

The Navel Cord Multiverse with Raspberry Shape, a Super Symmetric Entangled 12 Fold Bubble Universe.

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Abstract,

THREE observed Large Quasar Groups (LQGs) located at the start of three Lyman Alpha Forrest Fractal systems in each of three universe.

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 that event by the recent observation of TWO or even THREE Huge LQGs presented by R.Clowes. et al. as the NAVEL CORD start of the Raspberry shaped bouncing Multiverse out of which we are living in one of them.

It is well known that the Higgs mass of 126 GeV. found at CERN, is just in between the two values of 115 GeV and 140 GeV predicted to be a fit for respectively Super Symmetry and the Multiverse.

The 126 GeV, indicates also that the Higgs must be unstable and as a result the Multiverse itself should be unstable or cyclic, all of which is included in The Navel Cord Multiverse with Raspberry shape.

Introduction.

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

The characteristics are:

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 (126 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 126GeV 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 126GeV 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)

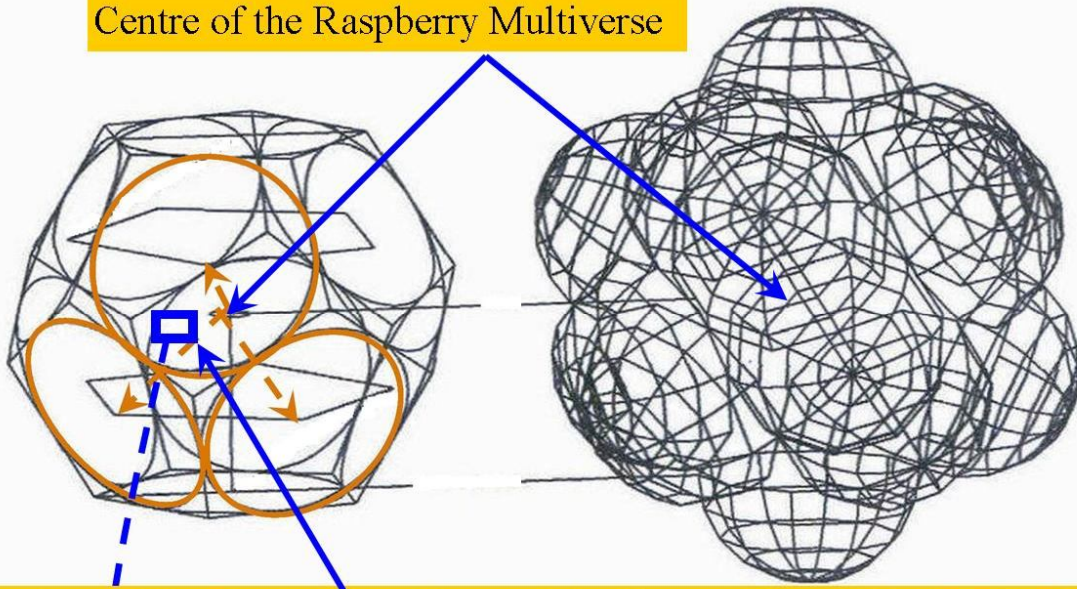
AS A RESULT,. An unstable Higgs vacuum seems to be present around all black hole horizons due to observed H₂ production and annihilation radiation created by pair production of positrons and electrons. (Instability of the Higgs field) (Ref. 25)

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)

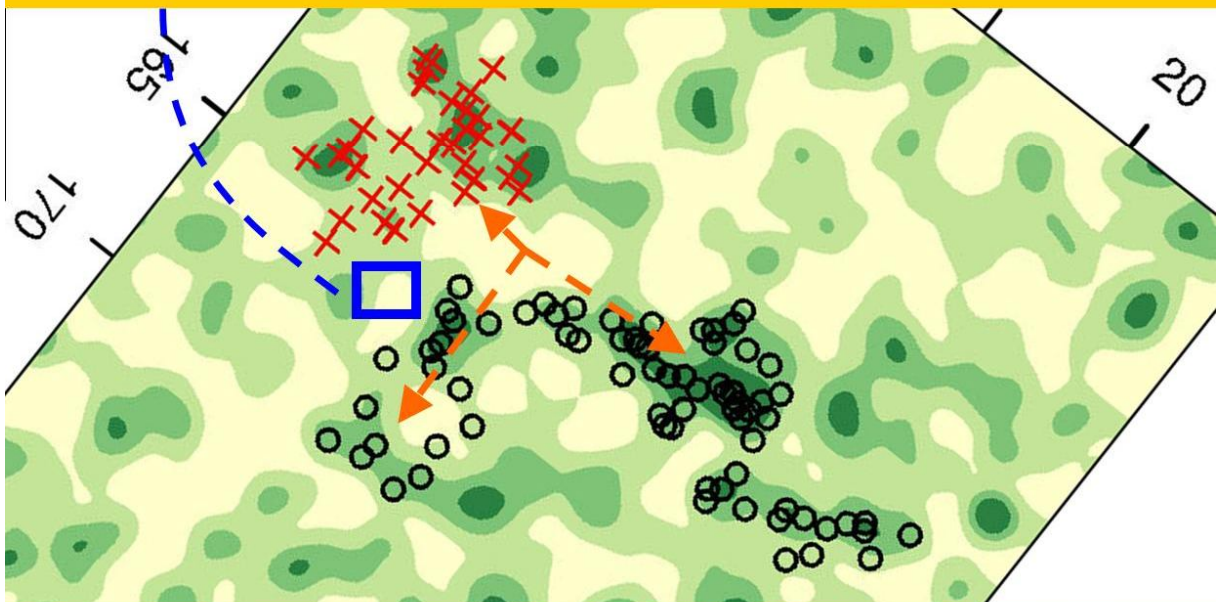
Consequently this is a new support for an alternative Big Bang black hole splitting process.

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



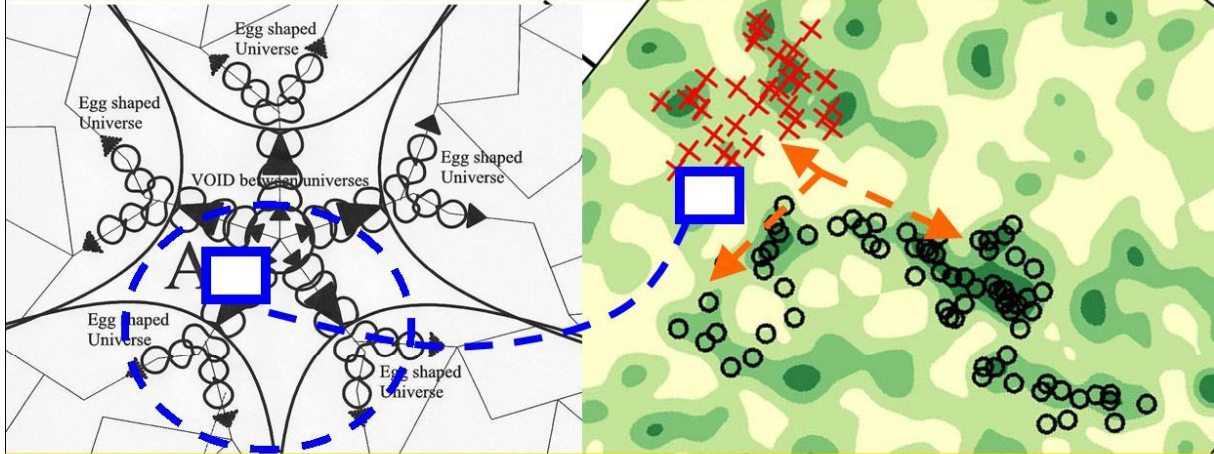
Position of The Earth (our telescope) looking at THREE LARGE QUASAR GROUPS being the start of three (out of 12x) universes at the centre of the Multiverse. The other 9x universal LQG's are out of site!



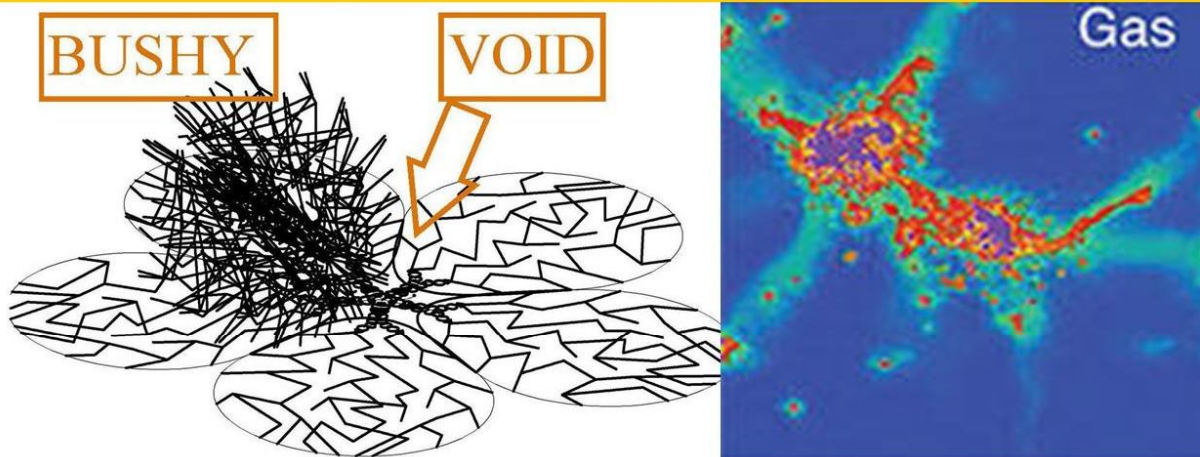
Professor R. Clowes et al. suggested already (but also rejected) that the Huge LQG group (black circles) could be a dual group based on the sharp curvature in the middle.

Figure 1, THREE large Quasar Groups as the hart or Navel Cord of the Splitting Black Hole 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.

