

TWO or THREE Large Quasar Groups (LQGs) located at the start of two or three Lyman Alpha systems and a part of the Raspberry Multiverse?

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Abstract,

According to Quantum FFF Theory, 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 result, a NEW splitting, accelerating and pairing MASSLESS dual Black Hole system seems to be able to convert vacuum energy (ZPE) efficiently into real electric energy and even H₂ production at the black hole horizon, by entropy decrease and is supposed to be responsible for all dark matter and Galaxy formation in the universe.

As a second consequence The Lyman Alpha structure of the universe is also supposed to be originated by this splitting and pairing process of Black holes, which should have been started at the beginning of the universe. Thus the big bang could have been a splitting and evaporation process of one or more central “new paradigm” black holes creating huge black holes based Quasars at the start of the Lyman alpha forest process..

Now I suggest that we can observe a strong signal of such a Black Hole splitting event as the start of a secondary branch of the Lyman Alpha system, at $Z=1.27$, distance, by the recent observation of TWO or even THREE Huge LQGs presented by R.Clowes. et al.

As a consequence of the redshift ($Z=1.27$) , it must be emphasized that this Huge LQG event can only be the start of one of the many branches of the Lyman Alpha forest in the Big Bang process, and not as the start and centre of the raspberry multiverse as depicted here as an example of black hole splitting.

Introduction.

New Physics is supposed to be obtained by the architecture of Quantum FFF (Function Follows Form) Theory.

Characteristics:

1: The clear MICROSTRUCTURE or the 3D FORM of elementary particles, (also called 3D-Preons) made out of convertible Higgs particles, is responsible for “Bound states of Fermions” and composite Quarks.

2: The Higgs is supposed to be energetic oscillating, it is the origin all particle motion and spin states and Dark energy (125 GeV) inside a truncated tetrahedron shaped chiral vacuum lattice. The lattice chirality (left or right handed) is the origin of our material universe. Higgs particles are zero point “Planck Oscillators” the origin of the Casimir force, waiting to be harnessed as free energy.

3: NOTHING SUCKS IN PHYSICS, Gravitons act with less pressure on Fermions than the Higgs vacuum (dark energy) and everything is ENTANGLED by INSTANT communication between at least two anti-copy UNIVERSES or MULTIVERSE, being entangled since the big bang.

4: Black holes of all sizes (down to ball lightning) do not emit gravitons, they feel only Casimir Gravity of the vacuum oscillations so they are massless but counter intuitively the origin of dark matter and producers of all Hydrogen by electron and Positron pairs as horizon fluctuations and repel all Fermions at the BH horizon.

5: The Multiverse is Pulsating by two phenomena, A; vacuum (Higgs) eating new paradigm dark matter black holes (causing the Hubble redshift) and B: by universal expansion caused by the oscillation force (Dark energy) of the Higgs vacuum lattice.

FUNCTION FOLLOWS FORM in Quantum FFF-Theory. The Microstructure of elementary particles, is supposed to be the origin of FUNCTIONAL differences between Higgs- Photon- and propeller shaped Fermion particles.

Something SMALL is missing in mainstream physics: a NEW splitting and pairing MASSLESS BLACK HOLE, the origin of all dark matter, Ball Lightning Micro Comets , Comets, Sunspots up to Galaxy external Anchor Black Holes and the Big Crunch of the CP symmetric pulsating raspberry shaped multiverse.

The multiverse is a huge pinball machine, with dark energy in the form of linear oscillating double Higgs pins as the origin of photonic collision products with the propeller shaped Fermions as balls. All forces are the result of this entangled Pin-Ball interaction.

The 125GeV Boson recently found in the LHC is not a single but a double massless 3rd generation Higgs boson linear oscillating in tandem as opposing boxer engine pistons in a chiral truncated tetrahedron lattice.

The 125GeV energy is the base for universal dark energy, the frequency is the base for local time and the length a base for the Planck scale. (Twin Higgs, Dual Higgs, Duplex Higgs, or Tandem Higgs)

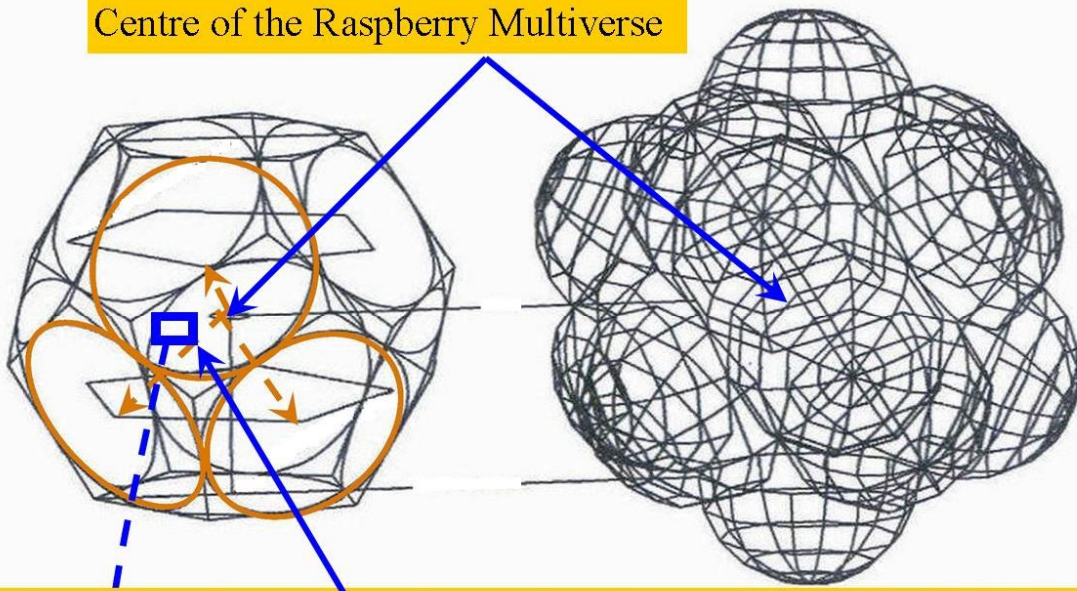
AS A RESULT,. An unstable Higgs vacuum seems to be present around all black hole horizons due to observed H₂ production and annihilation radiation created by pair production of positrons and electrons. (Instability of the Higgs field) (Ref. 25)

The Lyman alpha Structure of the universe seems to be the result of the H₂ production and black hole splitting process, which seems to be supported by the recently observed HUGE Quasar Groups found by R.Clowes, et al. (Ref: 29)

