

**Dwarf Galaxies and their relation with Dark Matter based Galaxy Anchor Black Holes (GABHs).**

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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 by entropy decrease (nuclear electric potential) and is responsible for all dark matter in the universe.

The electric energy production of Stellar Anchor Black Holes (SABHs) and Galaxy Anchor Black Holes (GABHs), seem to be able to explain quick Star- and Galaxy formation, Birkeland Currents, Alfven Circuits and Herbig Haro Objects. If Galaxies merge, then in contrast the Galaxy Anchor Black Holes don't merge, but stay as neighbouring GABHs apart outside on both sides of the equatorial disc. The Higgs vacuum oscillation energy in between such neighbouring GABHs will decrease and become polarized and charged by Birkeland alike currents. As a consequence Inter galactic Gas and even stars will become concentrated in the middle of these GABHs and are supposed to form a Dwarf Galaxy.

## 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.

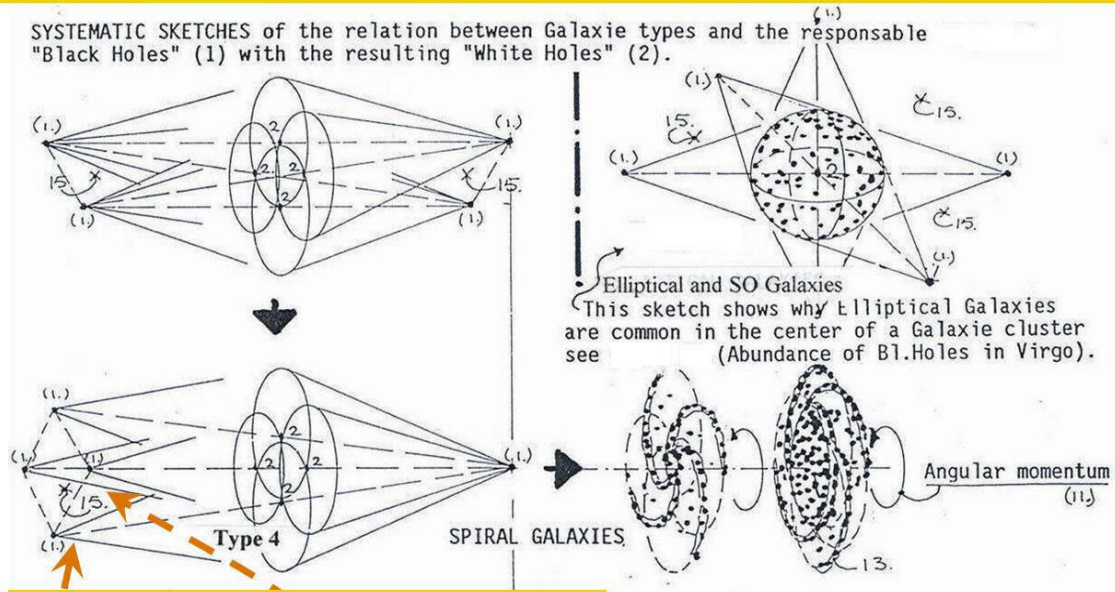
The multiverse is a huge pinball machine, with dark energy in the form of linear oscillating double Higgs pins as the origin of photonic collision products with the propeller shaped Fermions as balls. All forces are the result of this entangled Pin-Ball interaction.

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.