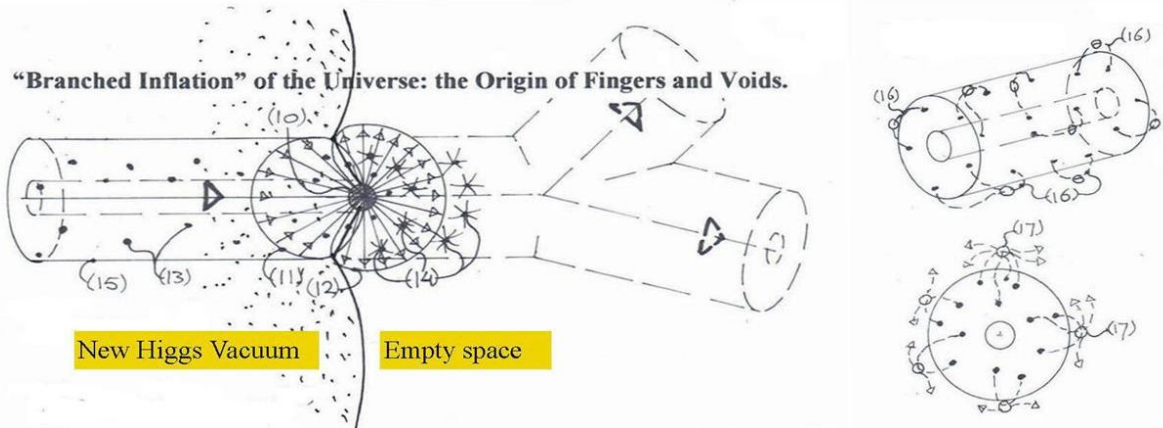
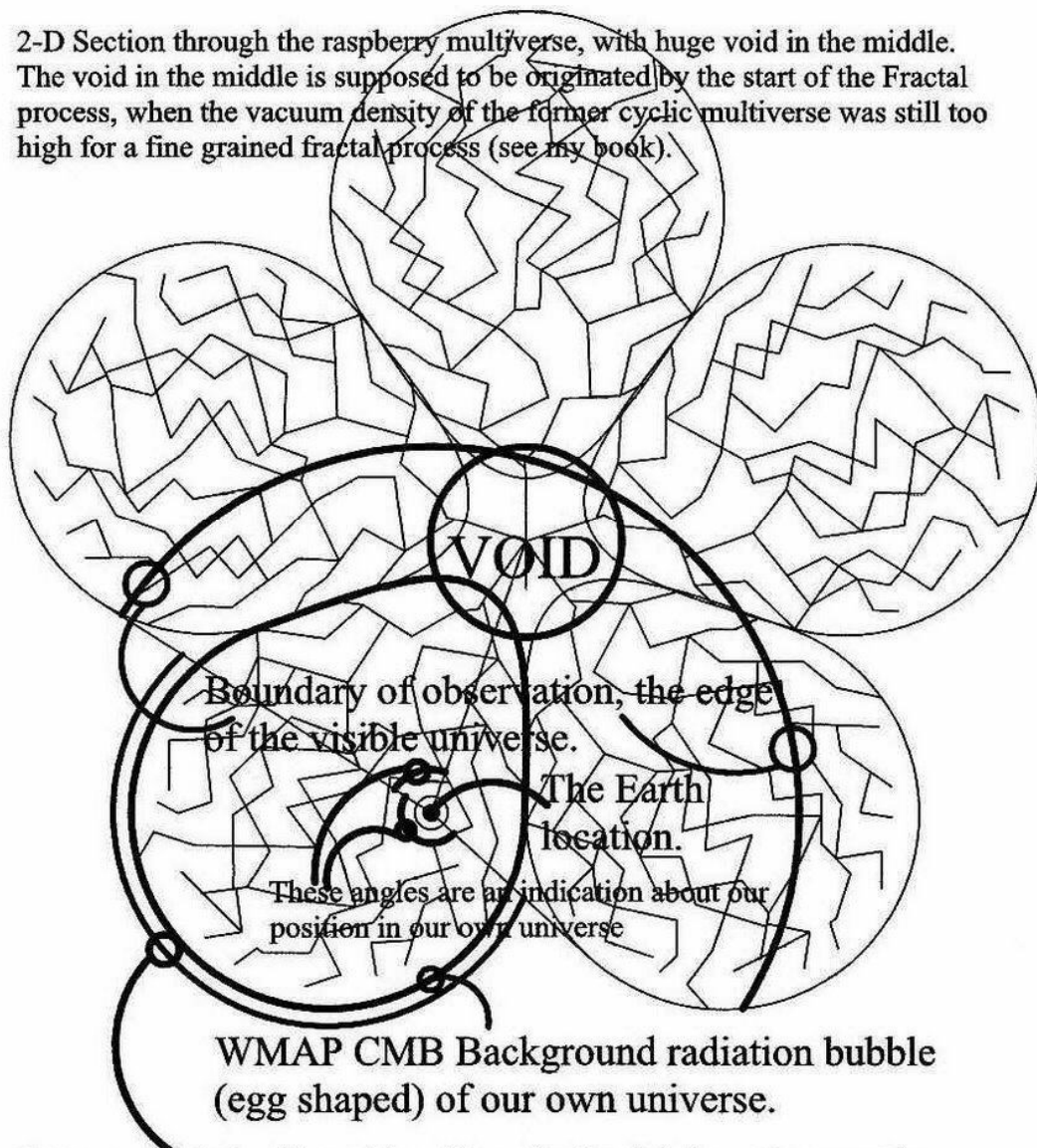


Figure 2, Splitting and Pairing Black holes in the Quasar- Galaxy creation process and the BH evaporation of the oscillating Higgs vacuum itself..

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.

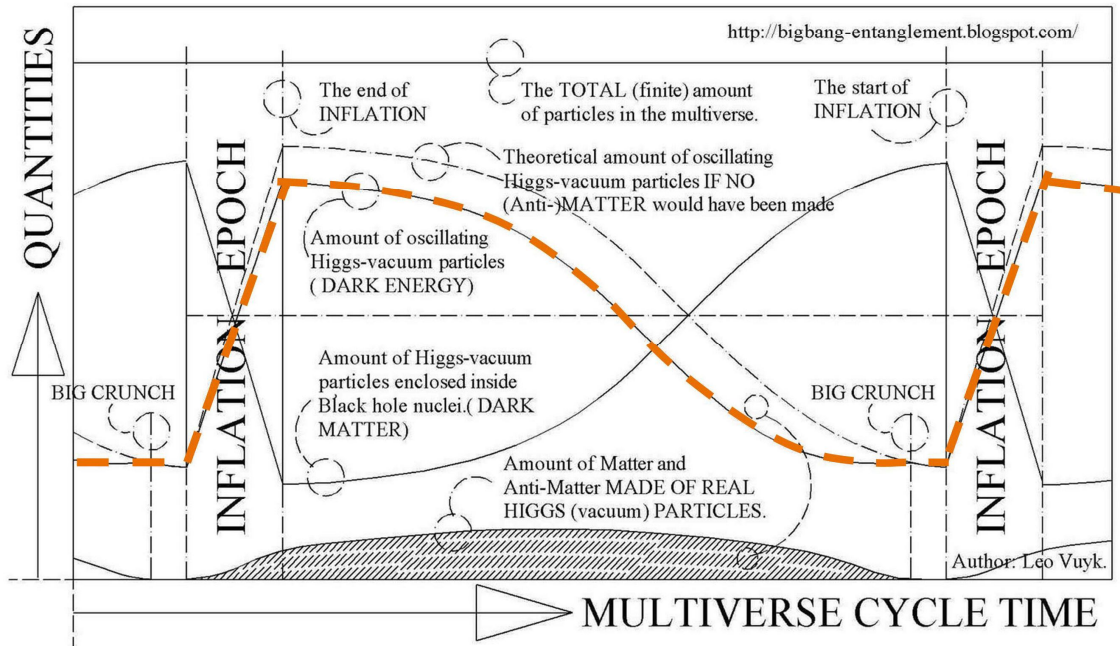
2-D Section through the raspberry multiverse, with huge void in the middle. The void in the middle is supposed to be originated by the start of the Fractal process, when the vacuum density of the former cyclic multiverse was still too high for a fine grained fractal process (see my book).



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)

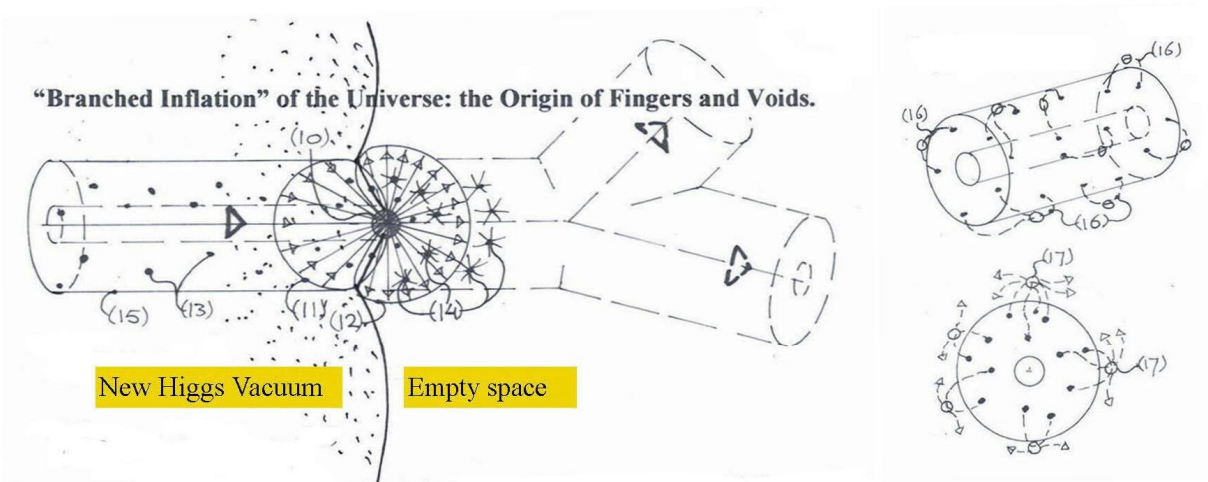
Figure 3, The Raspberry Multiverse (12x)