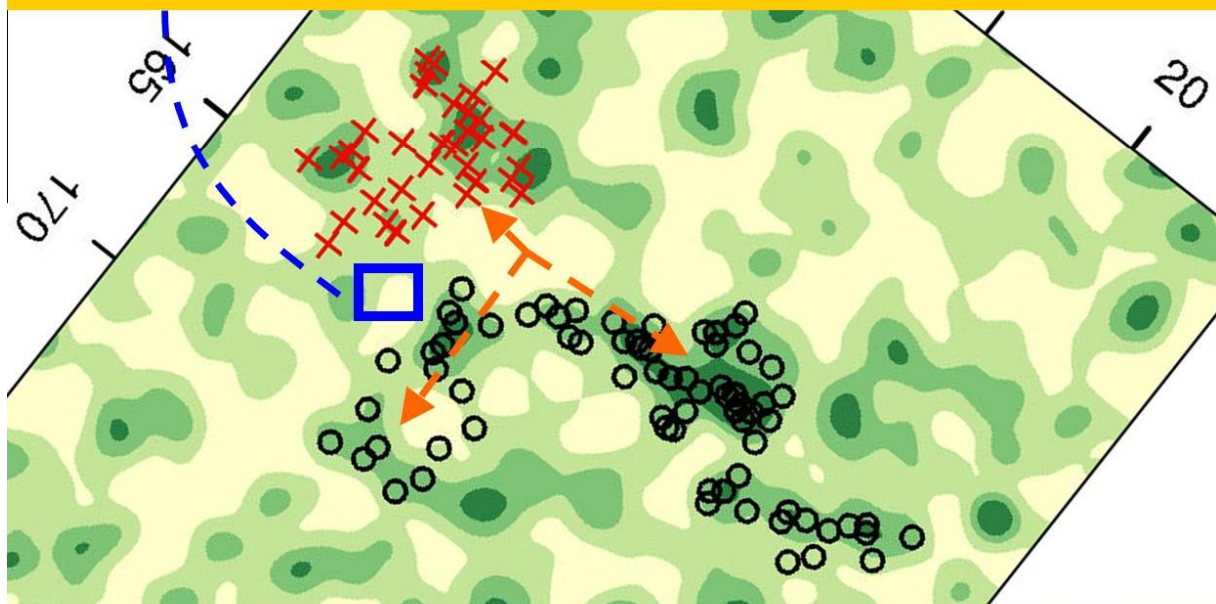
Consequently this seems to be a new support to consider such an alternative Big Bang black hole splitting process.

THREE LQG's (Large Quasar Groups, suggested by R.Clowes et. al) seem to be related to the Big Bang- Black Hole evaporation process of the Raspberry shaped Multiverse (12x anti-copy universes) according to Quantum FFF (Function Follows Form) Theory. (author L.Vuyk)

Centre of the Raspberry Multiverse



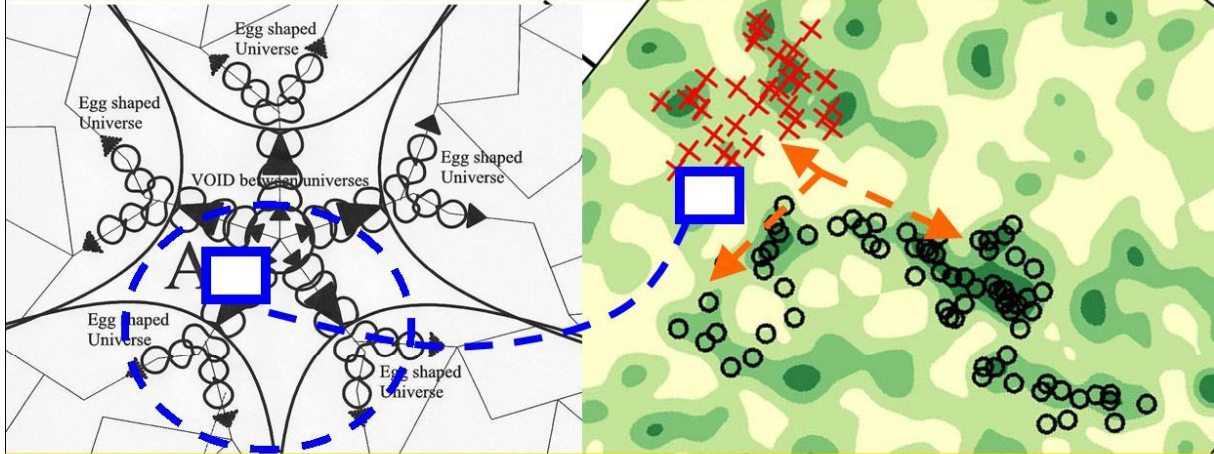
Position of The Earth (our telescope) looking at THREE LARGE QUASAR GROUPS being the start of three (out of 12x) universes at the centre of the Multiverse. The other 9x universal LQG's are out of site!



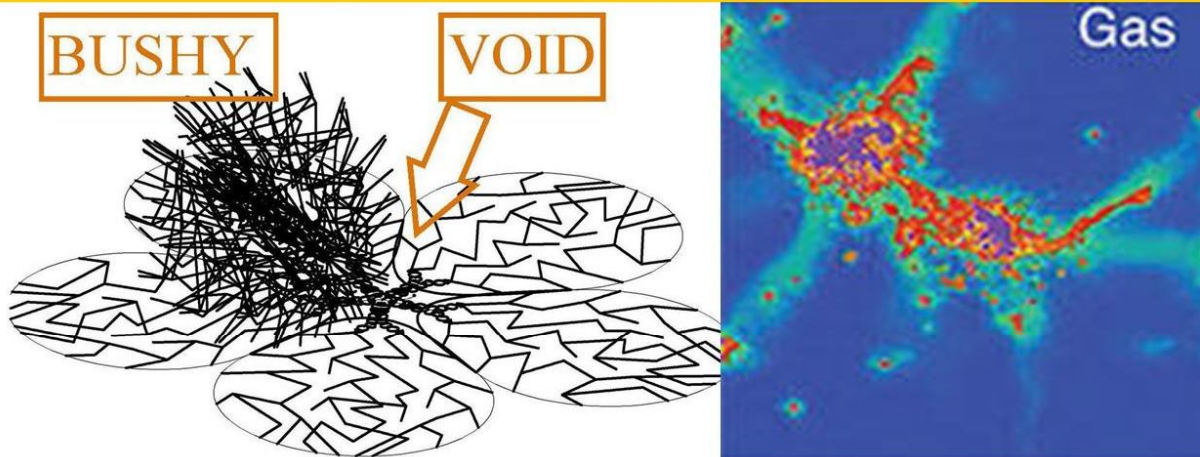
Professor R. Clowes et al. suggested already (but also rejected) that the Huge LQG group (black circles) could be a dual group based on the sharp curvature in the middle.

Figure 1, suggestion to choose for THREE large Quasar Groups and you are looking at the hart of the Big Bang.

The start of the alternative Big Bang or Black Hole splitting and evaporation process, the creation of the Raspberry shaped Multiverse (12x anti-copy big-bang entangled universes) according to Quantum FFF (Function Follows Form) Theory.



The Big Bang Black Hole splitting and evaporation process (or branched inflation) is supposed to create the ‘bushy’ Lyman alpha galaxy and gas distribution of the universe leading to so called “fingers and voids”



“Branched Inflation” of the Universe: the Origin of Fingers and Voids.