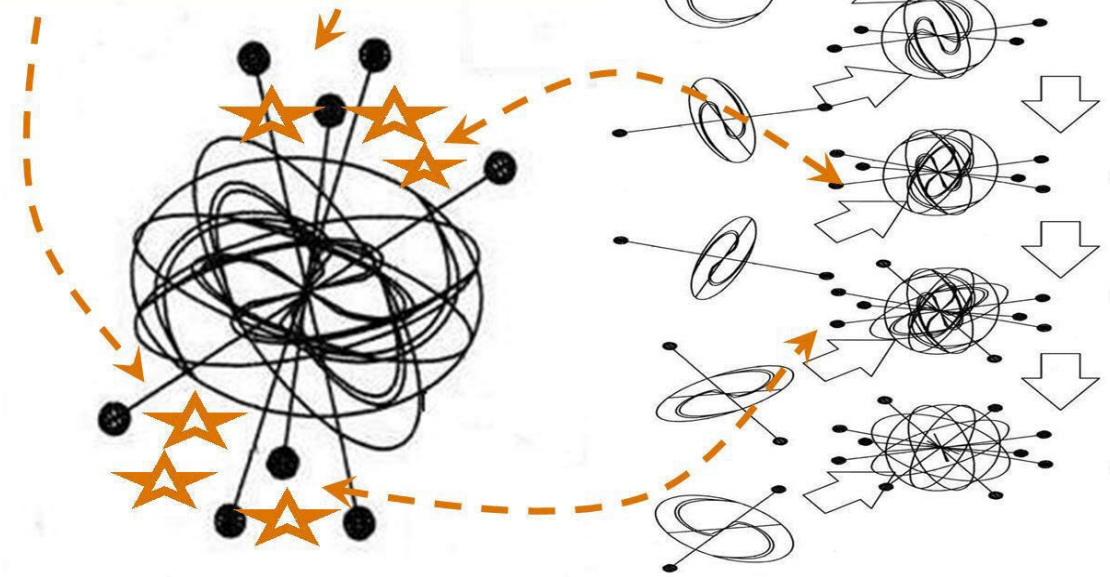
The 125GeV energy is the base for universal dark energy, the frequency is the base for local time and the length a base for the Planck scale. (Twin Higgs, Dual Higgs, Duplex Higgs, or Tandem Higgs)

AS A RESULT, 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 H<sub>2</sub> production and annihilation radiation created by pair production of positrons and electrons. (Instability of the Higgs field) (Ref. 25)

**DWARF Galaxy formation (15) in between (2 +) Galaxy Anchor Black Holes (1) (GABHs= Clumpy Dark Matter) after Galaxy merging according to Quantum FFF- Theory.**



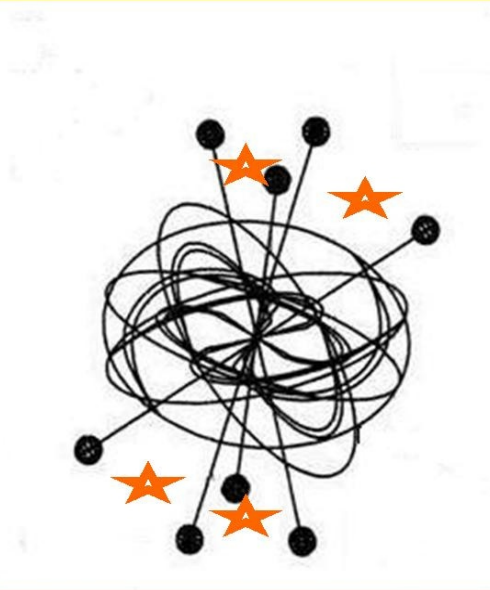
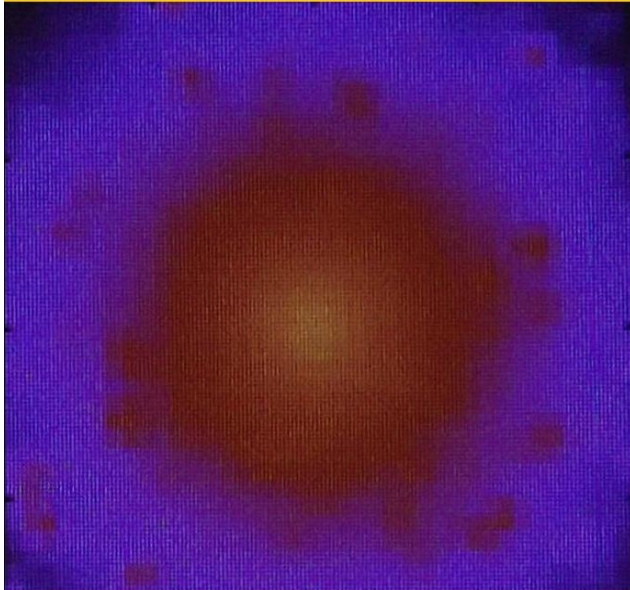
**DWARFS between GABHs**



**Galaxy merging**

Figure 1. Dwarf Galaxy creation between GABHs.