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

Electric Current processing between dual Dark Matter Black Hole systems around the Sun and Spiral Galaxies, according to Quantum FFF Theoery

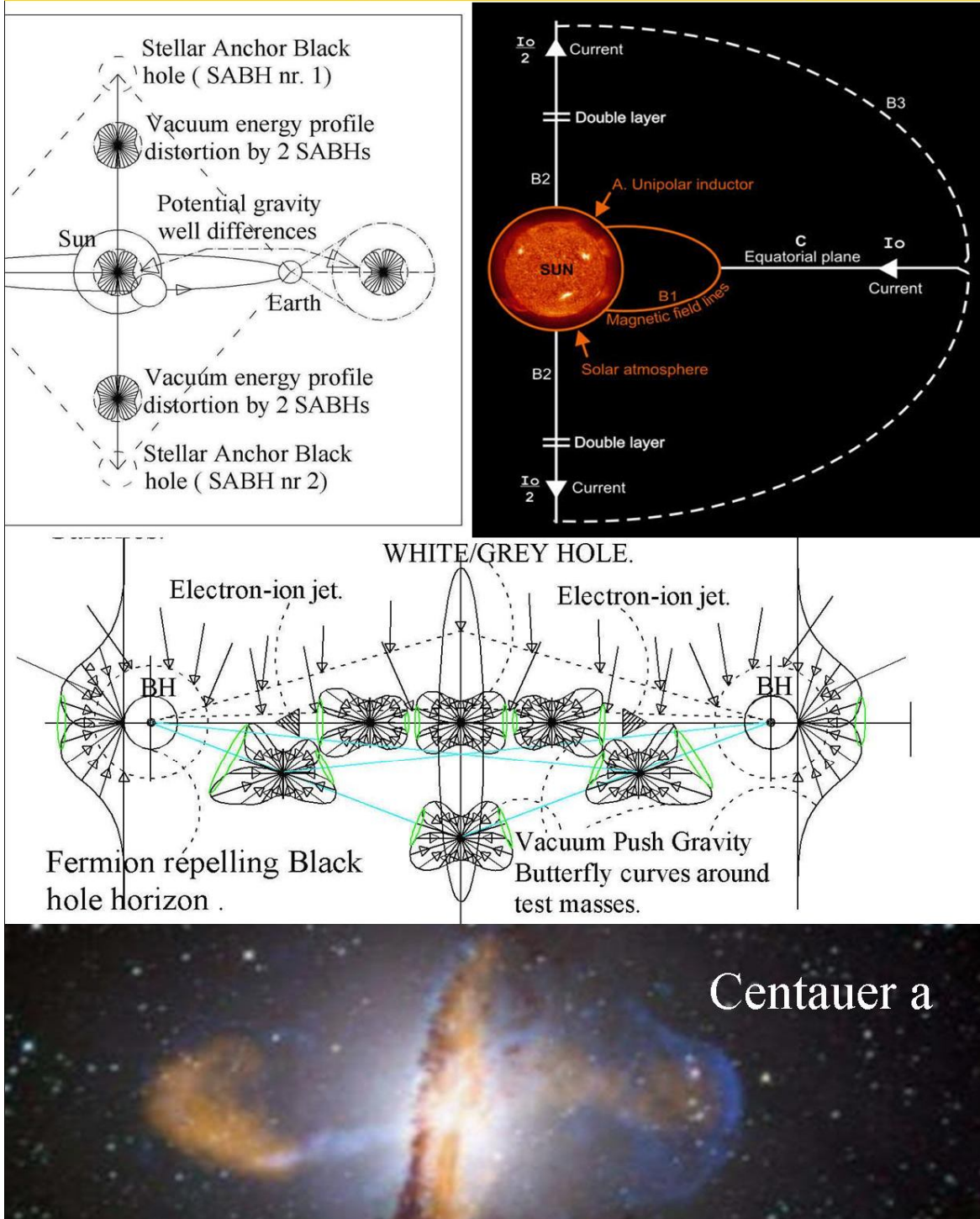
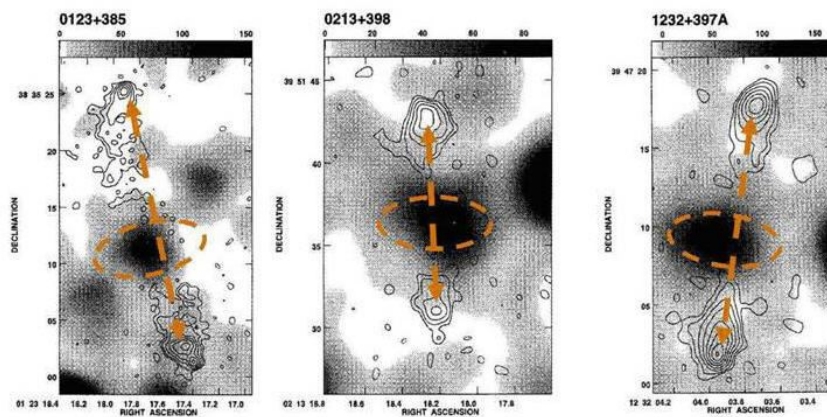
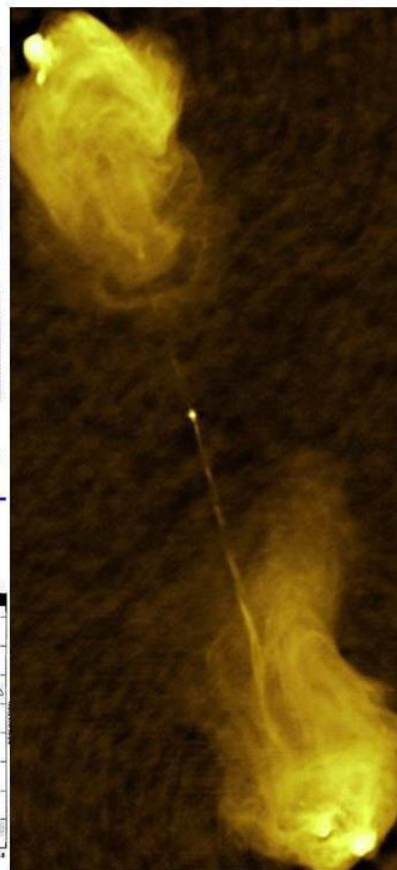
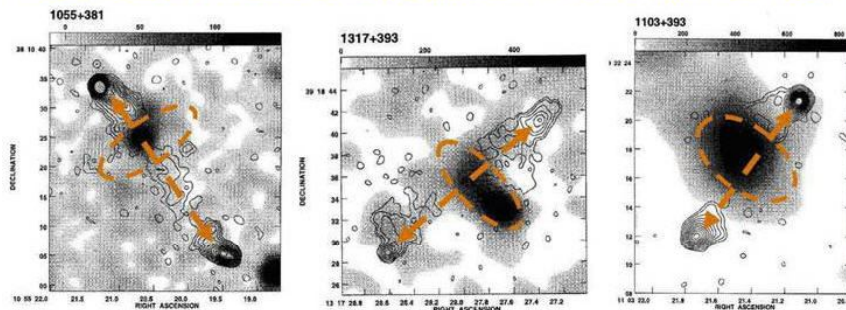


Figure 6. Oscillating Higgs vacuum polarisation with the resulting gas acceleration between black holes of difference sizes like Stellar Anchor Black Holes and Galaxy Anchor Black Holes.



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.

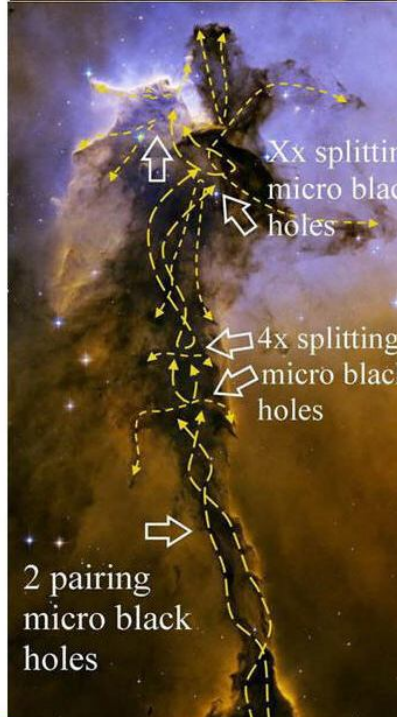
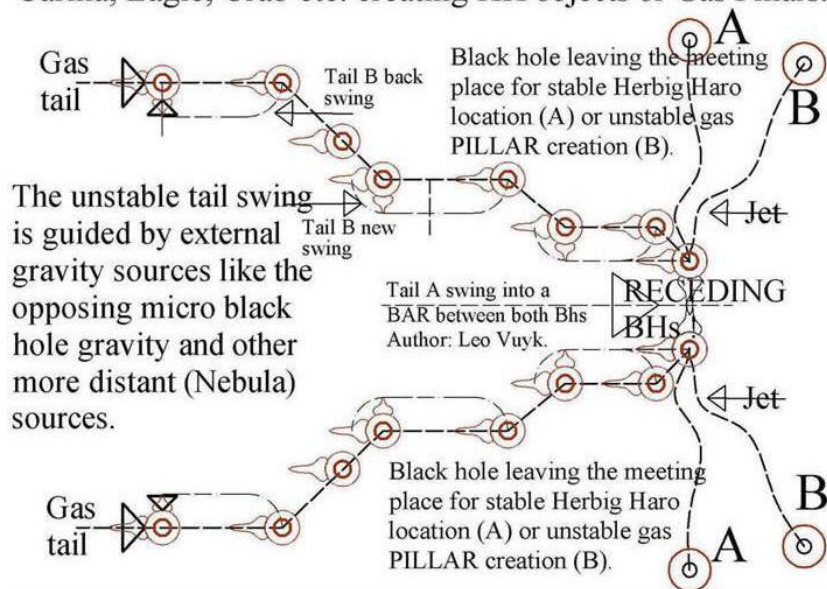


Figure 7. Pairing and Splitting Black Holes in Early galaxies Cygnus A and inside Nebula.