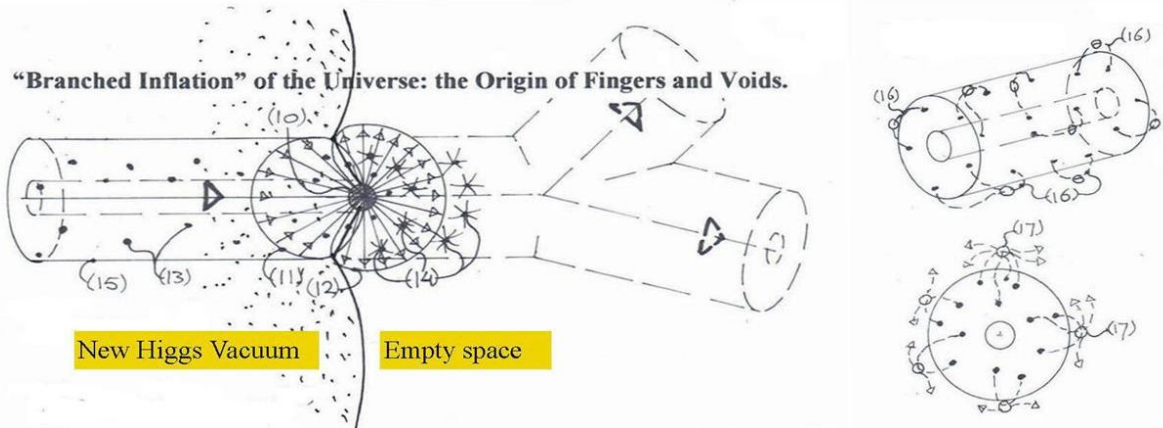
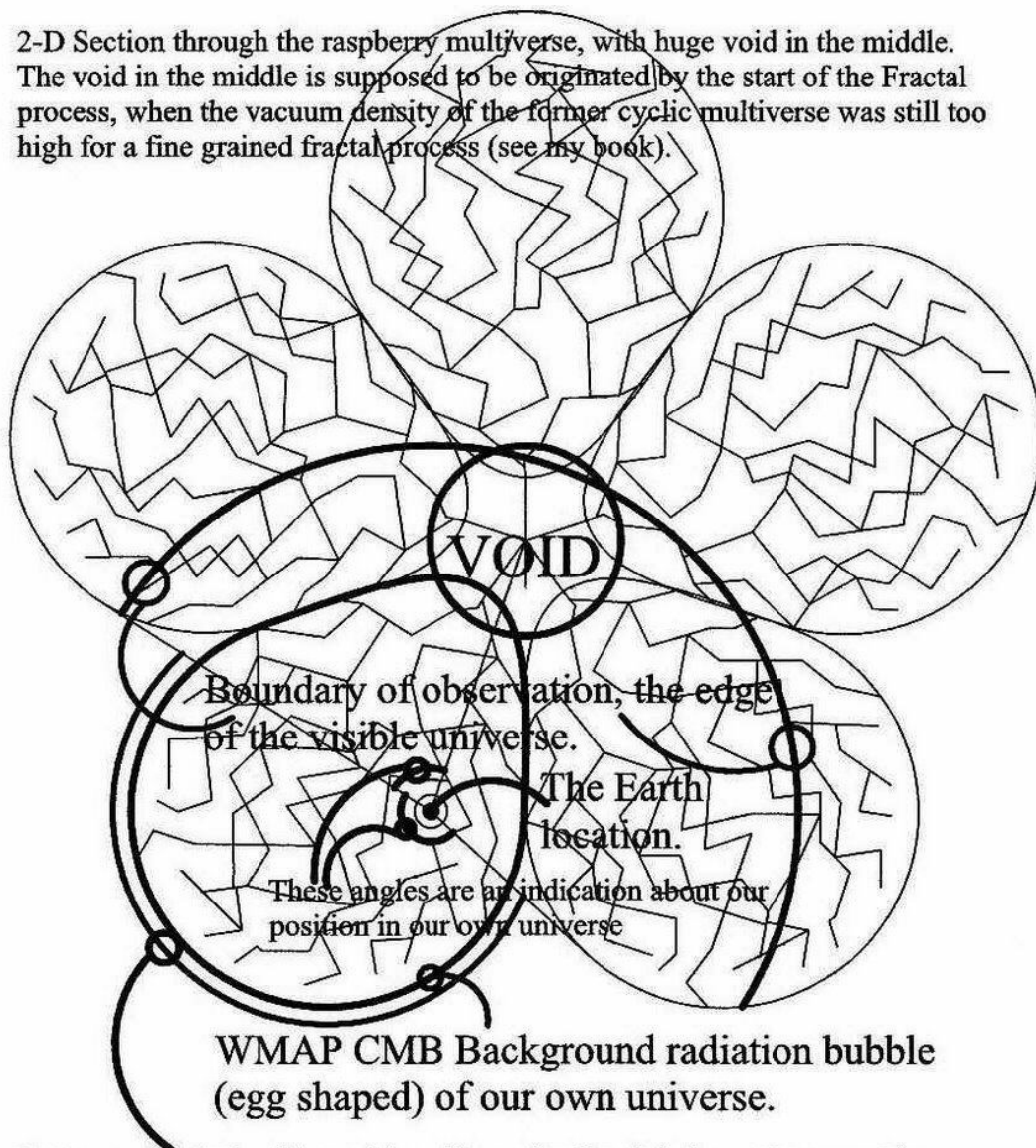


Figure 2, Splitting and Pairing Black holes in the Quasar Galaxy creation process and the Higgs vacuum itself..

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

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

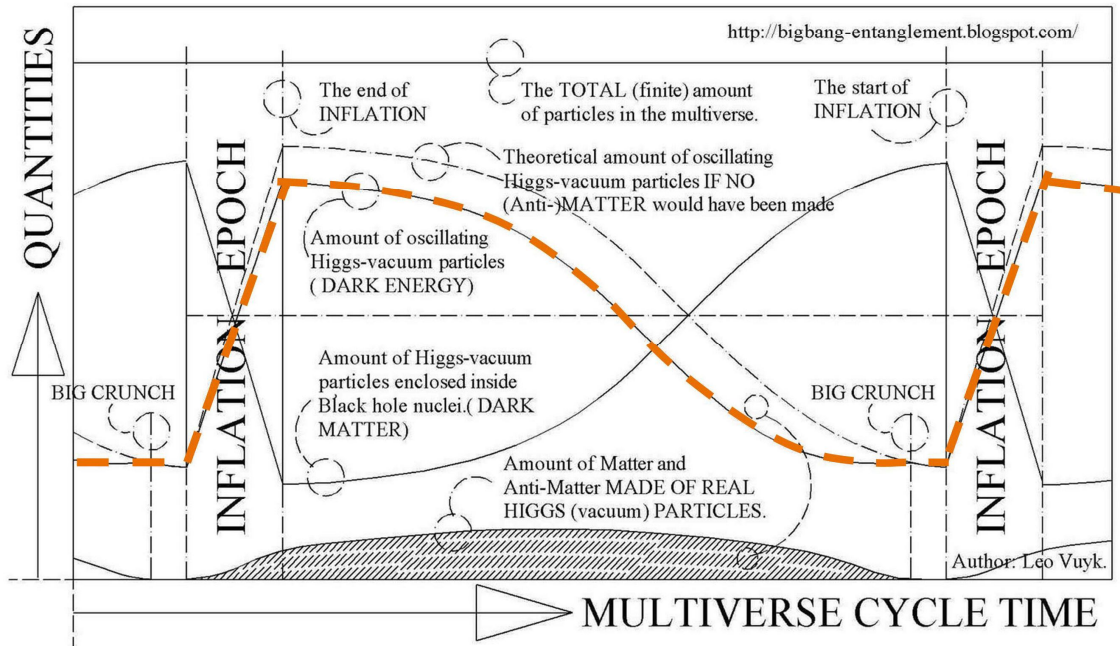
2-D Section through the raspberry multiverse, with huge void in the middle. The void in the middle is supposed to be originated by the start of the Fractal process, when the vacuum density of the former cyclic multiverse was still too high for a fine grained fractal process (see my book).



