

## **The Self Organizing Universe in the Carina Nebula.**

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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 paradigm splitting, accelerating and pairing Black Hole seems to be able to accelerate itself by self created plasma tails, to form dumbbell systems called Herbig Haro systems, as the start of new star formation, in between these dual black holes.

Several examples of such pairing and splitting into HH objects is observed inside the Carina nebula.

These small black holes inside the Carina nebula are supposed to be remnants of comets or former Starspots like our own Black hole based Sunspots, expelled by Supernova explosions. This is also reason to suppose that what we observe here at a small scale should have happened directly after the Big bang and the origin of the so called Fractal shaped Lyman Alpha Forest..

As a consequence, this phenomenon is an extra support for the Quantum FFF theory based Big Bang model as the splitting process of a former Big Crunch black hole into a symmetric raspberry shaped multiverse..

### **Introduction.**

Quantum FFF ( Function Follows Form) theory states, that the vacuum is seeded with fast oscillating massless Higgs particles (dark energy) , oscillating along a complex chiral tetrahedral vacuum lattice, which has the ability to transfer Photon and Graviton FORM information in bunches of oscillations (in wave form) , through the vacuum lattice with the local speed of light. Ref [13,18,21]. As a consequence there are no attraction forces on propeller shaped Fermions. Gravity seems to be the result of two different impulse arrays: the massless Higgs impulse array and the (less effective) massless Graviton impulse array. As a consequence, new paradigm Black holes suffer only from the gravitational influence of Higgs vacuum (photon) impulses also coined Casimir push-gravity, because no gravitons can escape from the Black hole. The Black hole is supposed to be a super dense knot of Higgs particles floating inside the oscillating Higgs vacuum frame. (Fig. 6) and (Ref. 7,8,9,11,13,17).

No photons like gravitons can escape from inside the Black hole. However, in Q-FFF theory, the vacuum is constantly “eaten” by these NEW Black hole nucleus and the origin of the Casimir gravity effect of Black holes..

In the Q-FFF model, Fermions are assumed to have a propeller shape equipped with a left- or right hand “pitch” Quarks and some leptons are compound particles (with photonic gluons) however, electrons and positrons are singular. (Ref. 18 )

Only the statistical sum of the different kinds of vacuum impulses ( butterfly shaped vector arrays) by real collisions from all directions on Fermions are responsible for all (energetic) phenomena in the universe. (Fig 3,4)

The polarisation and so called spin flip of Fermions around Black holes is the origin that Black holes are equipped with a narrow Fermion repelling globular horizon.

As a result, Black holes are Zero Point Energy driven electric generators with negative charge at the outside and positive charge at the inside.

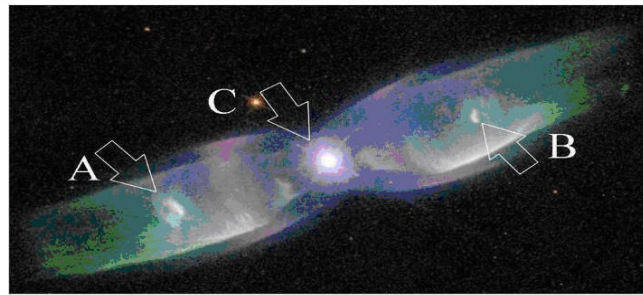
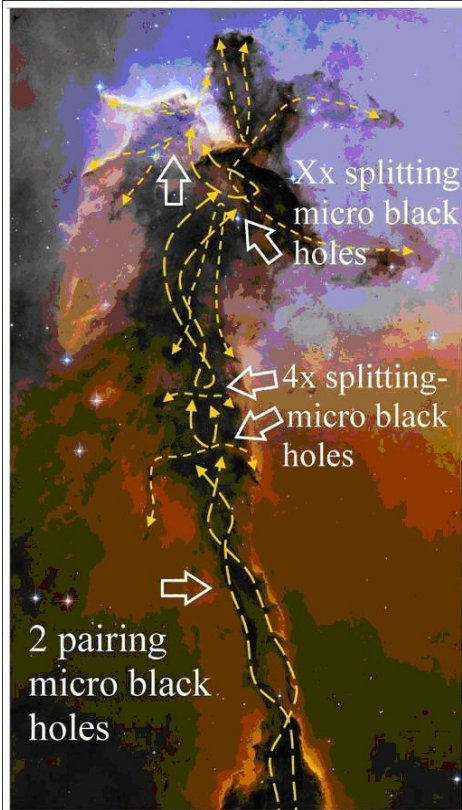
The Fermion repelling horizon of Black holes (fig.7,8,9) is also the origin of vacuum polarisation between pairing Black holes leading to the fast creation of Stars by Stellar Anchor Black Holes (SABHs), Galaxies, (Cygnus A: fig 5) Herbig Haro objects, the pairing of Sunspots Alfvén circuits and Birkeland currents.

