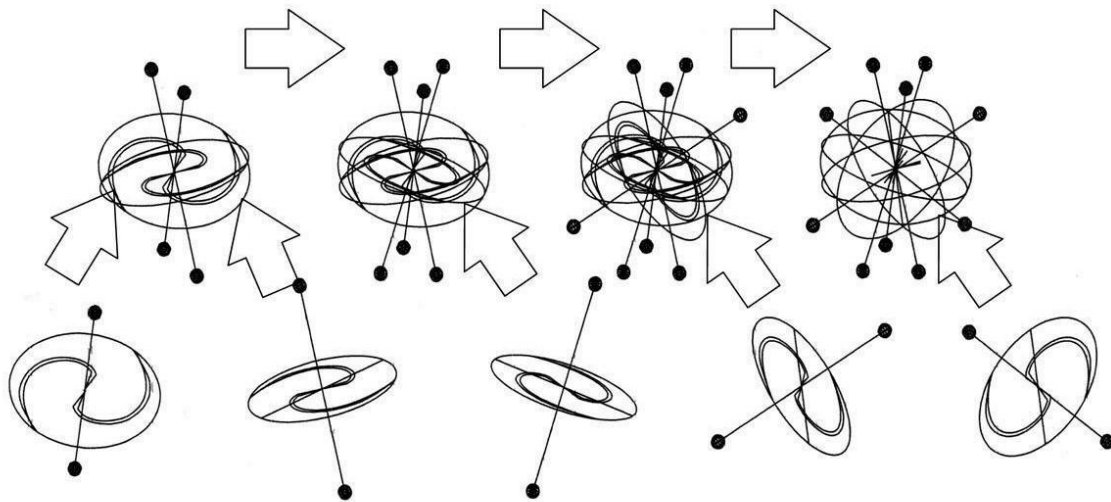


Figure 14, Cygnus A is according to FFF theory, a Radio Galaxy assumed to be a large scale example of Herbig Haro objects producing stars in the middle. Cygnus A however is a production plant for a whole Galaxy.

The origin of Elliptical Galaxies and complex external Dark Matter lobes, by merging of “early” spiral galaxies, each equipped with two Galaxy anchor black holes (GABHs) located on each side of the equatorial plane of the spiral.



From left to right, the spiral structure will fade away, during the process, only some bars seem to be able to left over from the original mergers. Consequently, the Lenticular galaxy can be interpreted as an intermediate galaxy form. Author: Leo Vuyk

Figure 15, The origin of Complex Elliptical galaxies.

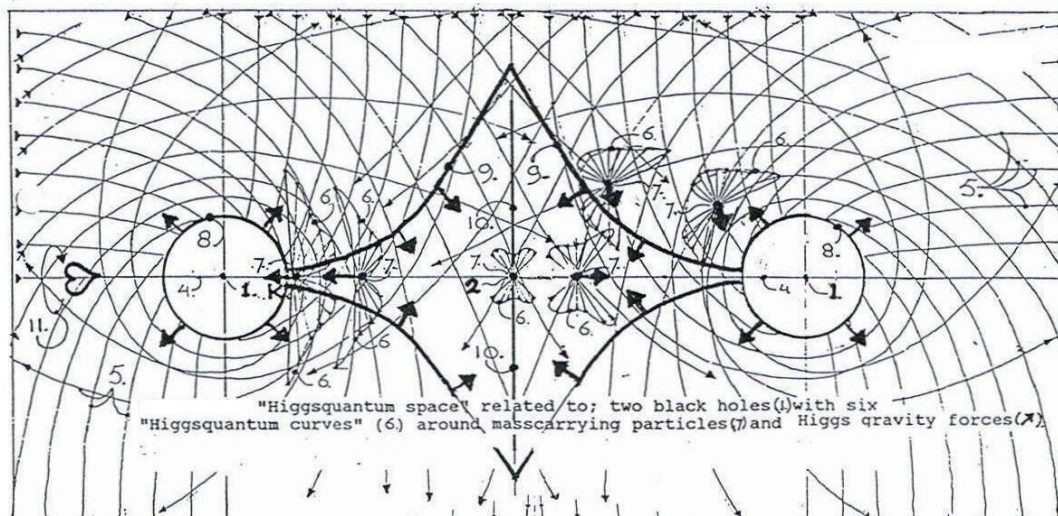
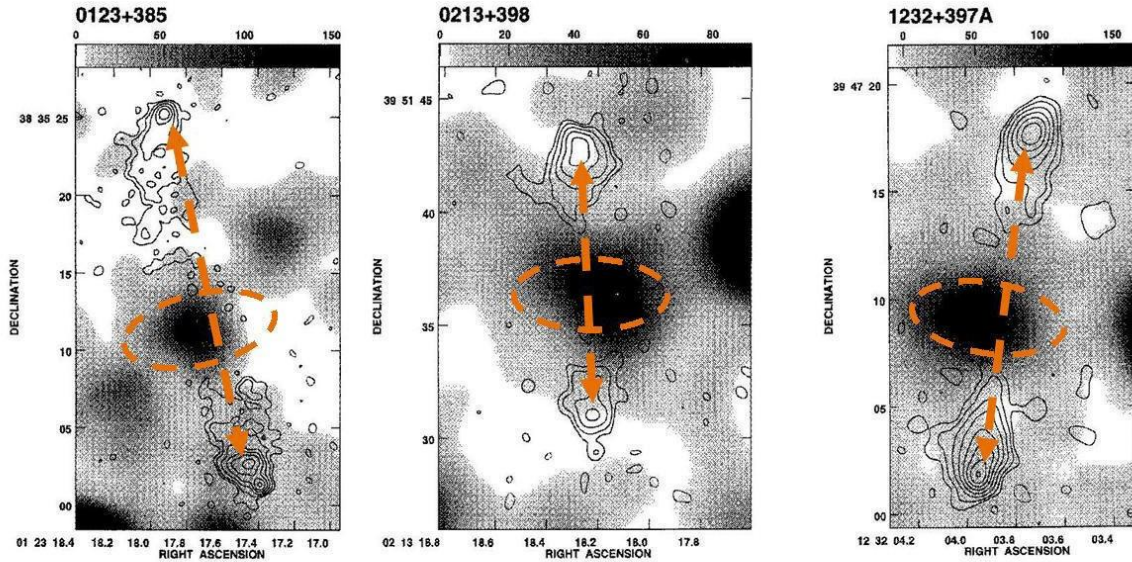