Future research should provide evidence for the globular anti-symmetric distribution of galaxy clusters without a CMB shadow. In the external half of the globular hemisphere all galaxy clusters will show up with a clear shadow in the CMB, because there are no galaxies located behind this part of the CMB. The angle which will be measured between these two hemispheres will be an indication for our observer location in our own Universe. (author: Leo Vuyk)

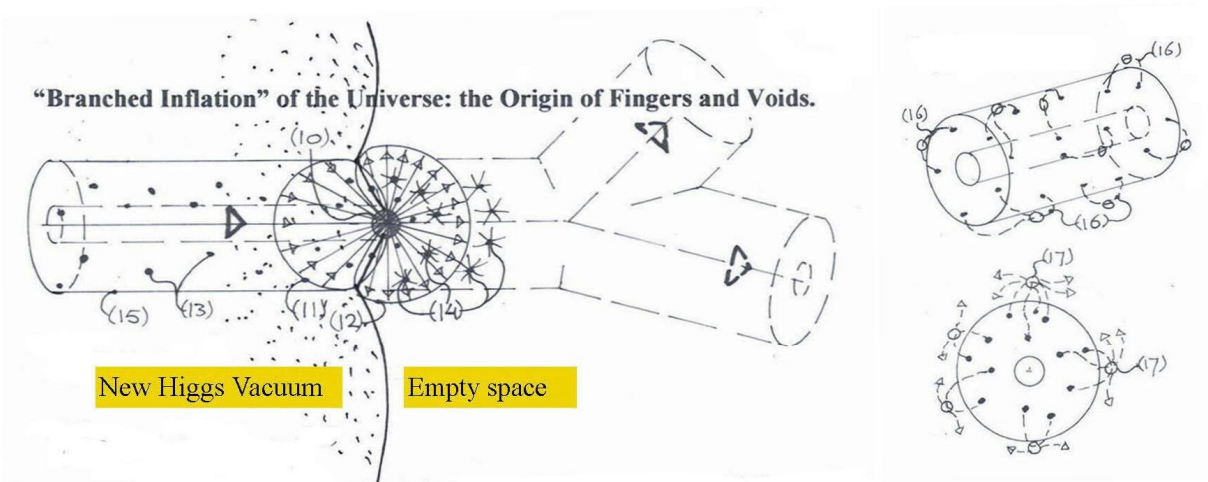
Figure 3, The Raspberry Multiverse (12x)

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 4, The CPT symmetric Multiverse cycle.



The origin of the Lyman Alpha Forest (15) and Higgs vacuum, by the splitting of the Big Bang Black Hole (BBBH) into smaller Splinter BHs (10). The splinter BHs (10) evaporate into smaller evaporating black holes at the Front (14) which compensate the pressure from the Backside splinter BHs (11). The BHs (11) are assumed to partly evaporate like BHs (14) also into a newly formed oscillating Higgs vacuum until the Higgs vacuum pressure stops the evaporation and leave Galaxy Forming BHs (13) behind. However single BH will pair (16) with the nearest other BHs to form Dumbbell systems, which efficiently form Giant Stars and Galaxies (17) in between. (author: Leo vuyk)

Figure 5, Branched inflation : explanation of the numbers

Birkeland/ Aflven circuit currents around stars and galaxies, are driven by new paradigm tandem black holes, producing an external excess of negative charged plasma accelerated by the Casimir polarized vacuum (or Higgs polarized oscillations, according to Q-FFF Theory)

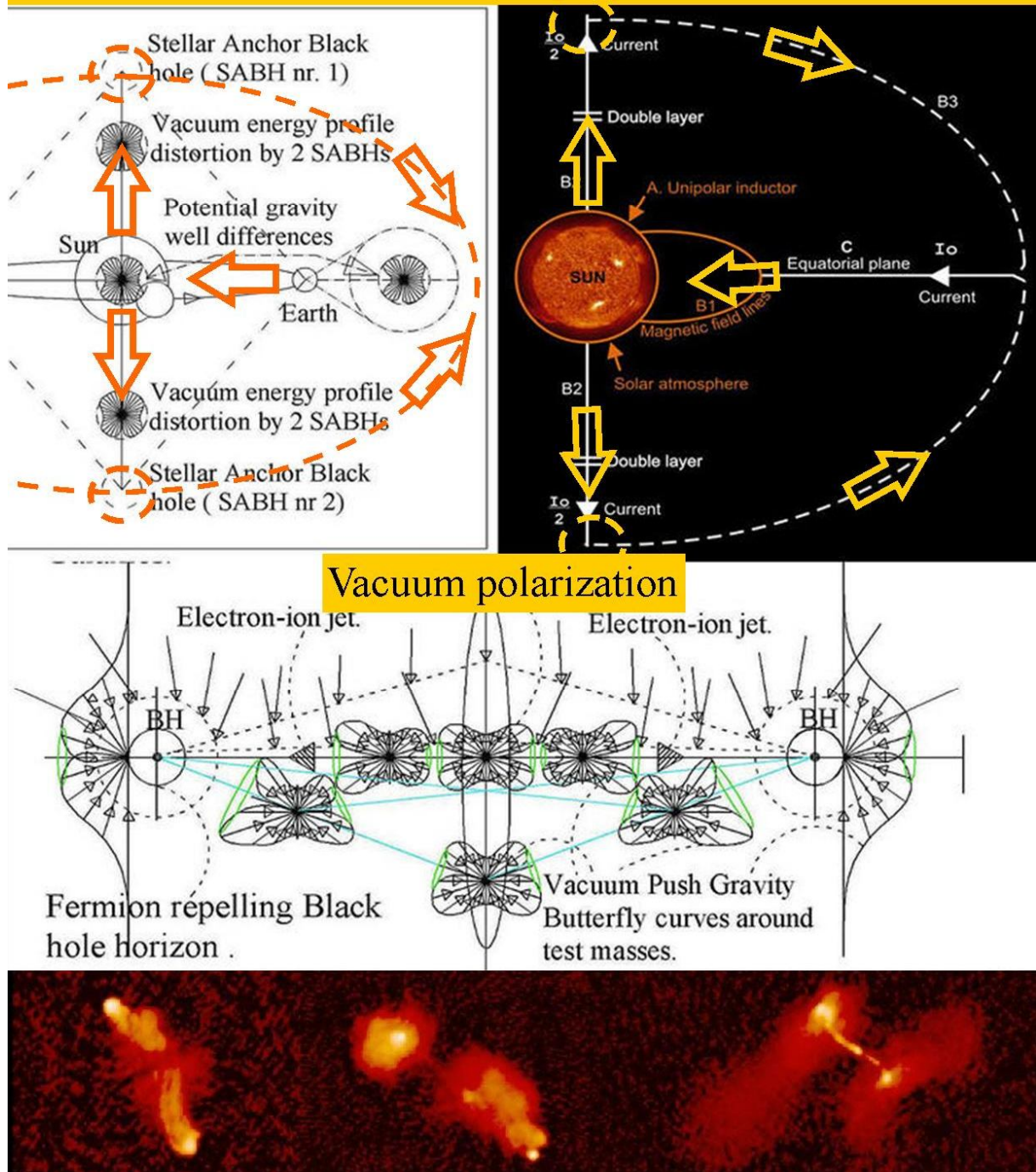
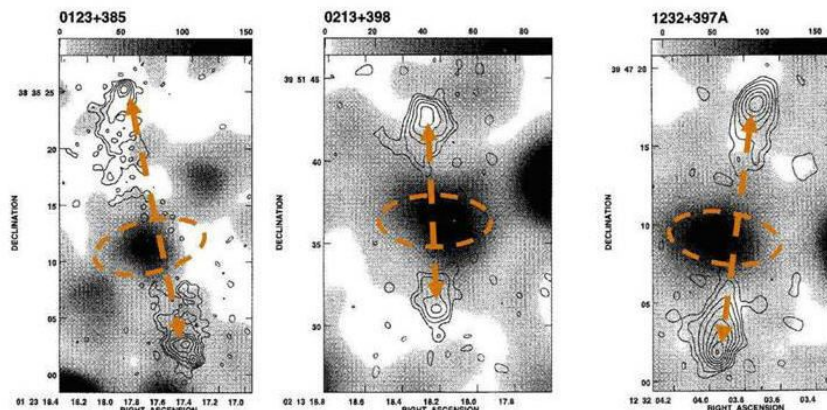
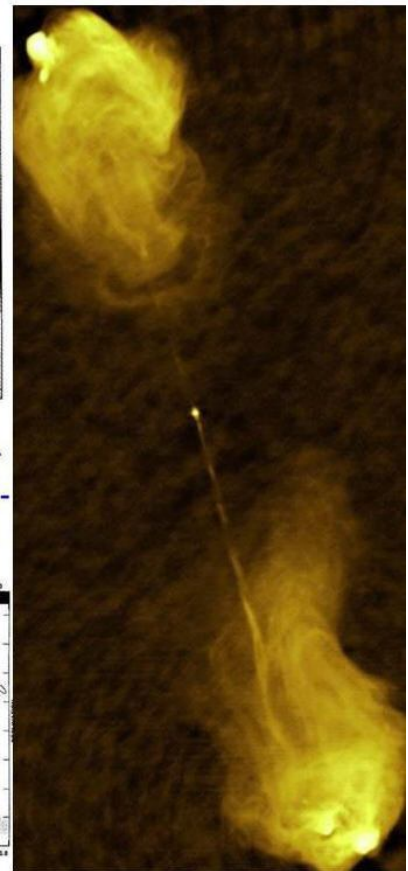
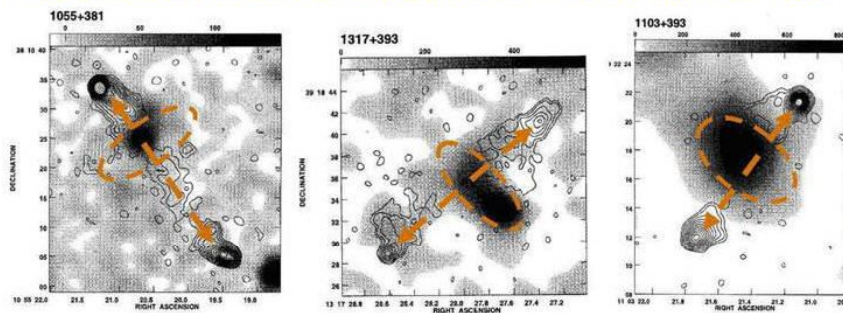