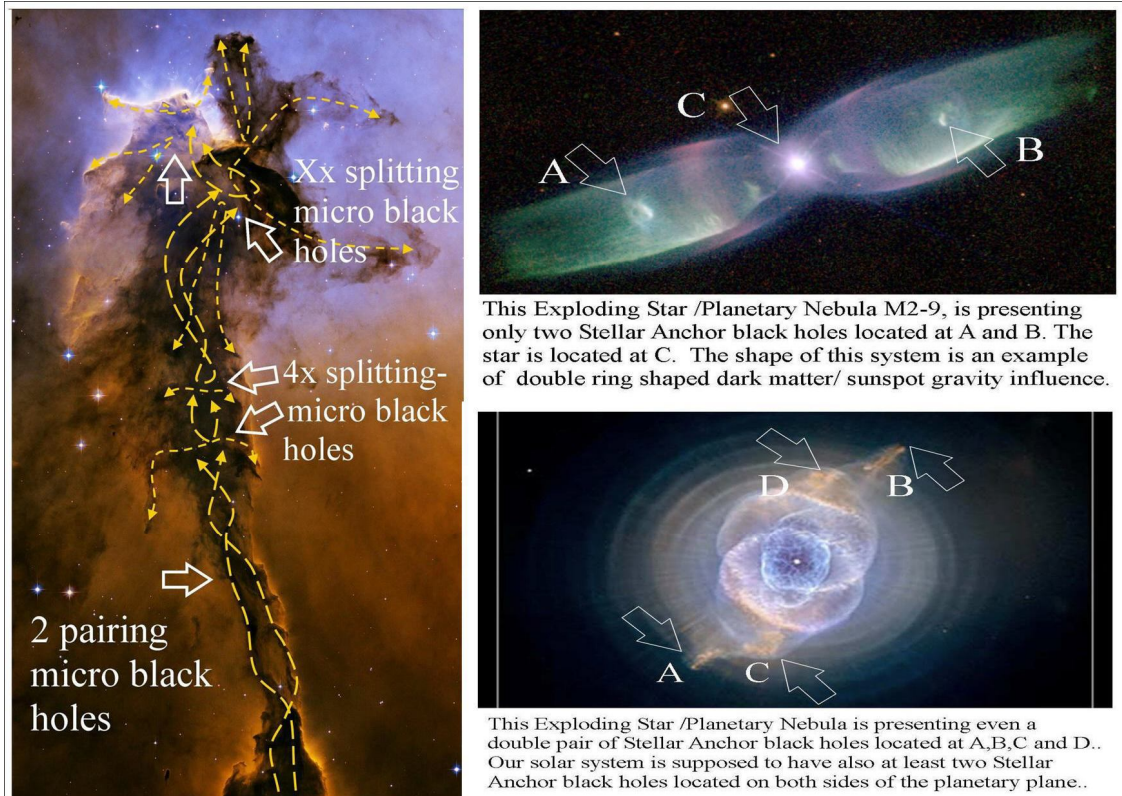


Figure 8. Pairing and Herbig Haro producing black holes inside Nebula and observed as hotspots around exploding stars.

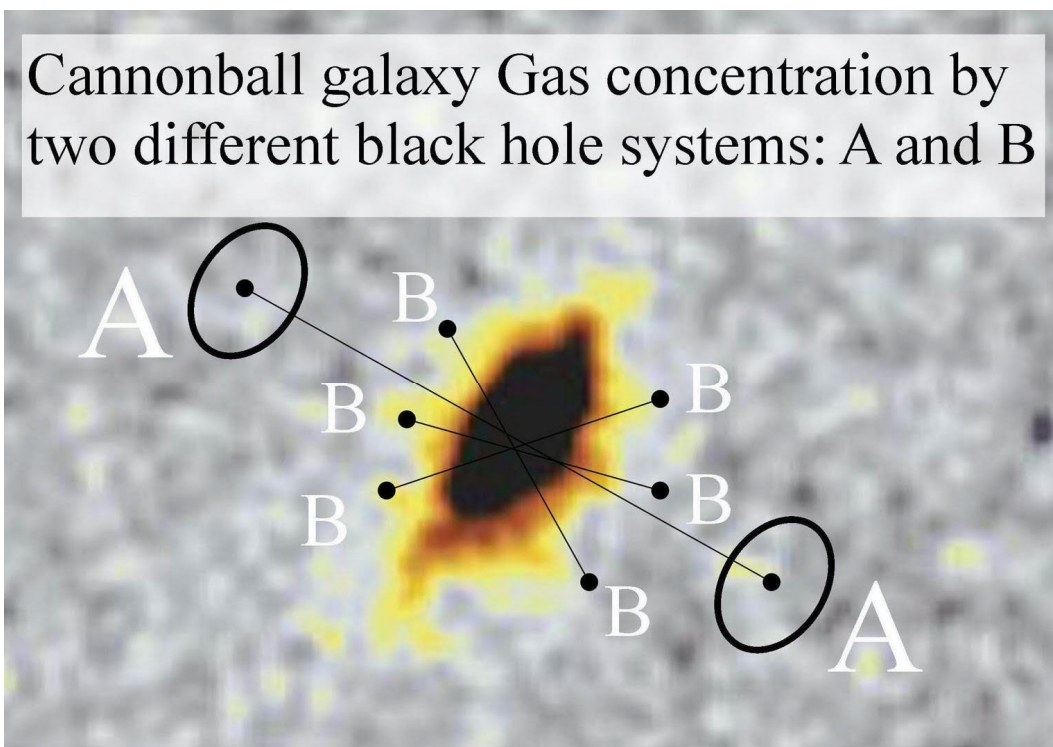


Figure 9. Early Cannonball Galaxy with additional Galaxy Anchor Black Hole system according to Quantum FFF Theory.

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.

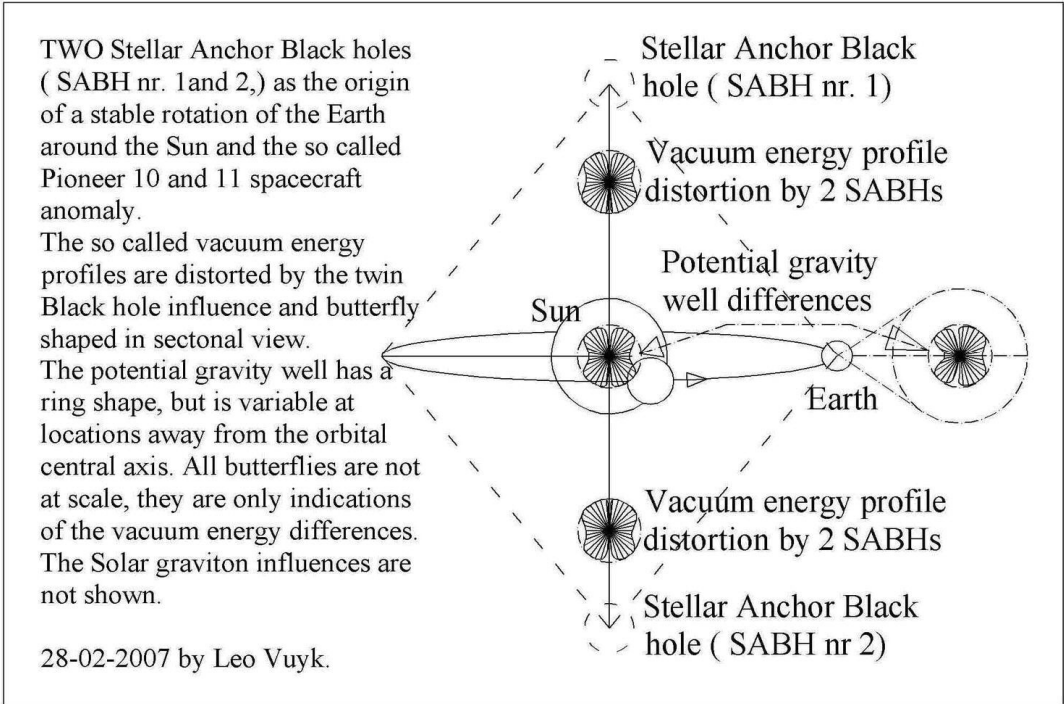
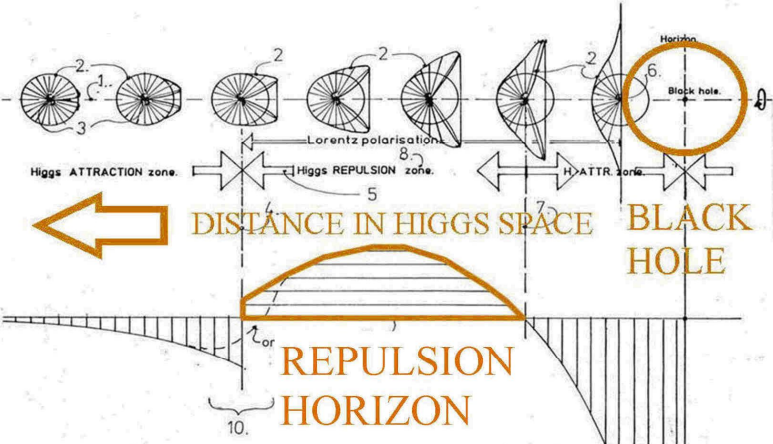


Figure 10. Stellar Anchor Black Holes (SABHs) and the Sun.

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.