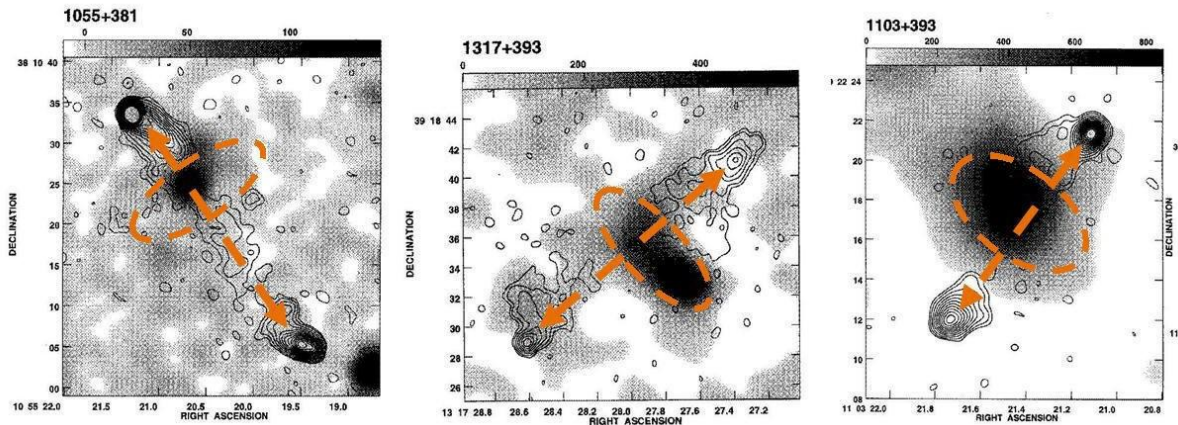
Figure 16,, paired black holes are the origin of spacetime deformation of the Higgs vacuum Lattice and the base for Herbig Haro jets and all other particle jets like the Cygnus-A jets. Dual black holes (1), The

Central Focus point of all star or Galaxy formation called White hole (2), Local Higgs quantum butterfly curves (6) are depicted around locations (7) Black hole event horizon (8)

Examples of dumbbell Galaxy formation between two giant Galaxy Anchor Black Holes (GABHs)



All images are copies from: The Astronomical Journal Vol 109 nr 2 Febr. 1995. the article is called: Faint B3 Radio Galaxies: Luminosity versus evolution effects, authors: F.N.Owen ad W.C. Keel.