## Clumpy Dark Matter around Dwarf Galaxies related to Dark Matter based Galaxy Anchor Black Holes (GABHs) according to Quantum FFF-Theory



Clumpy Dark Matter also around main Galaxies such as The Sombrero galaxy. M104 is seeded with soft x-ray point sources, representing star formations like (Globular) Dwarfs (embedded in GABH-dark matter halos) and GCs (Globular Clusters with central GABHs). According to Quantum FFF-Theory, Halo Galaxy Anchor Black Holes have different sizes related to different ages.



Figure 2 Examples of Dark Matter point sources around Dwarfs



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

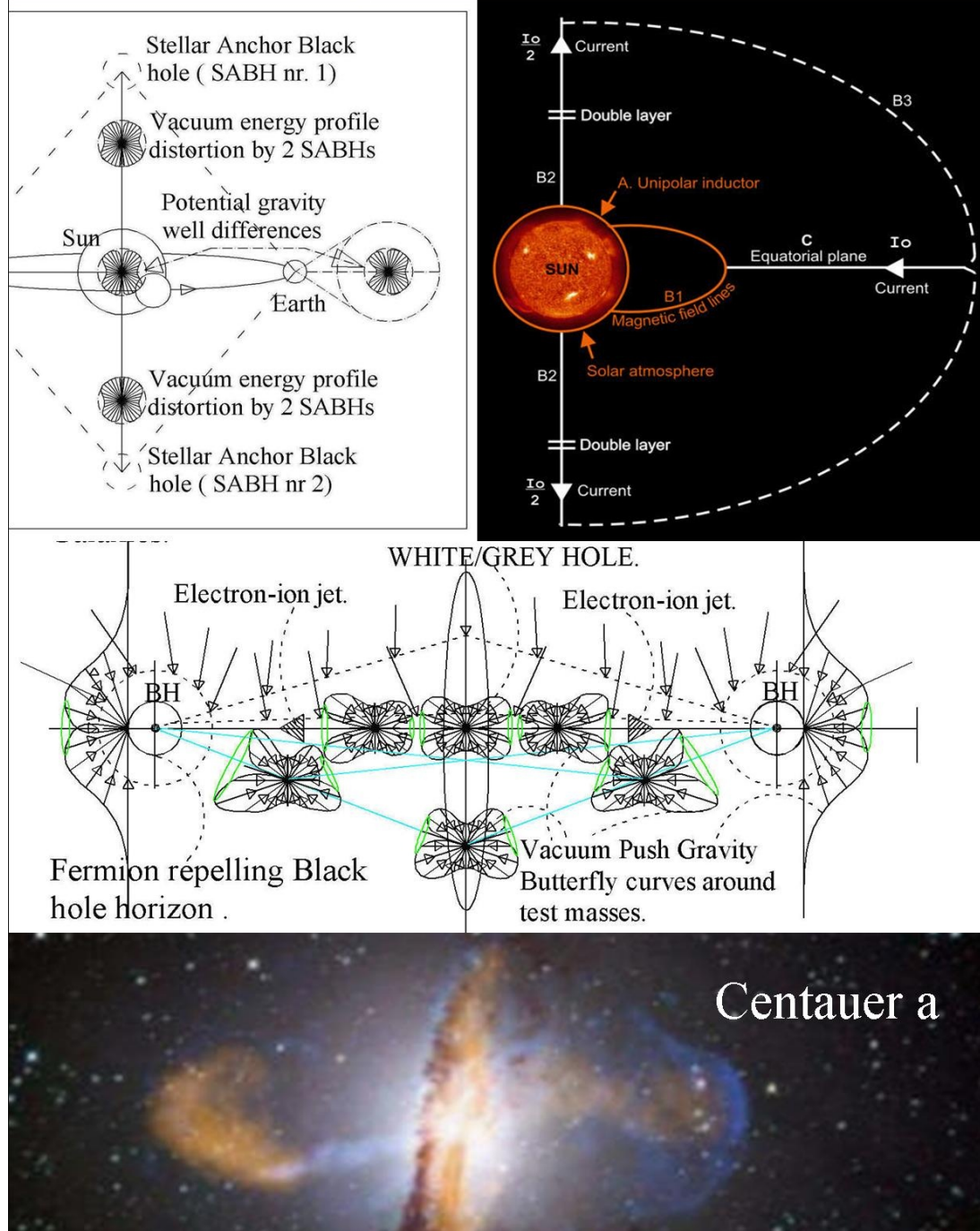
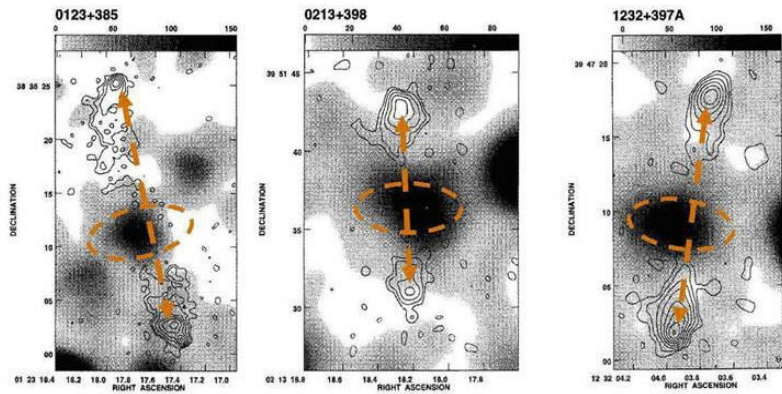
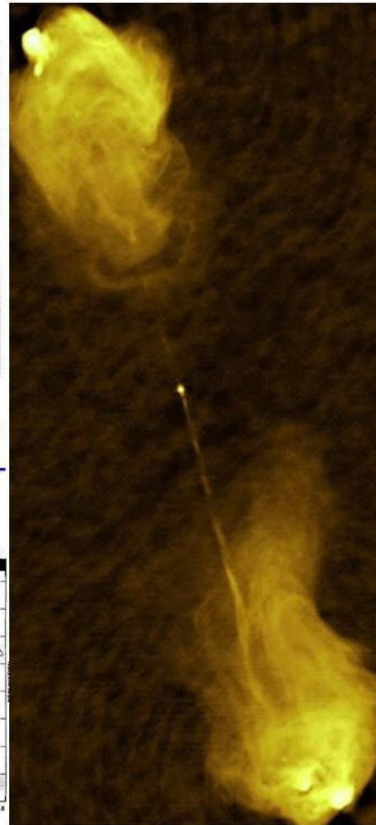
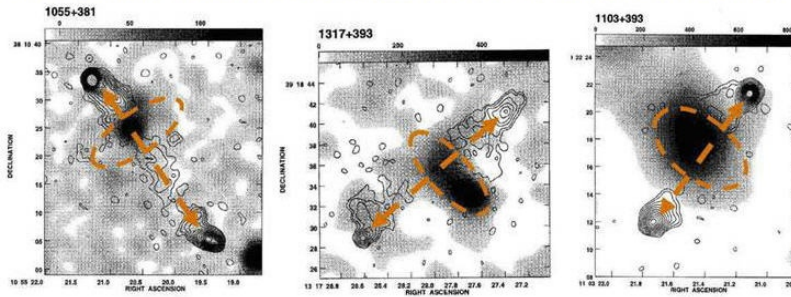