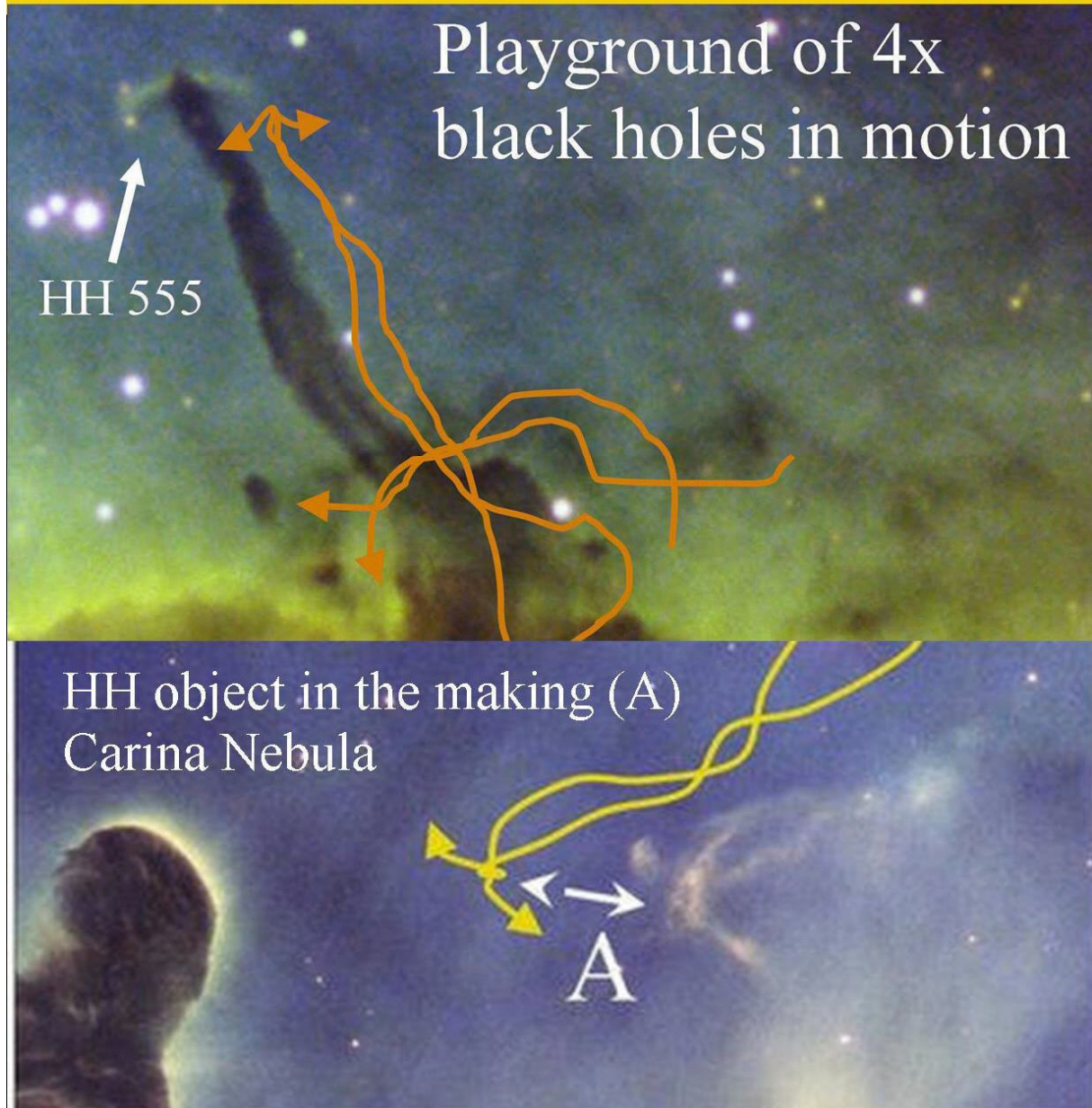


Figure 12. Examples of pairing and receding new micro black holes inside. Splitting to create Herbig Haro Objects with star formation in between.

Comparison of the Final ESA CMB Planck map with a cross section through the Raspberry Multiverse according to Quantum Function Follows Form theory. Compare the Cold Spot with the Void and the Warmer and Colder Hemisphere of the Plack CMB (left) with observation boundaries (right)

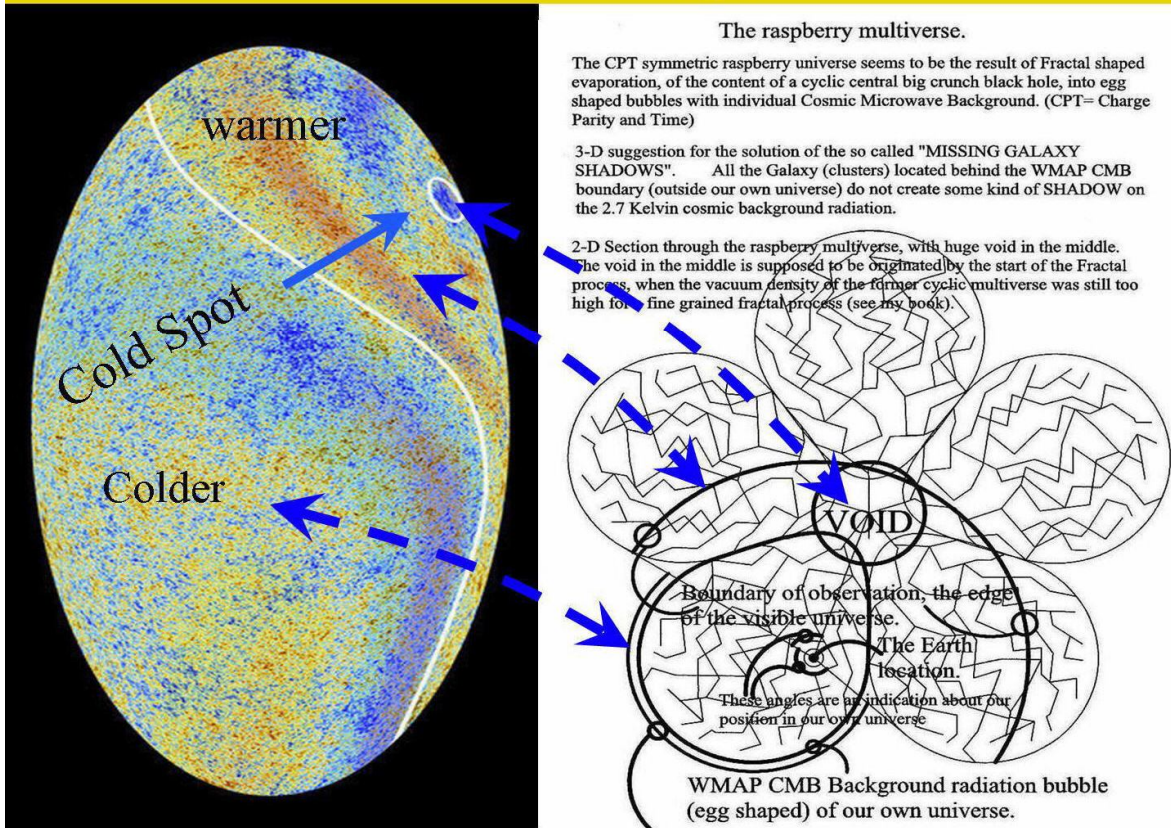


Figure: 13 ESA CMB Planck map compared with the 12 fold multiverse.