Figure 6. Oscillating Higgs vacuum polarisation with the resulting gas acceleration between black holes of difference sizes like Stellar Anchor Black Holes and Galaxy Anchor Black Holes.



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.



TWO pairing and receding micro black holes, propelled by unstable ionised gas tails, as observed in many Nebula: Carina, Eagle, Crab etc. creating HH objects or Gas Pillars.

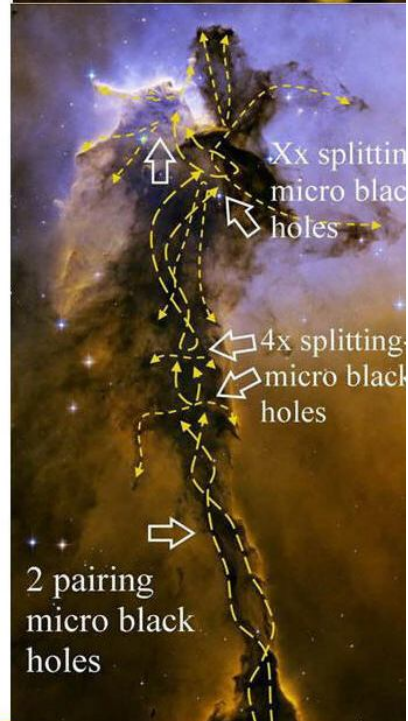
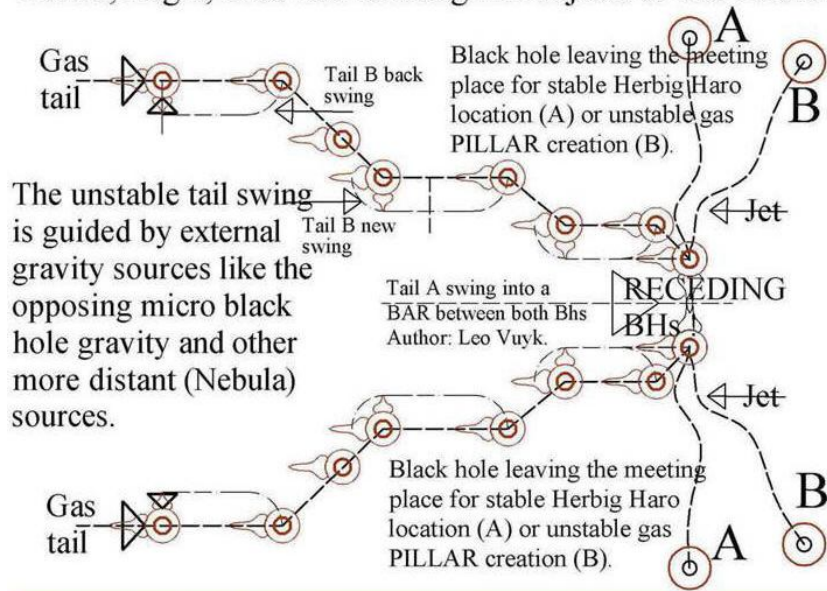


Figure 7. Pairing and Splitting Black Holes in Early galaxies Cygnus A and inside Nebula.