Figure 3. Oscillating Higgs vacuum polarisation with the resulting gas acceleration between black holes of difference sizes like Stellar Anchor Black Holes and Galaxy Anchor Black Holes.



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.

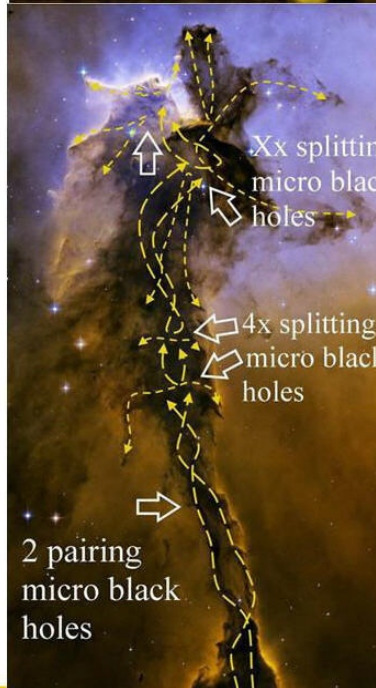
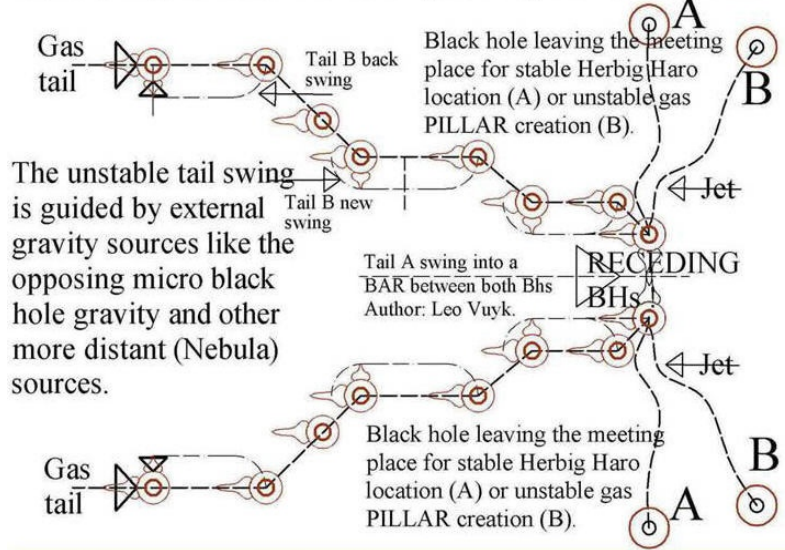
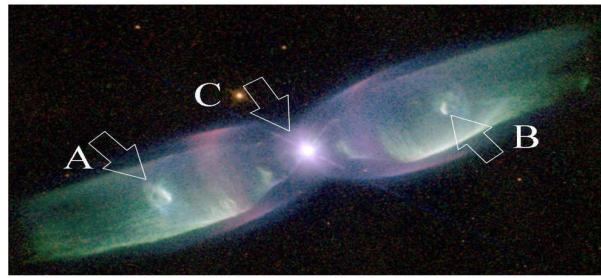
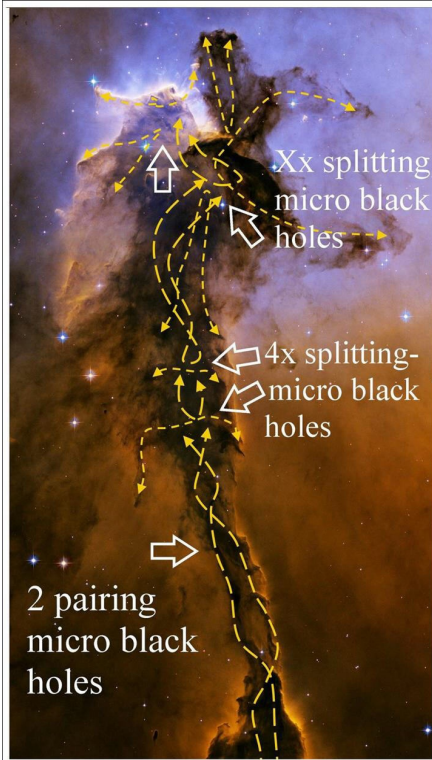
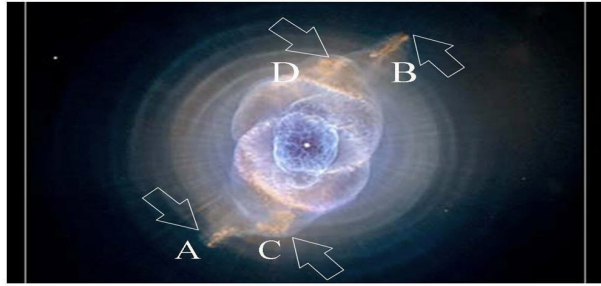


Figure 4. Pairing and Splitting Black Holes in Early galaxies Cygnus A and inside Nebula.