The accelerating plasma tail of NEW paradigm Black holes (fig9) (Ref.17), and the splitting Black holes into smaller pairing Black holes is supposed to be the origin of a smooth proliferation of Black holes and downsizing after the big bang of star magnitudes.

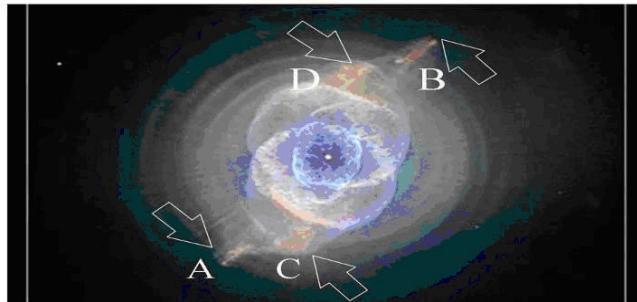
The Eagle Spire Nebula, (fig. 1) in the Carina and other nebulas, are examples of a smooth proliferation of down sizing by splitting Black holes through Galaxies and Nebula.

We observe in these nebulas the pairing and splitting of Black holes ending up into multiple Herbig Haro objects (double stellar anchor Black hole systems) generating Hydrogen gas around the two black holes in addition with Birkeland Current systems as accelerating origin of fast new star formation and the start of open star clusters.

Consequently the electric energy production of Stellar Anchor Black Holes (SABHs), seem to be able to explain quick Star- and Galaxy formation, by Birkeland Currents, Alfvén Circuits. However, smaller ( new paradigm) Black holes (created by magnetic interference and Radio Frequency currents) are supposed to be responsible for Sunspots, micro-Comets, Ball Lightning and even as multiple so called Quantum Knots inside Plasma Balls in the laboratory..



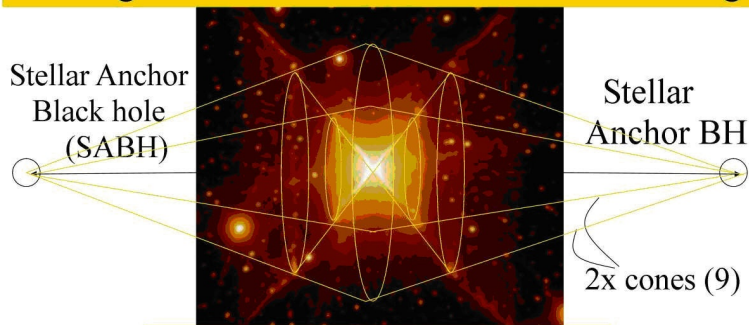
This Exploding Star /Planetary Nebula M2-9, is presenting only two Stellar Anchor black holes located at A and B. The star is located at C. The shape of this system is an example of double ring shaped dark matter/ sunspot gravity influence.



This Exploding Star /Planetary Nebula is presenting even a double pair of Stellar Anchor black holes located at A,B,C and D.. Our solar system is supposed to have also at least two Stellar Anchor black holes located on both sides of the planetary plane..