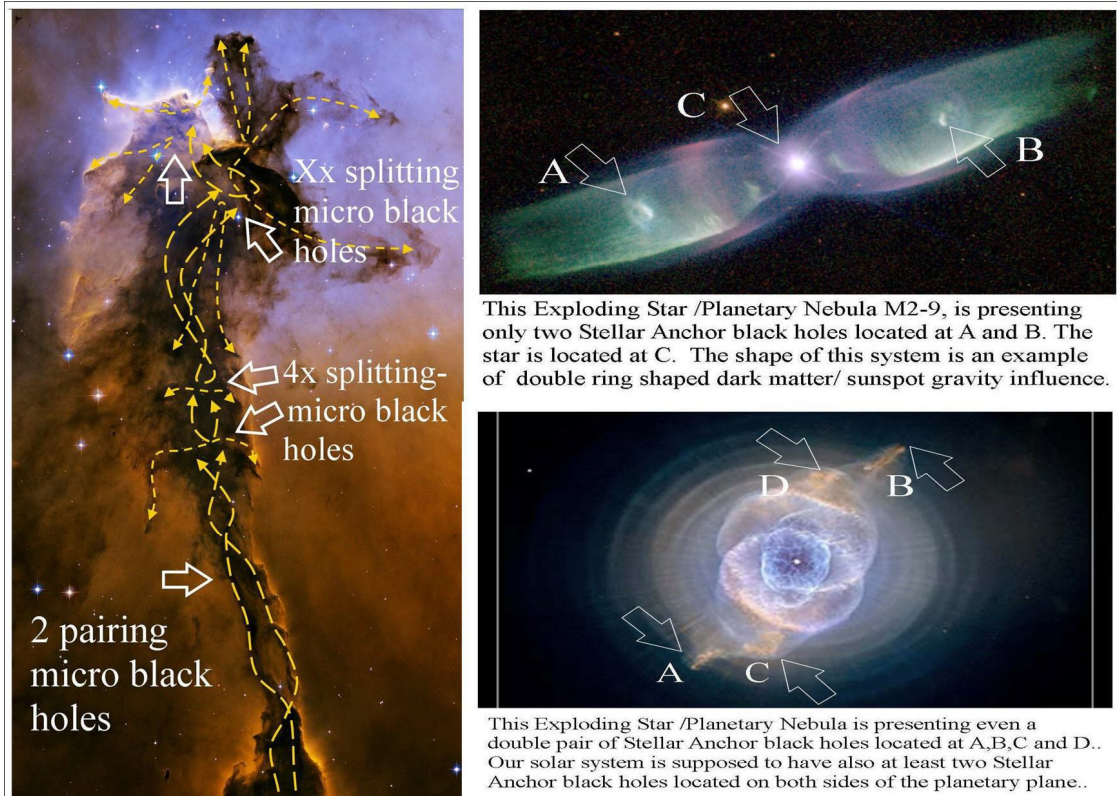


Figure 8. Pairing and Herbig Haro producing black holes inside Nebula and observed as hotspots around exploding stars.

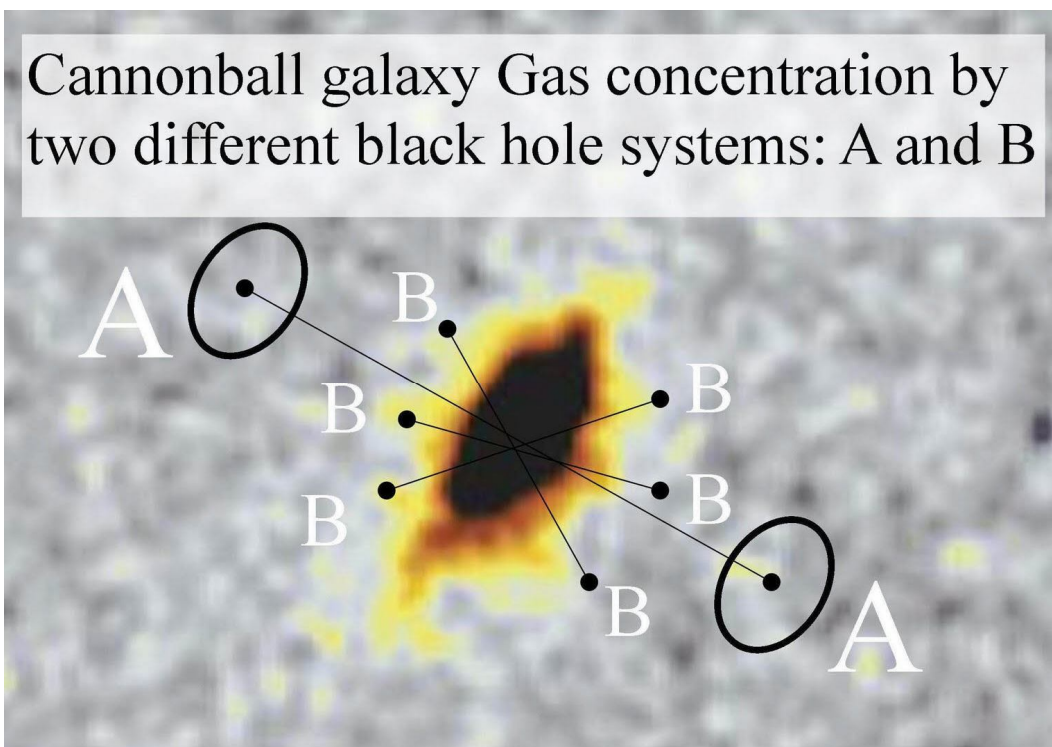


Figure 9. Early Cannonball Galaxy with additional Galaxy Anchor Black Hole system according to Quantum FFF Theory.

BH system A= primordial Giant Black Holes left over from the Big Bang BH splitting process. BH system B= is created by the first supernova explosion Black Holes.

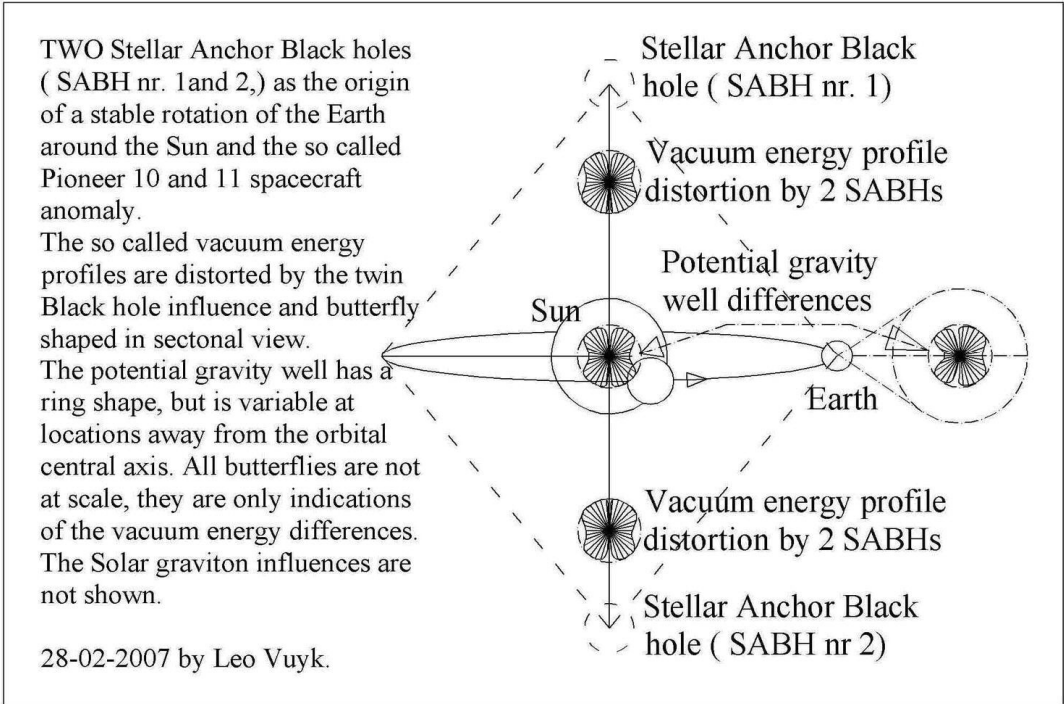
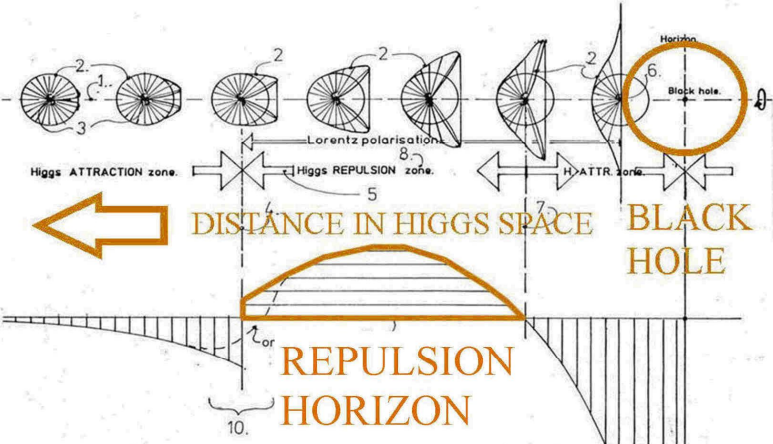