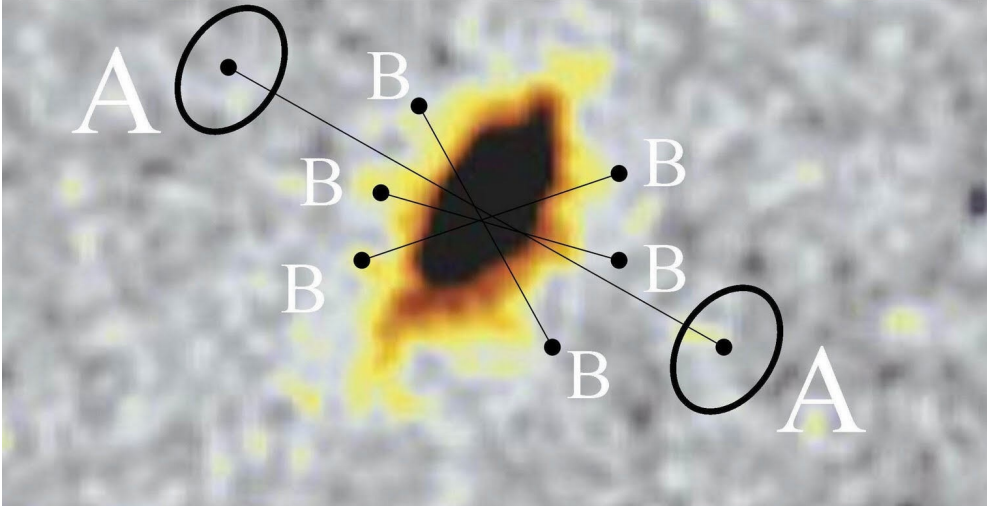
This Exploding Star /Planetary Nebula M2-9, is presenting only two Stellar Anchor black holes located at A and B. The star is located at C. The shape of this system is an example of double ring shaped dark matter/ sunspot gravity influence.



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

### Cannonball galaxy Gas concentration by two different black hole systems: A and B



**Figure 6 . 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.

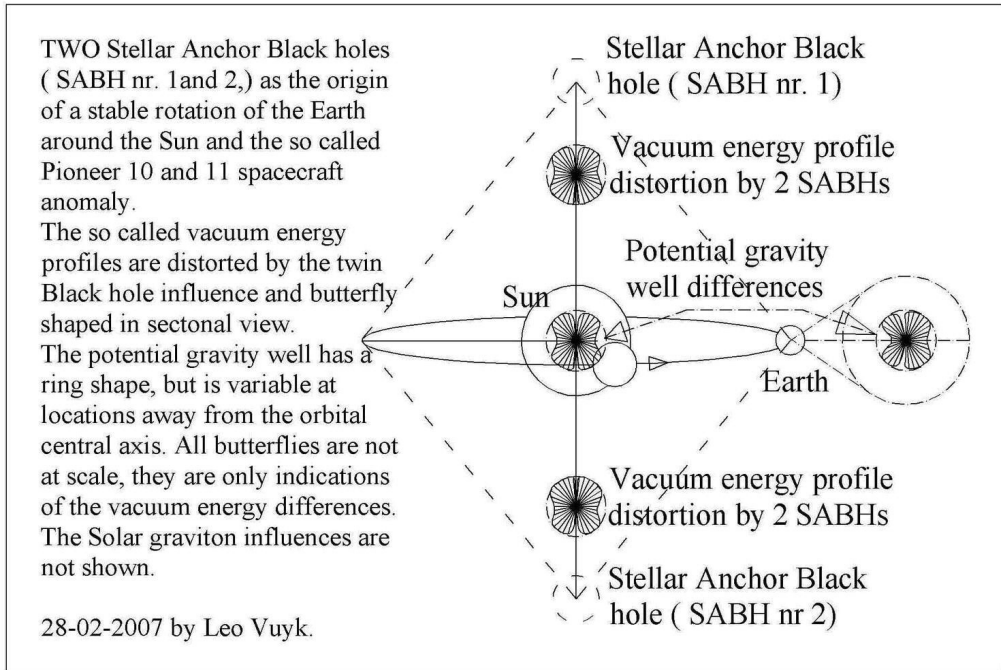
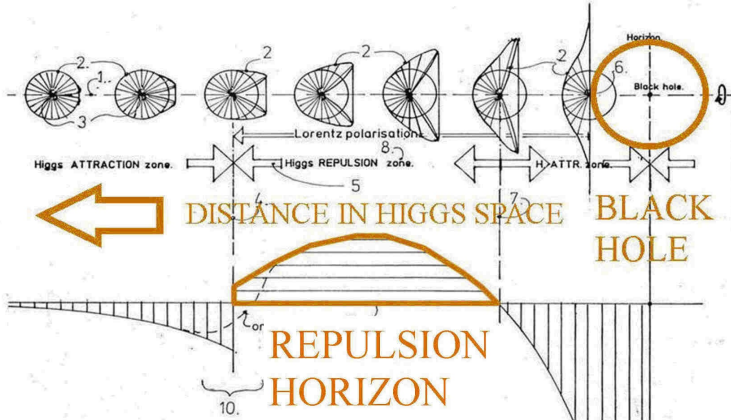