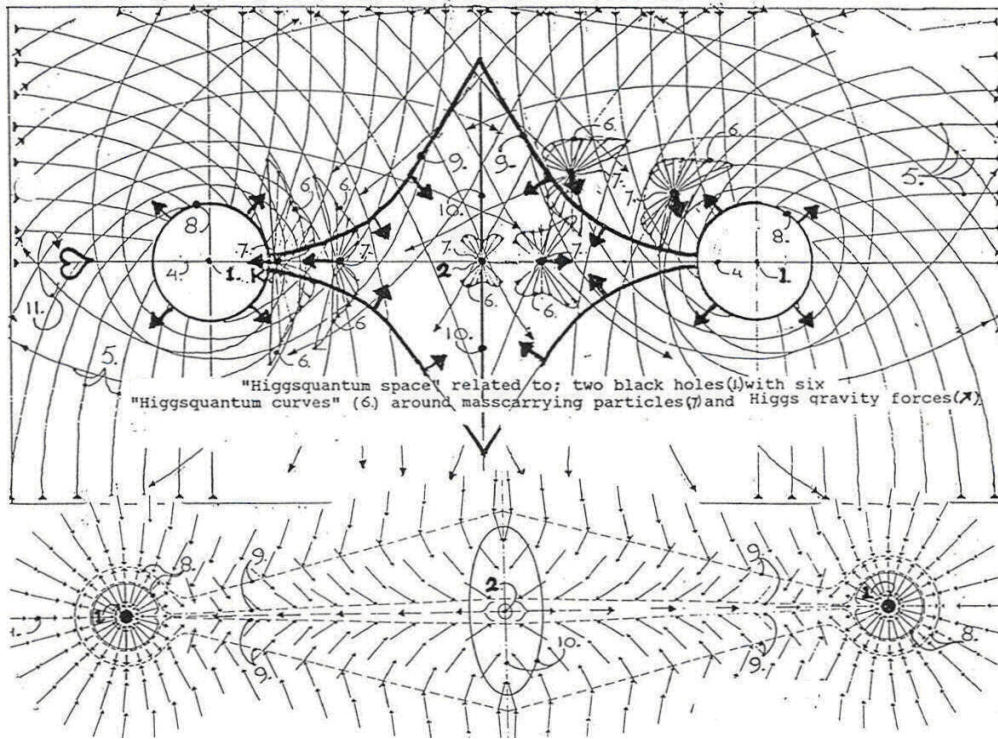
Figure 1, The Spire Eagle nebula, with two Planetary nebula, examples of the gas production and concentration effect of Black holes in the electric universe.

### The origine of Double MWC922 interference rings



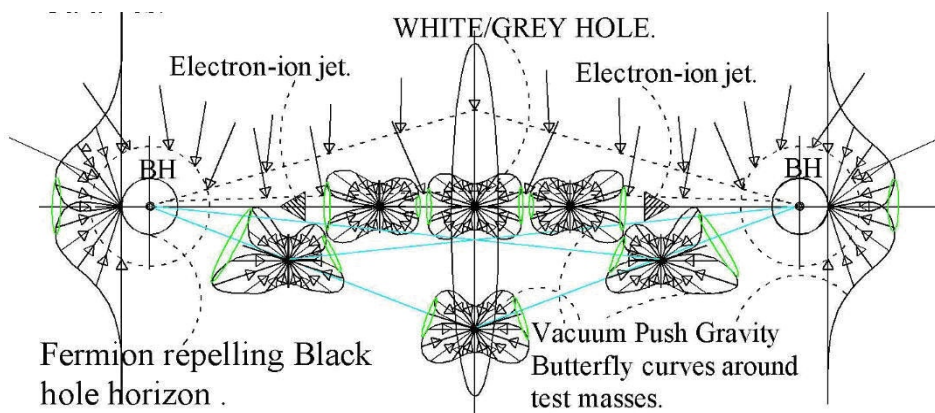
SABH interference rings with double coned starspot distribution.

Figure 2, The Red Square Planetary nebula MWC922, equipped with double cone structure of expelled material including trailing starspots (Micro Black Holes). There are FOUR cones (figure 3) of interferences originated by the two Stellar Anchor Black holes (SABHs). These four cones seem to interfere with the TWO cones of expelled material of the star, leading to FOUR rings of interference.