Figure 10. Stellar Anchor Black Holes (SABHs) and the Sun.

The Fermion repelling horizon of new black holes



7x Higgs quantum curves (2) are depicted for Fermions (3) with different distance to the BH. 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 11. Fermion repelling horizon of new paradigm black holes.

Examples of “new” black holes, accelerated by self produced H₂ gas tails leaving gas pillars behind and splitting into Herbig Haro Objects (like HH555) to form a star forming centre in between, according to Quantum FFF Theory.

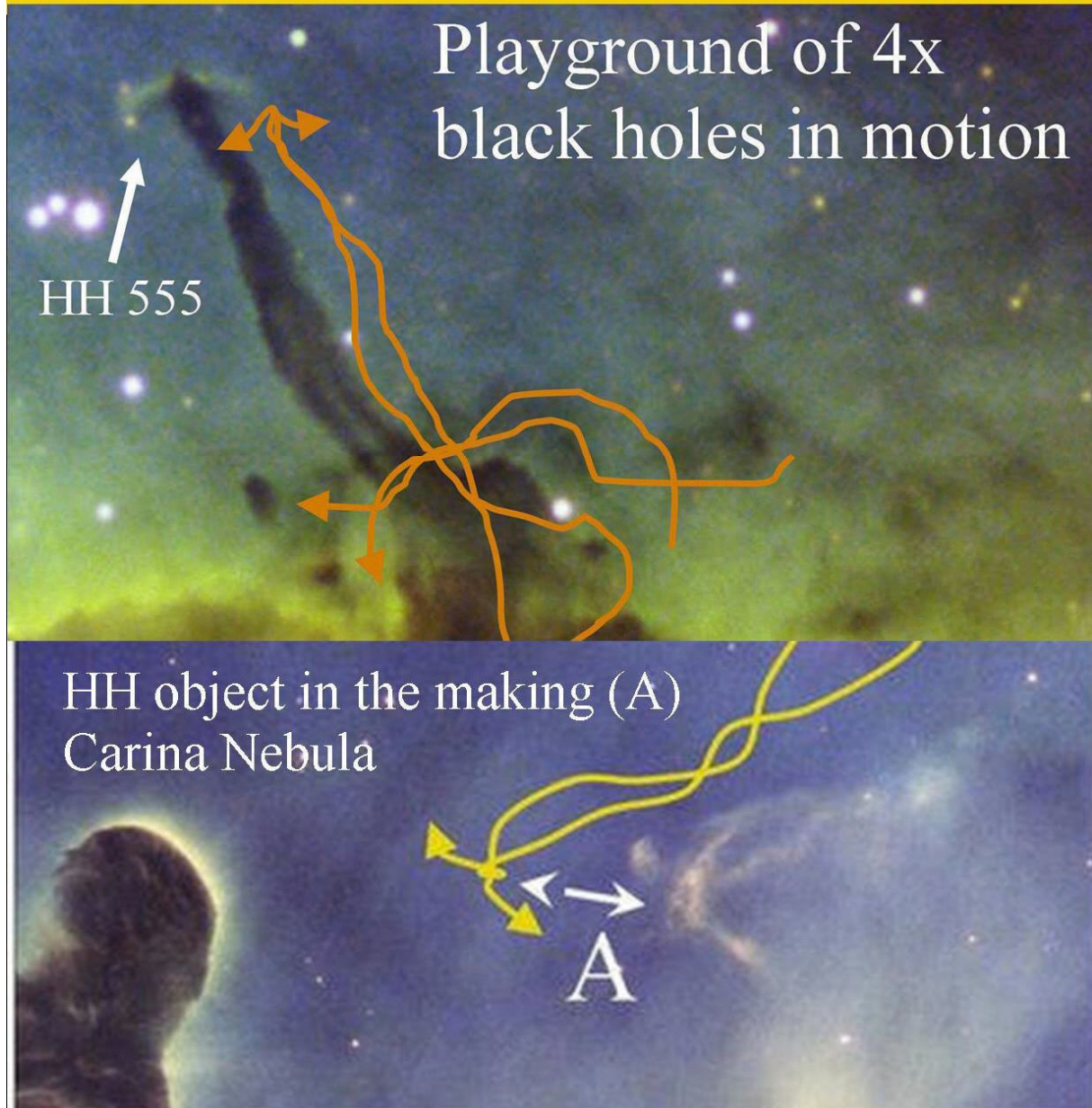


Figure 12. Examples of pairing and receding new micro black holes inside. Splitting to create Herbig Haro Objects with star formation in between.

The New Black Hole Paradigm according to Quantum-FFF Theory.