Pairing black holes in alignment with fast forming Galaxies in between them seem to be presented here just like the Cygnus-A Galaxy. However we need a new black hole paradigm for that! Black holes should have a globular -but narrow- Fermion repelling and Fermion creating horizon with entropy decrease! Even some Planetary Nebula and Herbig haro objects, show comparable geometry, reason to suggest the same binary BH system for planet related stars (Author: Leo Vuyk.)

Figure 17, Examples of Galaxy anchor Black holes at both sides of the Galaxy.

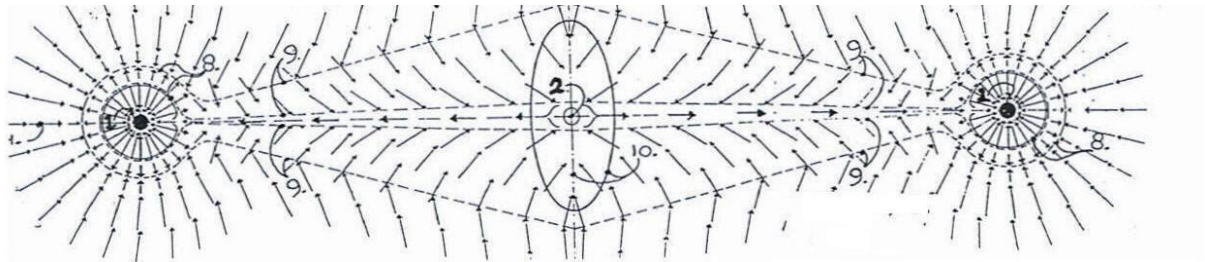


Figure 18, The concentration of Higgs energy around both Black holes (1) the White hole (2) and electron jet channel (9) is depicted by arrows.

Pairing Black holes at all scales is assumed to be present even for our Solar system!

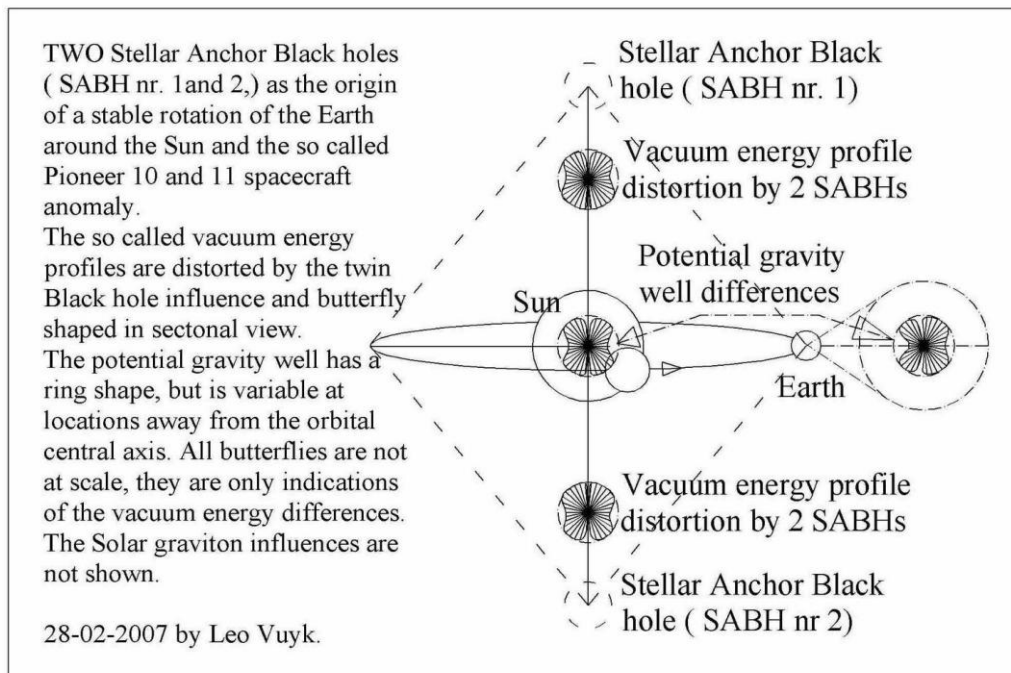


Figure 19, Cross section through the solar system with polar Stellar Anchor Black Holes (SABHs) and indications of the vacuum energy profile distortion, presented as arrays of globular-Higgs pressure vector arrows in butterfly shape.

Conclusion,

The Stellar Anchor Black Hole influence around the Sun could explain the so called Pioneer 10-11 gravity anomaly, because the butterfly shape of the Higgs quantum curve shows a clear necking in the equatorial plane of the Sun..

Just like Cygnus A, there are indications that our Sun is equipped with POLAR electron jets leaving for the two or even more still undiscovered SABHs.