**Figure 3, Higgs Vacuum structure around a set of two Black holes, as is found to be present around some Planetary nebula, early Galaxies and Herbig Haro objects. The negative charged particle jets is the result of the Black hole based electric potential combined with the vacuum polarisation (acceleration) effect on light Fermions like electrons and the origin of Birkeland currents and Alfvén circuits.**

Dumbbell system of new paradigm Black holes kept apart by two Herbig Haro electron-ion particle jets. Zero Point energy pressure effects around test masses are depicted as butterfly shaped vacuum pressure vector array curves. In Q-FFF theory, the vacuum gravity pressure is interpreted as Dark energy and Black holes as Dark matter. The central "White-Grey hole" is always the place for gas concentration by electric Birkeland current pressure of all open star clusters and Spiral Galaxies. Only Globular star clusters and some Dwarf elliptical Galaxies will show central massive Black holes.



**Figure 4, The same Birkeland current system as figure 3 with butterfly vector arrays at different locations around the Black holes. In the middle the vacuum has less density ( larger Planck lengths) by the absorption of the dual Black holes.**

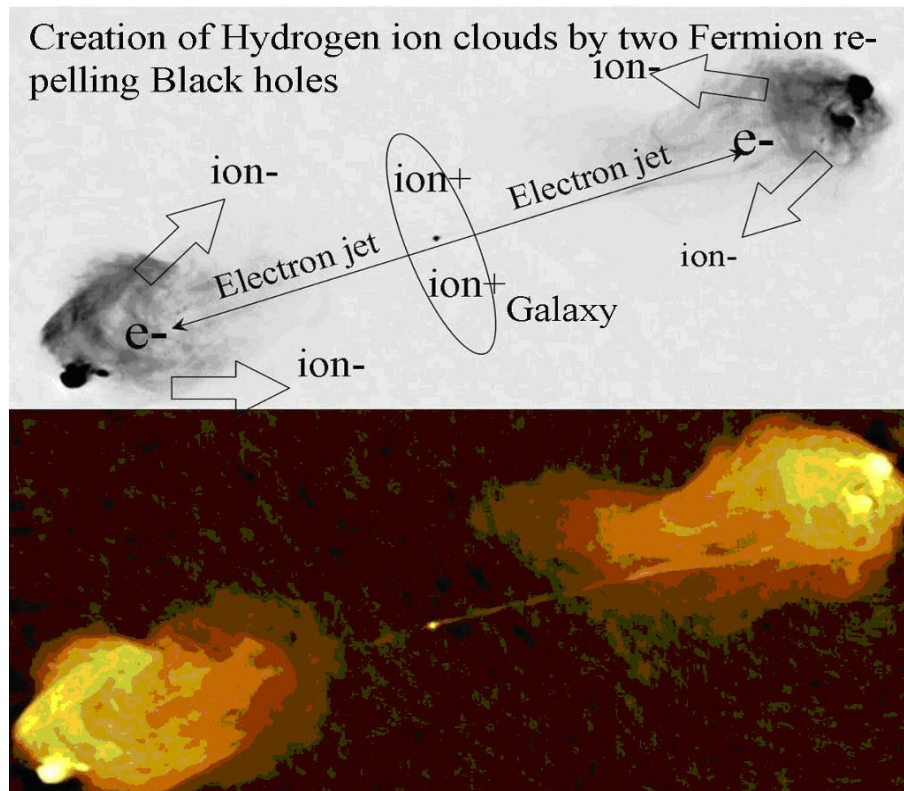


Figure 5 Cygnus A equipped with dual hotspots with gas production and electron jet including Birkeland currents and gas transportation by Alfvén circuits.

## The Nucleus of the NEW Black Hole.



A ball of Stringy particles compressed by the oscillation energy of the NEW Higgs vacuum Lattice= DARK ENERGY. The BH Nucleus itself is DARK MATTER.

Figure 6, Impression of a Quantum Knot based nucleus of the new Black hole.