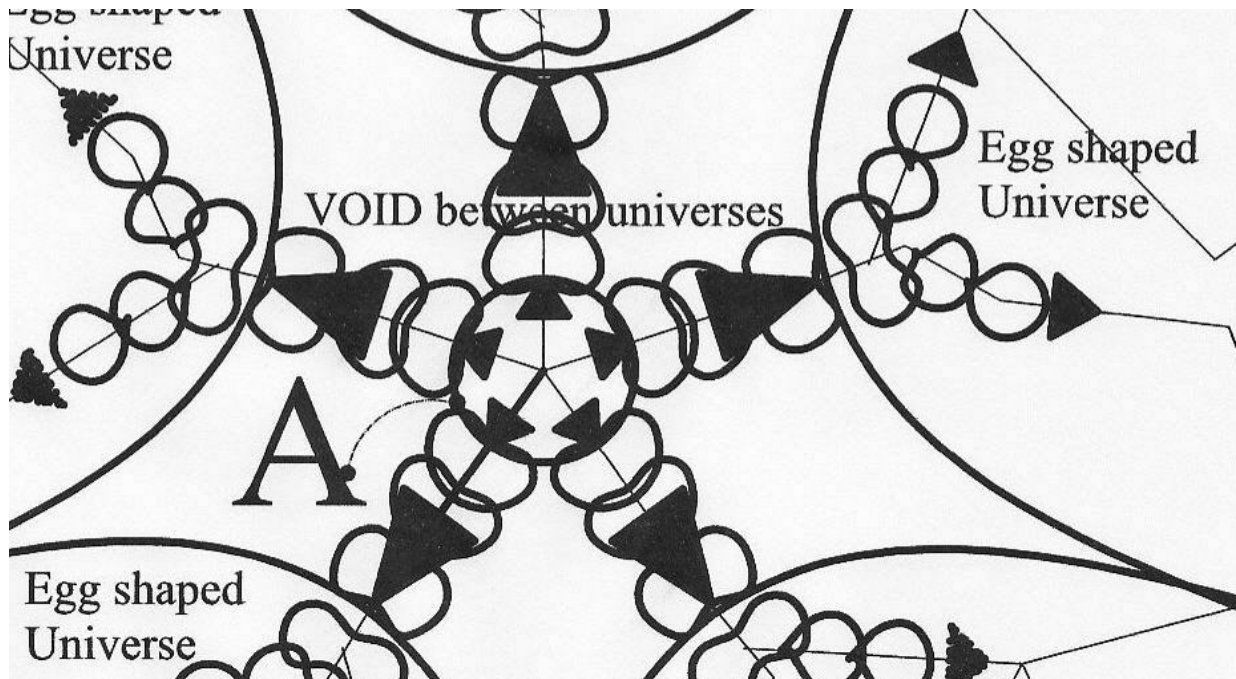
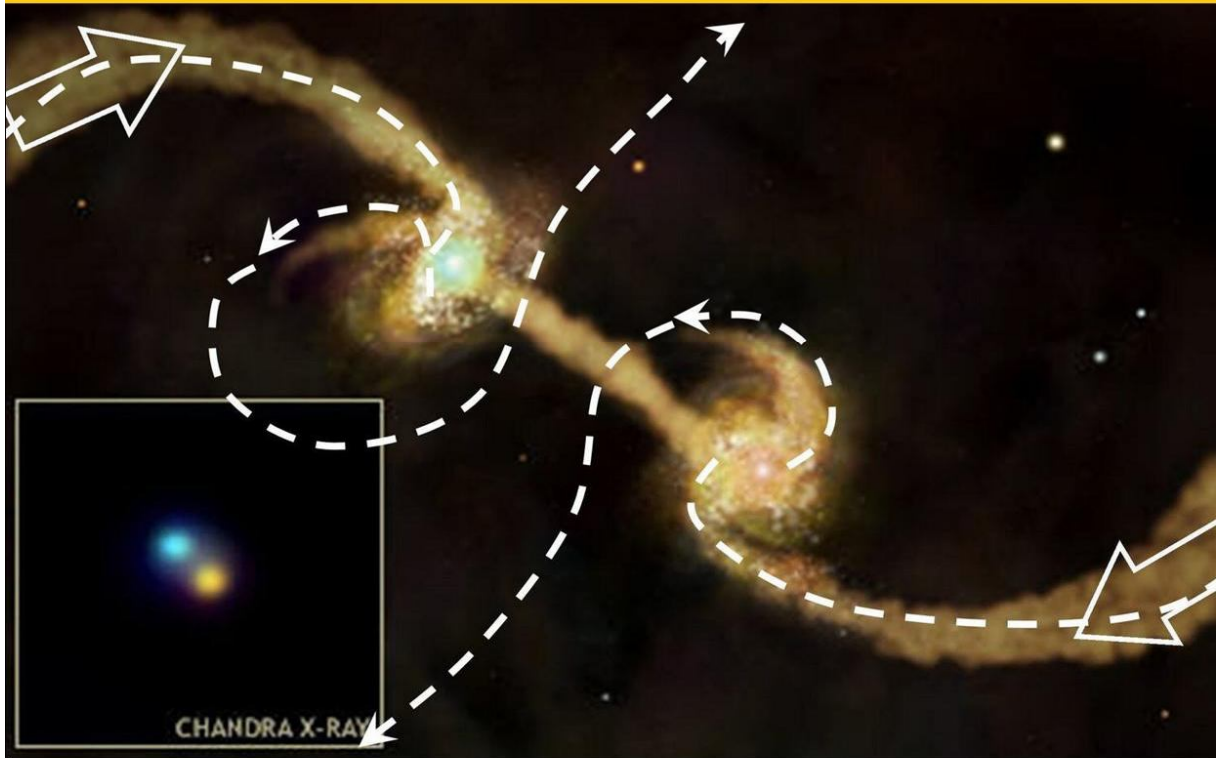
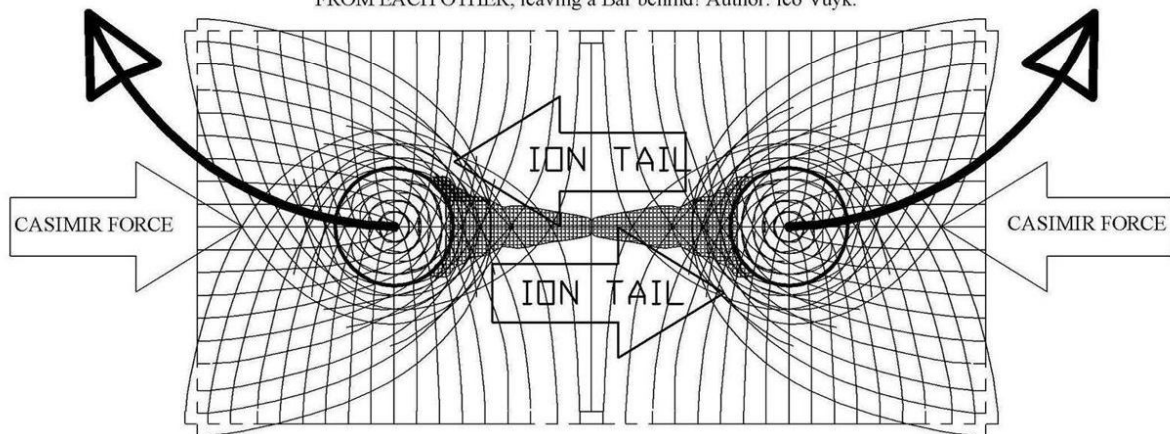


Figure: 14, The Navel Cords or Large Quasars Groups , we only see three of them.in the centre of the Multiverse.

Typical form example of pairing black holes of the same size, leaving ion tails and a bar behind before separating to a stable dumbbell position @Leo Vuyk



TWO REPULSIVE ION TAILS (A BAR) BETWEEN TWO EQUALLY SIZED BLACK HOLES, PUSHING TWO BHs AWAY FROM EACH OTHER, leaving a Bar behind! Author: leo Vuyk.

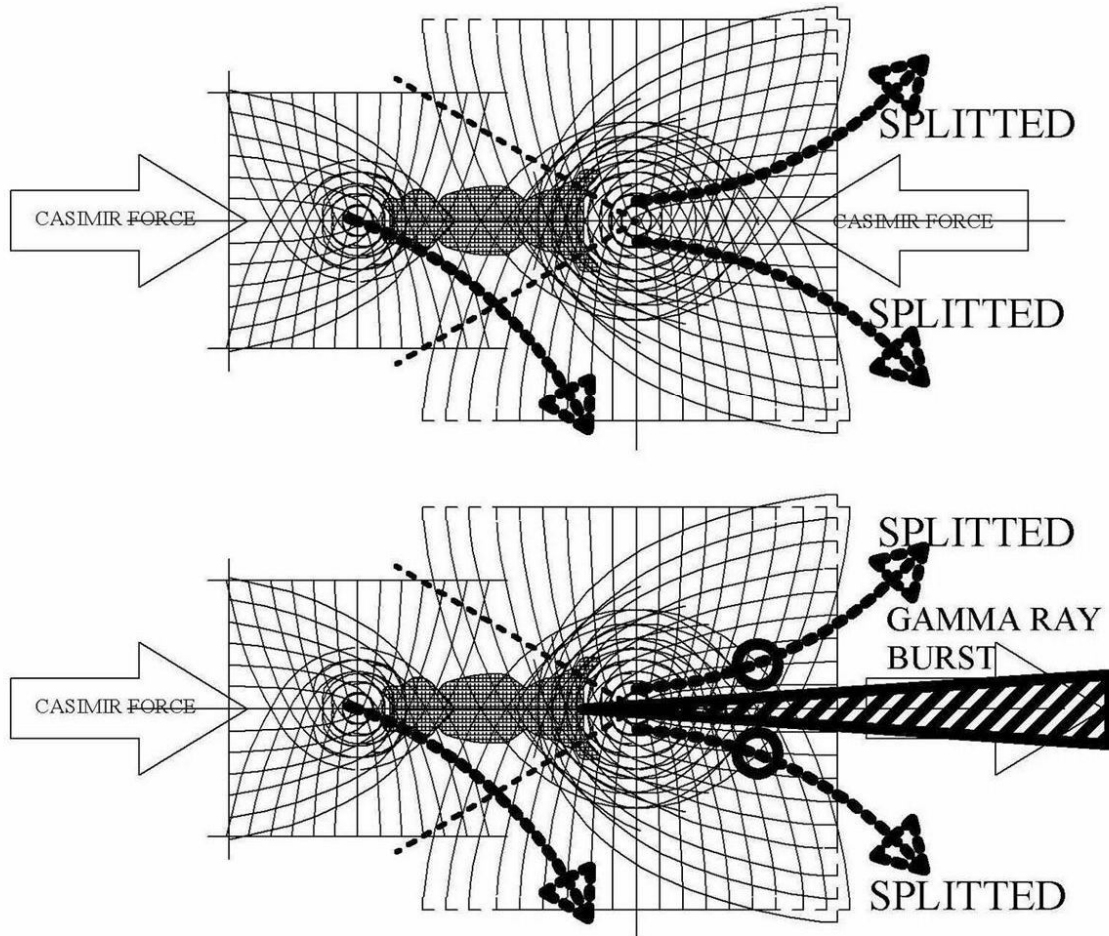


The casimir pressure structure of the Higgs dark energy vacuum around Pairing black holes

Figure: 15, Pairing Dark Matter Black holes .

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).