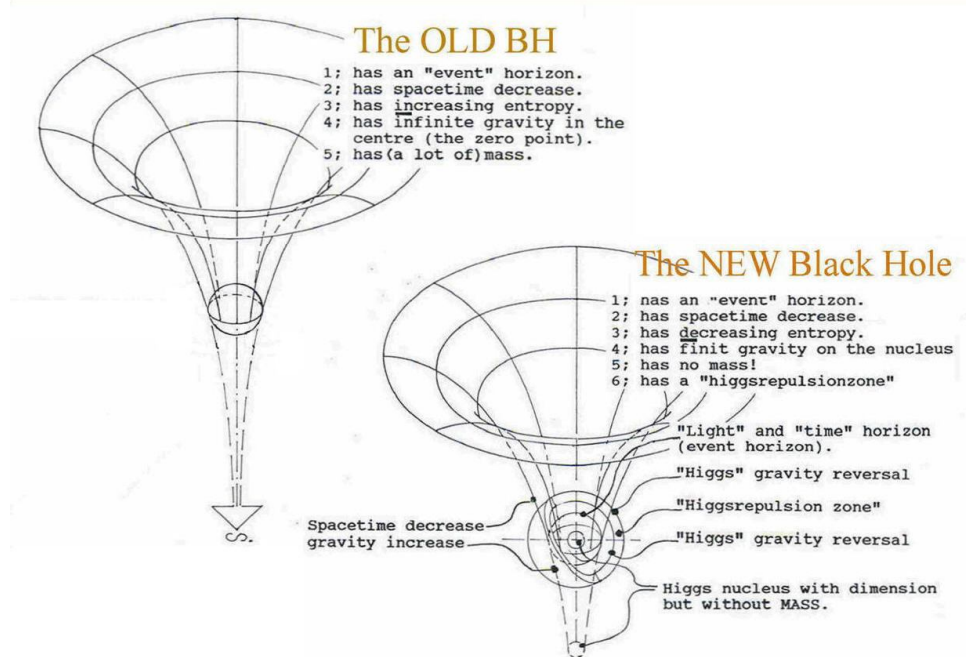
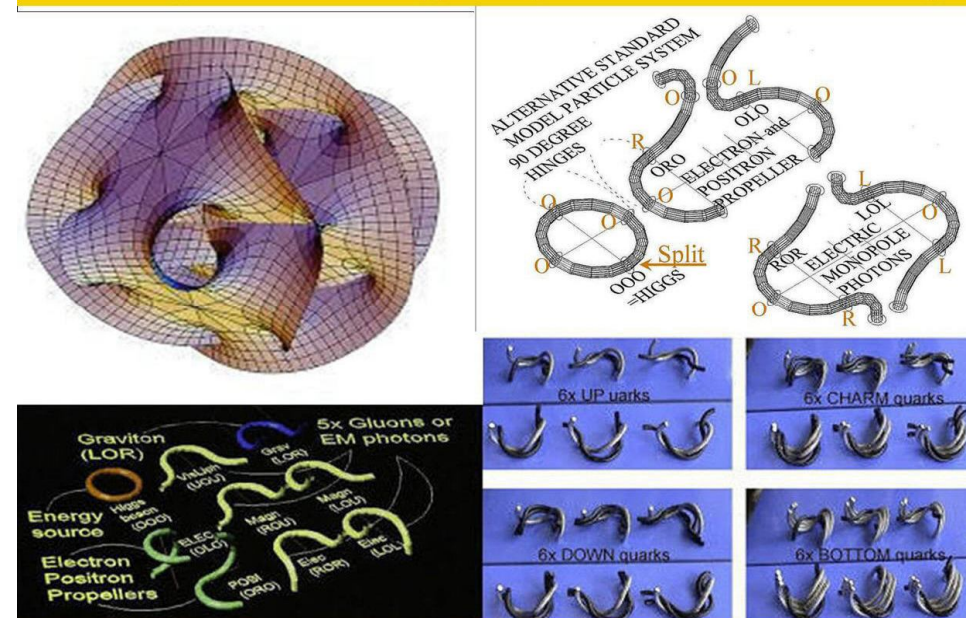


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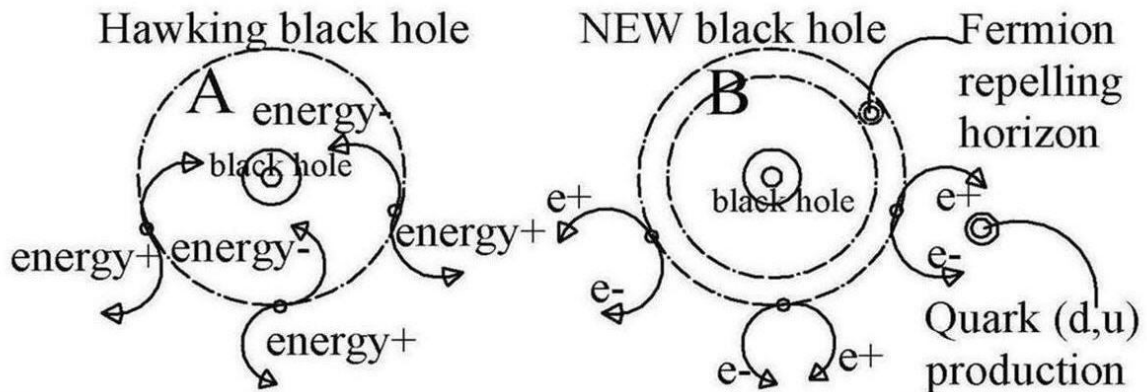
The New Electric Dark Matter Black Hole Paradigm according to Quantum-FFF Theory.



Calabi Yau manifolds due to dual axis spin rotation of Fermion propellers driven by the linear oscillating Higgs vacuum.

Figure: 14,

The New Electric Dark Matter Black Hole Paradigm according to Quantum-FFF Theory.



The new black hole is equipped with a Fermion repelling horizon. Fermion Pair production happens around this horizon and produce Quarks (d,u). The Plasma is pushed away from the BH horizon by a so called Fermion propeller spin flip effect.

Due to strong Casimir gravity without a countering graviton effect Free electrons tend to stay at the outside of the plasma cloud creating the ELECTRIC Black Hole. Tandem BH systems create Alfven circuits with plasma creation and rapid transport around stars and galaxies such as Cygnus A (below).

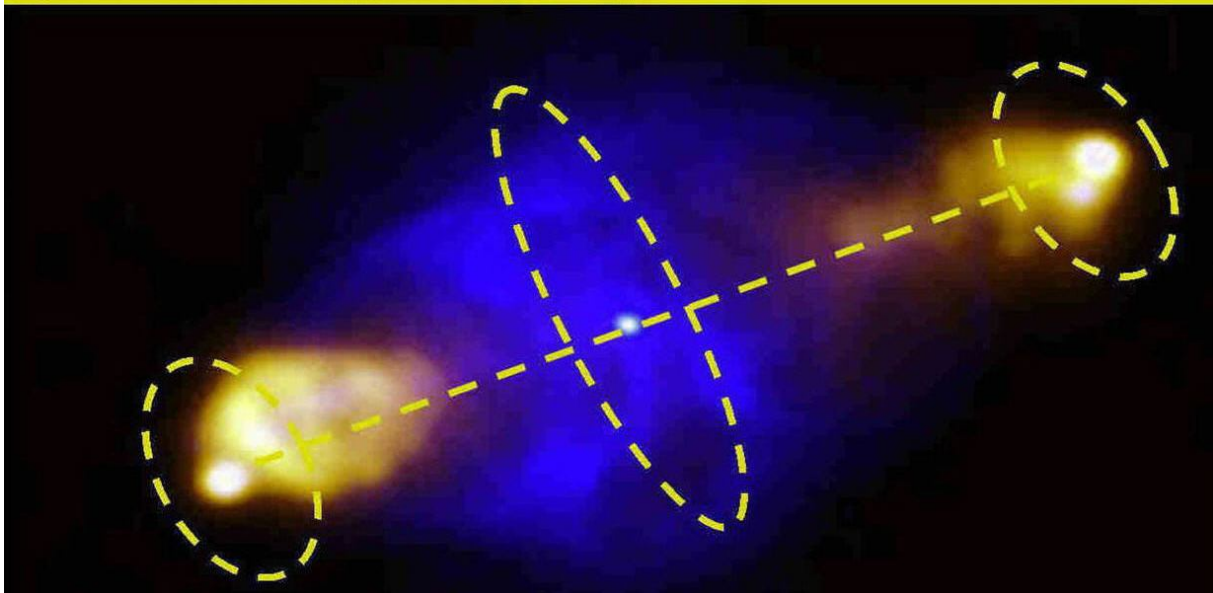


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