## The OLD and NEW Black Hole differences.

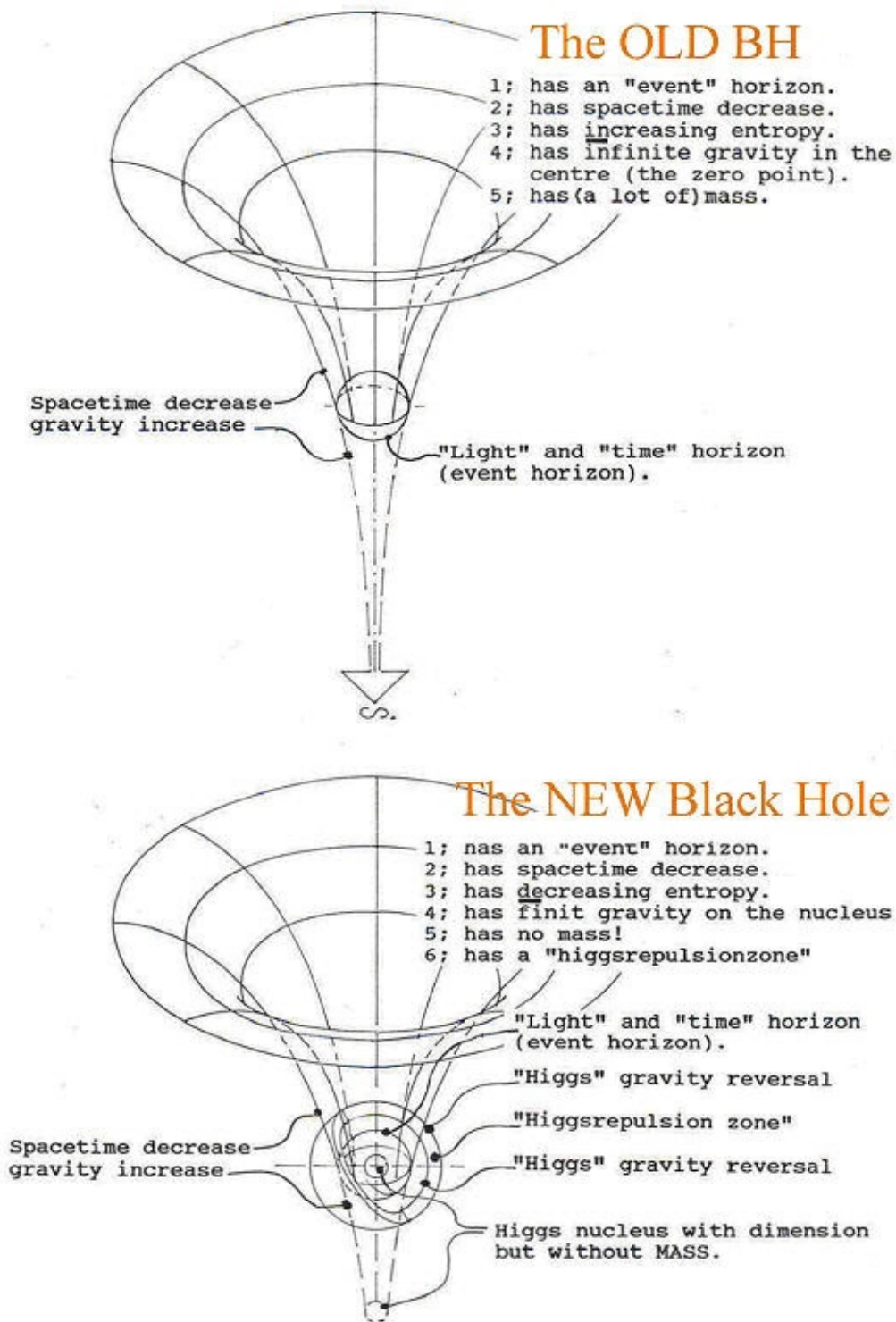
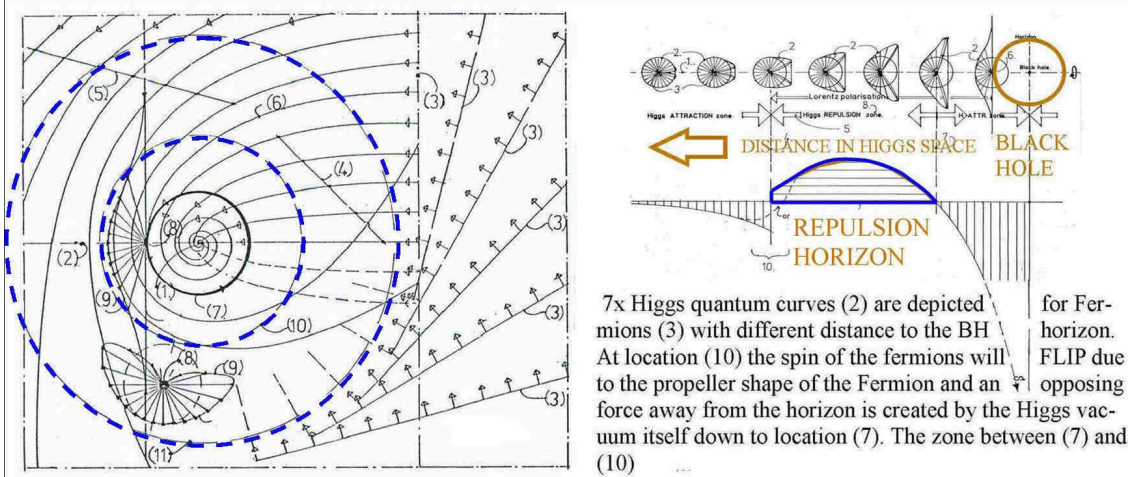