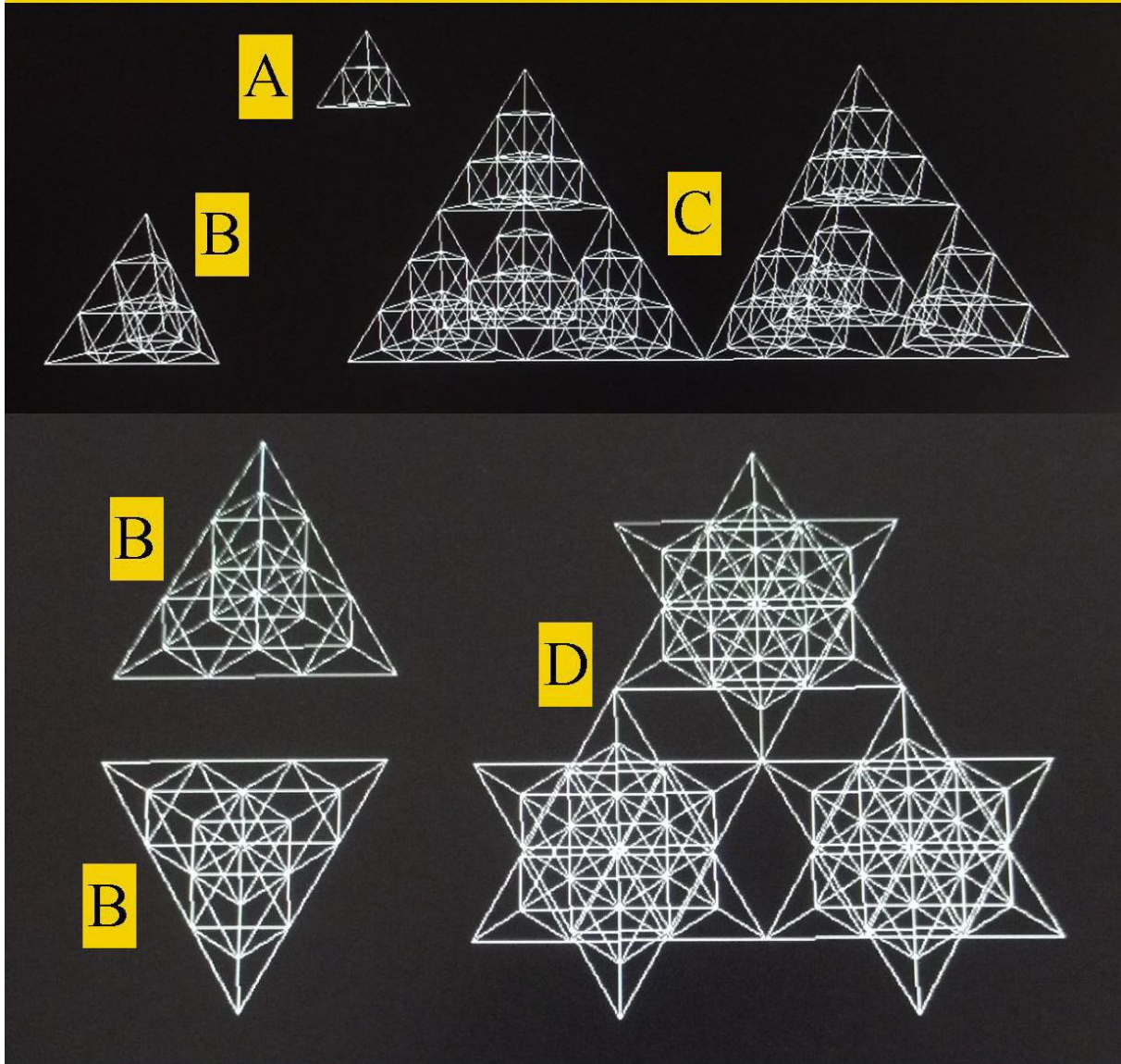
TWO REPULSIVE ION TAILS around electron jets (bar shaped) between two DIFFERENT sized black holes. THE SMALLER BLACK HOLE WILL SPLIT THE LARGER ONE BY ITS CONCENTRATED ELECTRON JET AND VACUUM INFLUENCE. Author: leo Vuyk.



Only the smallest BH is able to split the larger black hole, leading to a proliferation of smaller equally sized BHs and Herbig haro Objects.

Figure: 16, The origin of Gamma Ray Bursts.: smaller BHs tend to SPLIT larger BHs. So, the Big Bang Black hole splitting process create BHs of different sizes (nuclear HIGGS content). The largest bursts happen in the early universe (far away) such as in the LQG phase, as a start of the proliferation and down sizing process of Black Holes spread through the Lyman Alpha Forest system.

Alternative vacuum lattice structure with Octahedron and Tetrahedron elements in support of the 27 days moon related histograms incidental splitting into 2 to 3 periods, observed by S.Shnoll.



A; Basic element. B: 2nd stage element. C: 3D space filler with 2nd stage elements. (Below) D: Mirror symmetric combinations of the same structures. @Leo Vuyk

Figure: 17, Alternative Higgs vacuum lattice structure, as the result of the evaporating Black Hole Big Bang.

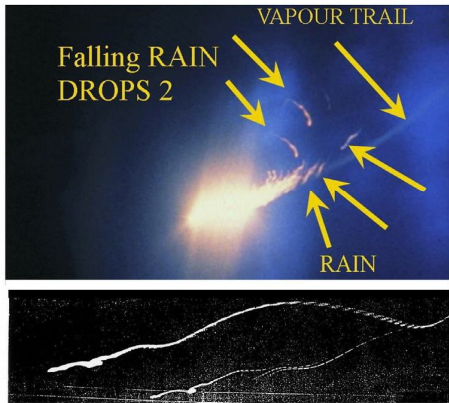
Quantum FFF Theory and New Physics by:

- 1: Dark Matter Black Holes without gravitons.
 - 2: Dark Energy (Casimir) Higgs Field.
 - 3: Dual push Gravity = Attraction (Higgs-Casimir opposing Graviton push).
 - 4: The Big Bang is a Splitting Big Bang Black Hole (BBBH) into smaller primordial Splinters.

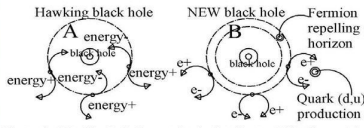
 - 5: Primordial Big Bang Black Hole splinters (PBBS) produce the energetic Dark Energy Higgs field by partly evaporation.
 - 6: Dual PBBSs produce plasma in giant Herbig Haro systems as a base for Giant stars in open clusters as a start for Spiral Galaxies.
 - 7: Spiral Galaxies keep both Primordial Black Holes as Galaxy Anchor Black Holes (GABHs) at long distance.
 - 8: After Galaxy Merging these GABHs are the origin of Galaxy- and Magnetic field complexity.
 - 9: Dual Black Hole systems produce Plasma out of the Higgs field by a convertible Higgs particle.
 - 10: Dwarf Galaxies are created after Galaxy merging in between two or more local GABHs (irregulars) or around GABHs Globular Clusters.
 - 11: The first Supernovas produce medium sized Black Hole as the base for secondary Herbig Haro systems.
- (author Leo Vuyk)

Figure: 18, Key elements of the new Quantum FFF (Function Follows Form) Theory.

THE SECRET OF BALL LIGHTNING. Its production by e.m.- x-ray interference into a KNOTTY Nucleus, able to accelerate, decrease Entropy and produce Vapour.



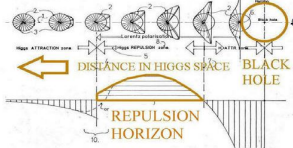
The NEW Black Hole Paradigm



The standard Hawking Radiation postulate is: that all matter (NOT all energy) is drawn into the Black hole. My NEW postulate is that matter is even created (and pushed outside) at the Black hole horizon by QUANTUM FLUCTUATIONS producing Electrons and Positrons.

The reason for this NEW Fermion production effect is, that it is a consequence of the concentration of head-on Higgs particle collisions just at the horizon. Some Electrons and Positrons will annihilate, but the rest will form Quarks and plasma, because the Higgs vacuum lattice is CHIRAL and prefer to link Gluons to Positrons and form U+ Quarks in favour of Electrons and Gluons, which form D-Quarks. Thus more Electrons will stay single and form Hydrogen atom shells. However they have less mass than Quarks and feel less attraction to the Black hole nucleus, thus Electrons form also an external shell around the Black hole inner shell of Protons and some Neutrons! Due to the propeller shape of the particles all the plasma is repelled away from the black hole! The Black hole will not evaporate! This is the base for NEW Physics and a support for a new explanation of Cometary X-rays, Hydrogen and AMINO ACID production. Even Gas Pillar and Herbig Haro formations inside Nebula become a logic base. Author Leo Vuyk.

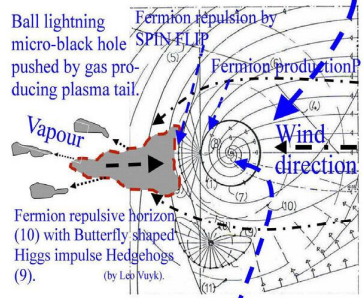
The Fermion repelling horizon



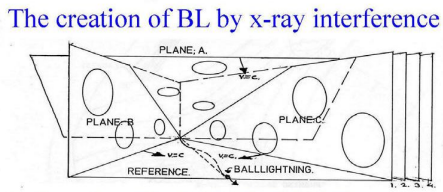
7x Higgs quantum curves (2) are depicted for Fermions (3) with different distance to the BH horizon. At location (10) the spin of the fermions will FLIP due to the propeller shape of the Fermion and an opposing force away from the horizon is created by the Higgs vacuum itself down to location (7). The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



How is the vacuum able to release energy to overcome the opposing wind? By SPIN FLIP and the Plasma tail is always swept at the back of the BL by the wind itself!



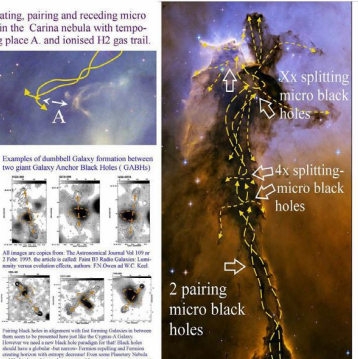
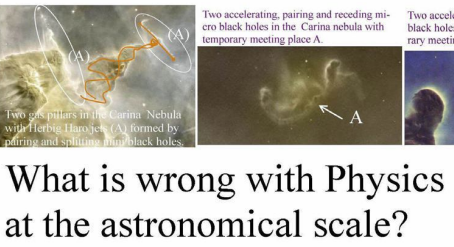
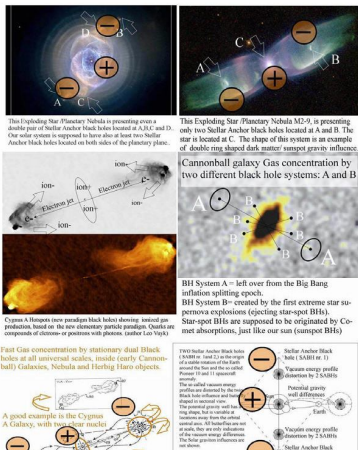
Ball lightning micro-black hole pushed by gas producing plasma tail. Fermion repulsive horizon (10) with Butterfly shaped Higgs impulse Hedgehogs (9). Knotty Micro-Black hole nucleus



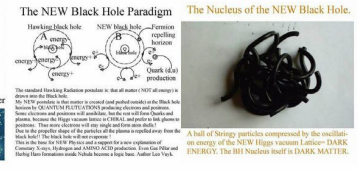
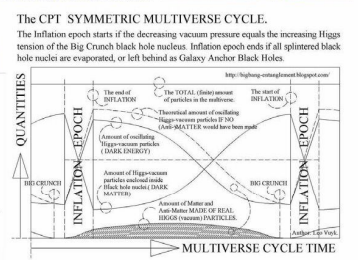
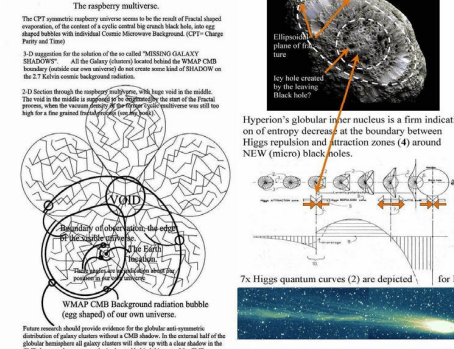
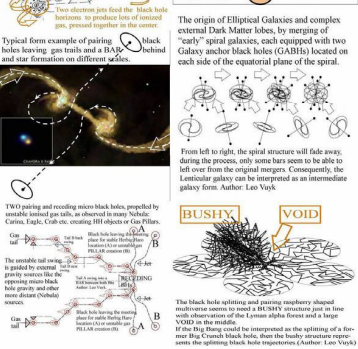
Author: Leo Vuyk 10-02-2011 NL.