As a result our Sun is the centre of a **perpetual electron pump** with a strong positive charge and a stream of electrons channelled back along the Planets.

If we are able to harness such dual or even multiple Micro Black hole systems, with the size of Ball lightnings, we must be able to reproduce this perpetual electron pump system on Earth to become free energy for all.

Pairing black holes seem to be present at all scales at all phases of the Universe, from Ball lightning, Comet nuclei, Sunspots, Stellar Anchor Black Holes (SABHs) Herbig Haro Objects, Galaxy Anchor Black Holes (GABHs) located just outside Galaxies and even the Big Crunch Black Hole. (BCBH)

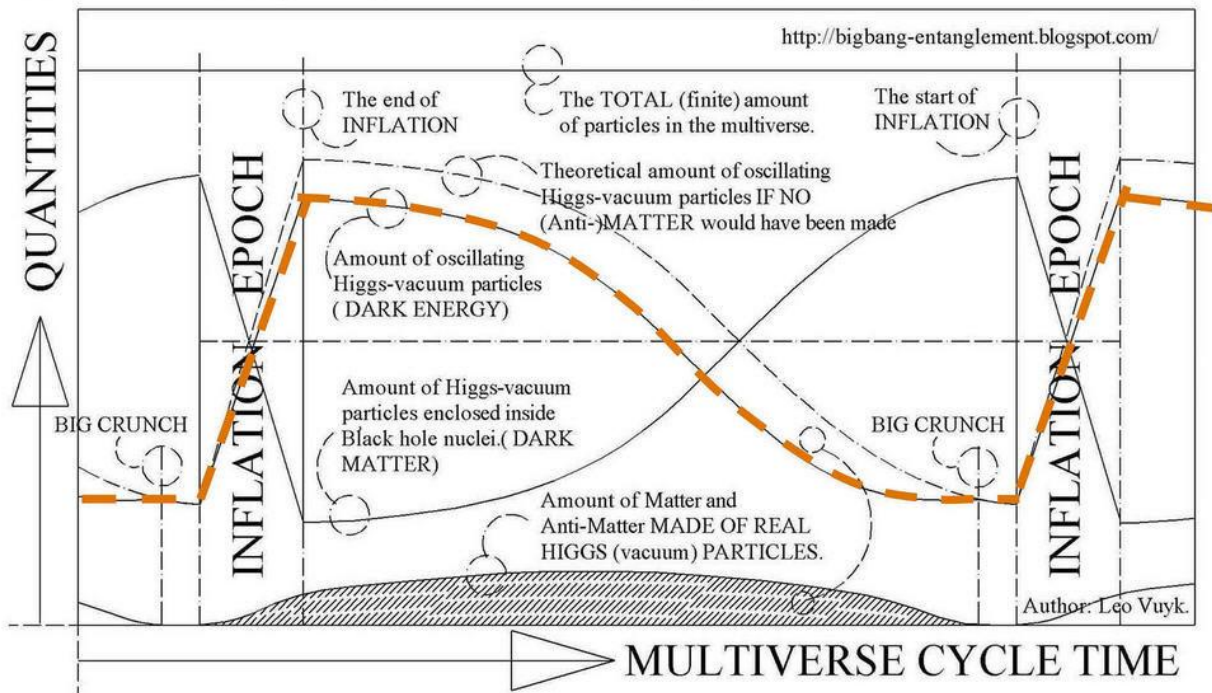
The fast creation of Galaxies in the early universe could be explained by this process. The Big bang seems to be no more than a comparable splitting process of a Big Crunch Black Hole.

If black holes eat the vacuum Higgs lattice, then we may expect that the Universe is contracting after it has been evaporated and partly splitted the full Higgs contents of the Big Crunch Black Hole nucleus.

As a consequence, we seem to live inside a PULSATING Multiverse system with anti-Copy mirror universes mutual entangled down to the scale of each Quantum. That there is reason to assume that this multiverse has a globular symmetrical form, like a raspberry or blackberry, we will describe in a future letter.

The CPT SYMMETRIC MULTIVERSE CYCLE.

The Inflation epoch starts if the decreasing vacuum pressure equals the increasing Higgs tension of the Big Crunch black hole nucleus. Inflation epoch ends if all splintered black hole nuclei are evaporated, or left behind as Galaxy Anchor Black Holes.



The Pulsating Multiverse depicted as a continuous flow of increasing and decreasing numbers free oscillating- and Black hole condensed Higgs particles and the amount of Quarks and leptons. The size of the pulsating multiverse vacuum is given in orange.

Figure 20, Model of the cycle of a pulsating Multiverse.

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