Figure 7, The difference between the old and new paradigm Black hole according to Quantum FFF Theory .

Fermion repulsion zone 10-11 around a Black hole, with Photon and Higgs trajectories around a NEW paradigm Black Holes.(Quantum-FFF Theory)



- 1: Non rotating Black hole nucleus (in 2D cross section).
- 2: Reference axis for trajectories 4,5 and 6.
- 3: Other incoming photonic/Higgs fronts (without depicted trajectories)
- 7: High photon energy collider globular shell, with intense Quantum effects like pair production ( $e^-e^+$ ). 8: test masses.
- 9: Butterfly shaped Higgs/photon Fermion pushing curves in 2D.
- 10 and 11: Fermion repulsion zone. Due to the propeller shape of the Fermions, they will experience a so called "Spin Flip" in this zone.

Figure 8, Principle of Fermion repulsion around a Black hole according to Quantum FFF theory..

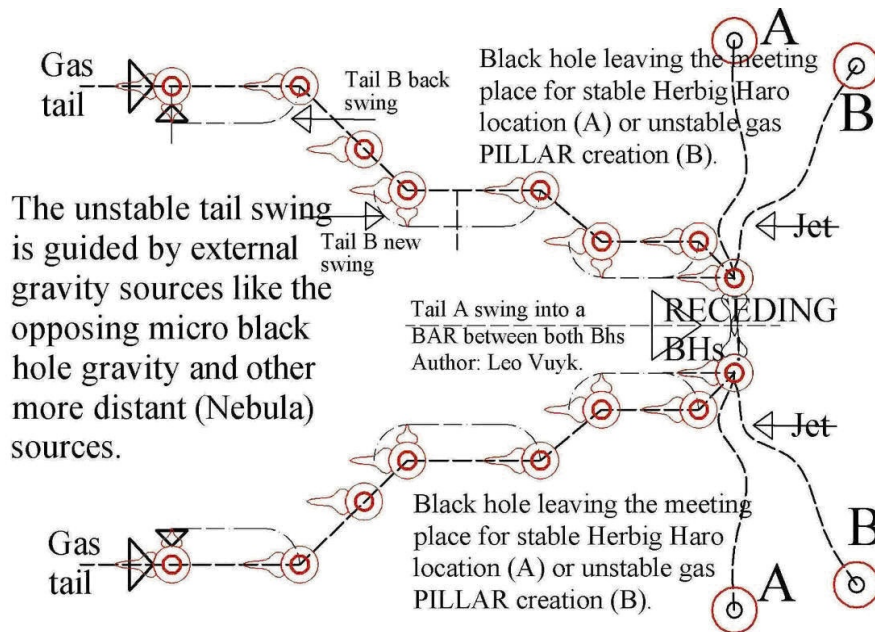
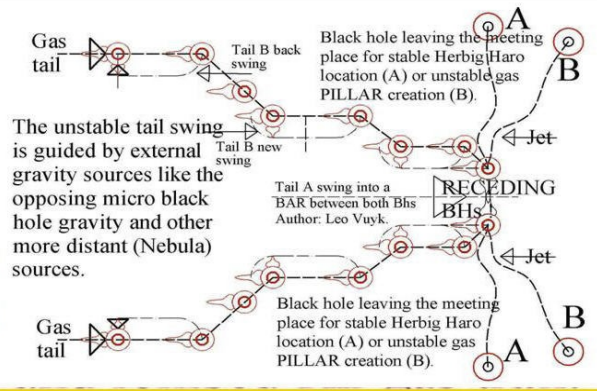
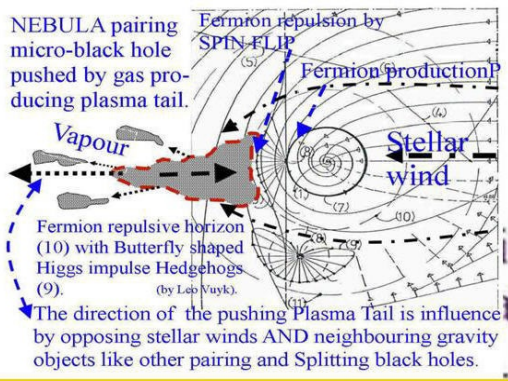