Figure 19, the new black hole also as micro BH.

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



What is wrong with Physics at the astronomical scale?



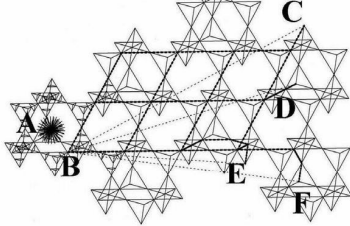
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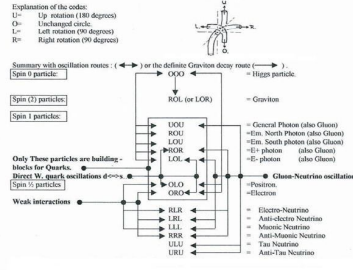
Figure 20. What is wrong with physics at the astronomical scale?

What is wrong with Physics

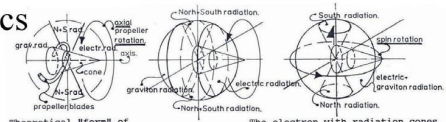
Wave-Particle duality



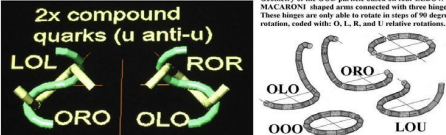
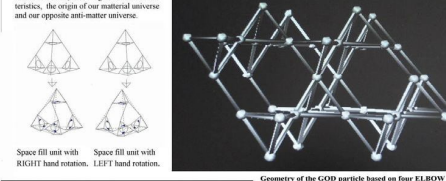
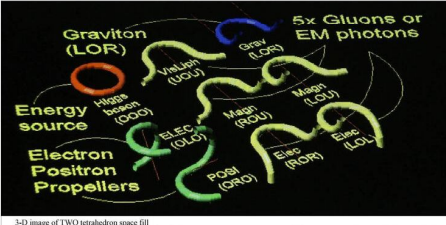
Photon trajectories through the tetrahedral Chiral vacuum lattice.
 A photon is created as a deformed Higgs particle at position (A), thus as a single (Photon/Gluon) particle which after some distance changes form back into a Higgs particle (B).
 The photon energy is transferred into the oscillating Higgs system and travelling through the vacuum lattice in the form of a pulsating BUNCH of entangled energetic Higgs oscillations with the local speed of light. The distance between two cycles of the Bunch resembles the wavelength of the photon pulsating bunch (the bunch idea matches with the single photon double slit experiment).
 After collision with a second Fermion, at locations C,D,E,F, the BUNCH of energy collapses and change the FORM of a local Higgs particle into the shape of the original Photon.
 Five different shaped Gluons after some distance are called Photons.
 Thus five different shaped Photons start their journey as Gluon. Author: Leo Vuyk.



Author: Leo Vuyk 30-01-2011 NL



Theoretical "Form" of the electron, with radiation cones due to axial rotation.
 The electron with radiation cones due to circular or "spin" rotation and axial rotation.
 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.



Author: Leo Vuyk 30-01-2011 NL

At the Quantum level

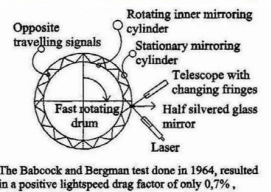


Double LeSage Quantum Gravity.
 Higgs/Graviton pressure vector hedgehogs acting on a mass carrying Quantum particle. The irregular distribution of mass inside the earth is supposed to influence the 3D pressure vector hedgehog according to the new Double LeSage gravity paradigm, see image below.
 Author Leo Vuyk.
 Higgs pressure vector hedgehog, Graviton pressure vector hedgehog, Earth section.
 Locations inside the Earth, with extreme high mass concentration, (near Volcanos) measured by inertia pendulum experiment.
 Oscillation directions A,B,C,D, of the NEW Inertia Oscillator device, will give larger DAMPING differences as expected by Newtonian gravity rules

Author: Leo Vuyk 30-01-2011 NL

Figure: 21, what is wrong with physics at the quantum level?

LIGHTSPEED Extinction exp.



The Babcock and Bergman test done in 1964, resulted in a positive lightspeed drag factor of only 0,7%, which could be translated in a drag extinction effect over less than 1 cm distance after signal passage through the fast moving glass window, See: Journal of the Optical Society of America Vol. 54, no 2 page 147-151 Febr. 1964. Determination of the Constancy of the speed of Light by Babcock and Bergman.

If the Quantum Mechanical Vacuum structure is influenced over maximal 1 cm. by matter, as the Experiment done by Babcock and Bergman seems to indicate, then a fast moving mirror cylinder inside a stationary cylinder should influence the interference pattern produced inside the telescope much more, than the Babcock and Bergman's experiment did. We should get better results, if the distance between the inner and outer mirror cylinder is minimized and the number of lightpath reflections is maximized.

Author: Leo Vuyk 30-01-2011 NL

Some FFF Theory related Experiments Function Follows Form in QM and Cosmo

Repeating investigation of the CHAMP/GPS satellite anomalous outliers of 180 meter, in relation to the gravity-drag LASOF Ellipsoidal EXTINCTION influence on the lightspeed.

A clear example of GPS failure for sat-sat signals at higher altitudes (CHAMP: 430 km, GPS: 20.000km) Kinematic orbit solution comparison showing GPS data outliers up to 180 meters, (2x) during a CHAMP flight long 24 hours with 15 earth revolutions in 2003.

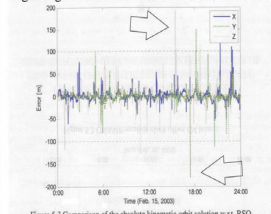
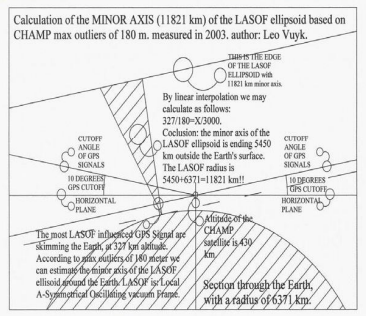


Figure 5.3 Comparison of the absolute kinematic orbit solution, w.r.t. RSO.

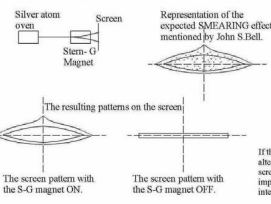


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Support for Atomic ENTANGLEMENT in single and DOUBLE Stern Gerlach experiments

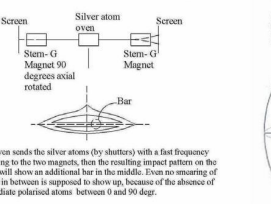
New Stern Gerlach experiment, based on the hypothesis, that the non-smearing paradox described by JS Bell, in his book "speakeable and unseakeable in QM" Ch. 16, (page 140-141) is originated by a new unknown form of entanglement at a distance between the first silver atom inside the S-G magnet and the rest, waiting in the silver oven to be released. It is assumed, that the vaporized silveratoms inside and outside the silver oven, are always entangled two by two, to guarantee a total zero-spin state, and the absence of a "SMEARING" effect. author: Leo Vuyk, 23-10-2005

The traditional Stern Gerlach experiment.



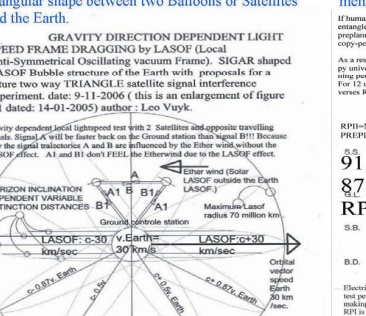
Author: Leo Vuyk 30-01-2011 NL

The new proposed experiment, with two S-G magnets always ON



Author: Leo Vuyk 30-01-2011 NL

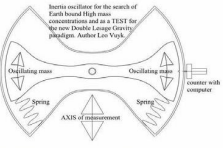
Opposite running LASER signal interference exp. in triangular shape between two Balloons or Satellites and the Earth.



Author: Leo Vuyk 30-01-2011 NL

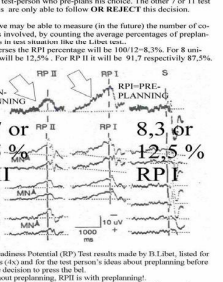
DOUBLE LeSage Gravity

Higgs/Graviton pressure vector hedgehogs acting on a mass carrying Quantum particle. The irregular distribution of mass inside the earth is supposed to influence the 3D pressure vector hedgehog according to the new Double LeSage gravity paradigm, see image below.
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Author: Leo Vuyk 30-01-2011 NL

MULTIVERSE exp. New B.Libet experiments focussed on RPI-RPII statistics.



Author: Leo Vuyk 30-01-2011 NL

Figure: 22, Quantum FFF theory related experiment proposals.

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Author: Leo Vuyk

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Category: Astrophysics

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Authors: Leo Vuyk

Category: Quantum Gravity and String Theory

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Category: Quantum Gravity and String Theory

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