Figure 9, New Black hole propulsion principle by a self produced plasma-dust tail, also responsible for dust Pillar creation and the pairing and spitting effect as observed in nebula like the Eagle and Carina nebula.



Several accelerating pairing and receding micro black holes, as the start of HH objects, in the Carina nebula, with temporary meeting place (A) and ionised plasma tail.(Quantum-FFF Theory)

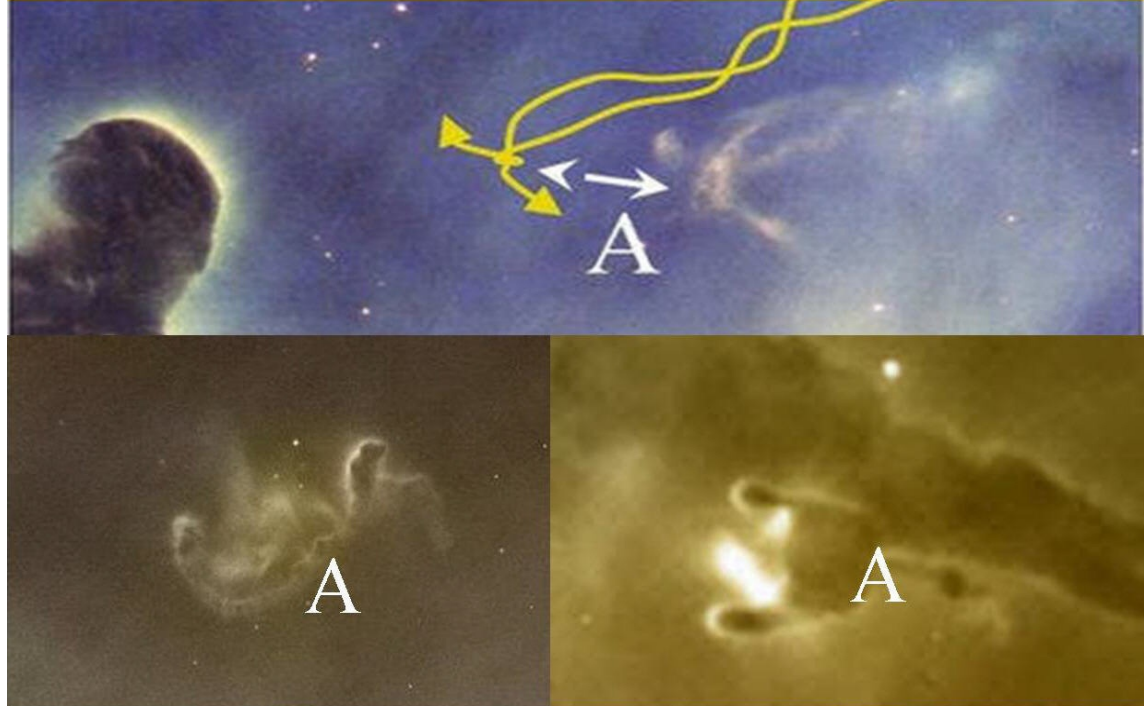
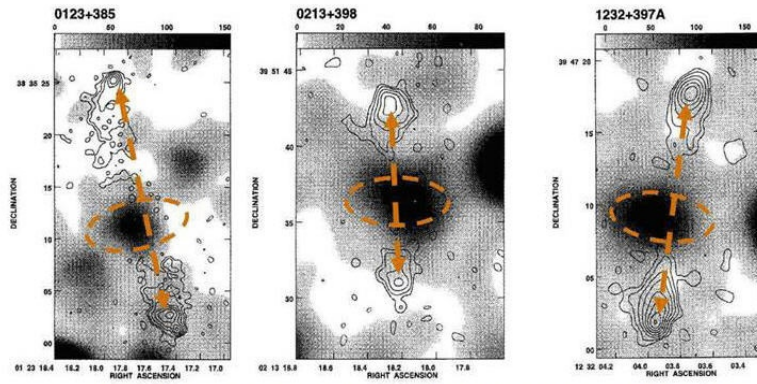


Figure 10, Three examples of pairing and splitting small Black Holes inside the Carina nebula.





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.

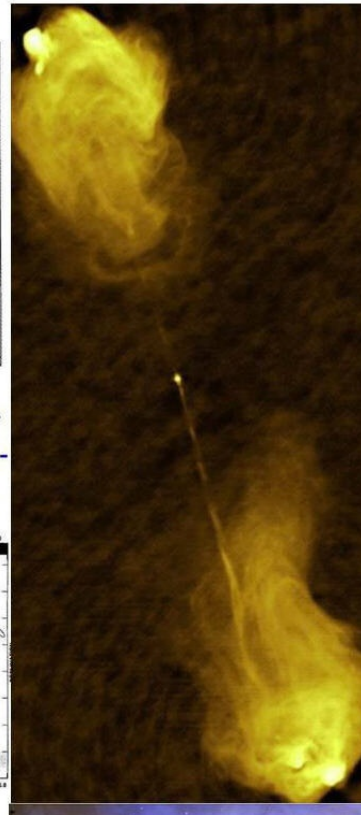
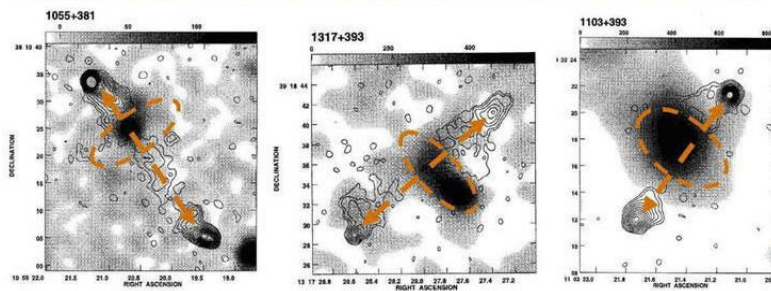


Figure 11, Cygnus A (right) is one of the best examples of Birkeland current driven gas concentration between dark matter Galaxy Anchor Black Holes (GaBHs) (fig 5) . Even in the early universe these dumbbell structure have been found like the “Faint B3 Radio Galaxies” (Owen and Keel)

## New Physics by the architecture of Quantum FFF (Function Follows Form) Theory. (Ref. 22)

### Characteristics of Quantum FFF Theory.

- 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 collection of huge entangled pinball machines, with dark energy in the form of linear oscillating double Higgs pins as the origin of photonic collision products with the propeller shaped Fermions running and spinning 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, Free energy devices and electron-muon decay levitation is proposed. An unstable Higgs vacuum seems to be present around all black hole horizons by observed H2 production and annihilation radiation created by pair production of positrons and electrons. (Instability of the Higgs field)

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