Figure 7. Stellar Anchor Black Holes (SABHs) and the Sun.

### The Fermion repelling horizon of new black holes



7x Higgs quantum curves (2) are depicted for Fermions (3) with different distance to the BH 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 8. Fermion repelling horizon of new paradigm black holes.



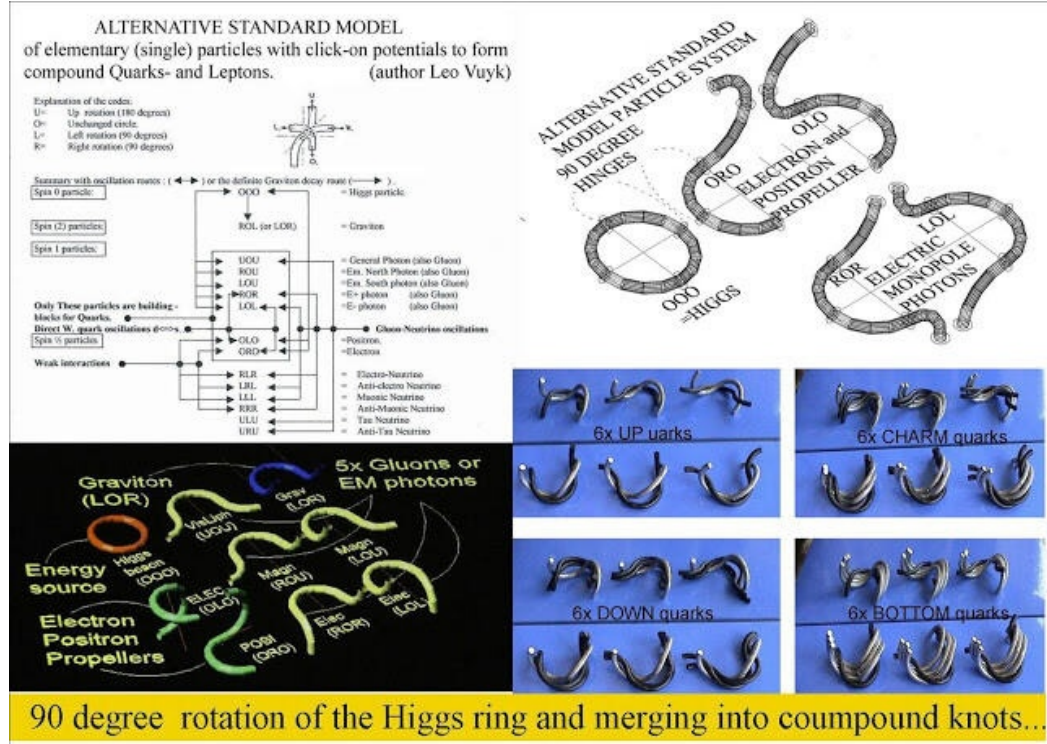


Figure 9. Alternative standard model



Figure 10. Micro black hole influences on Ball lightning and micro Comets on Earth.

# Dual Spin of the Propeller Shaped Electron, Combined with the UP or DOWN atomic rotation

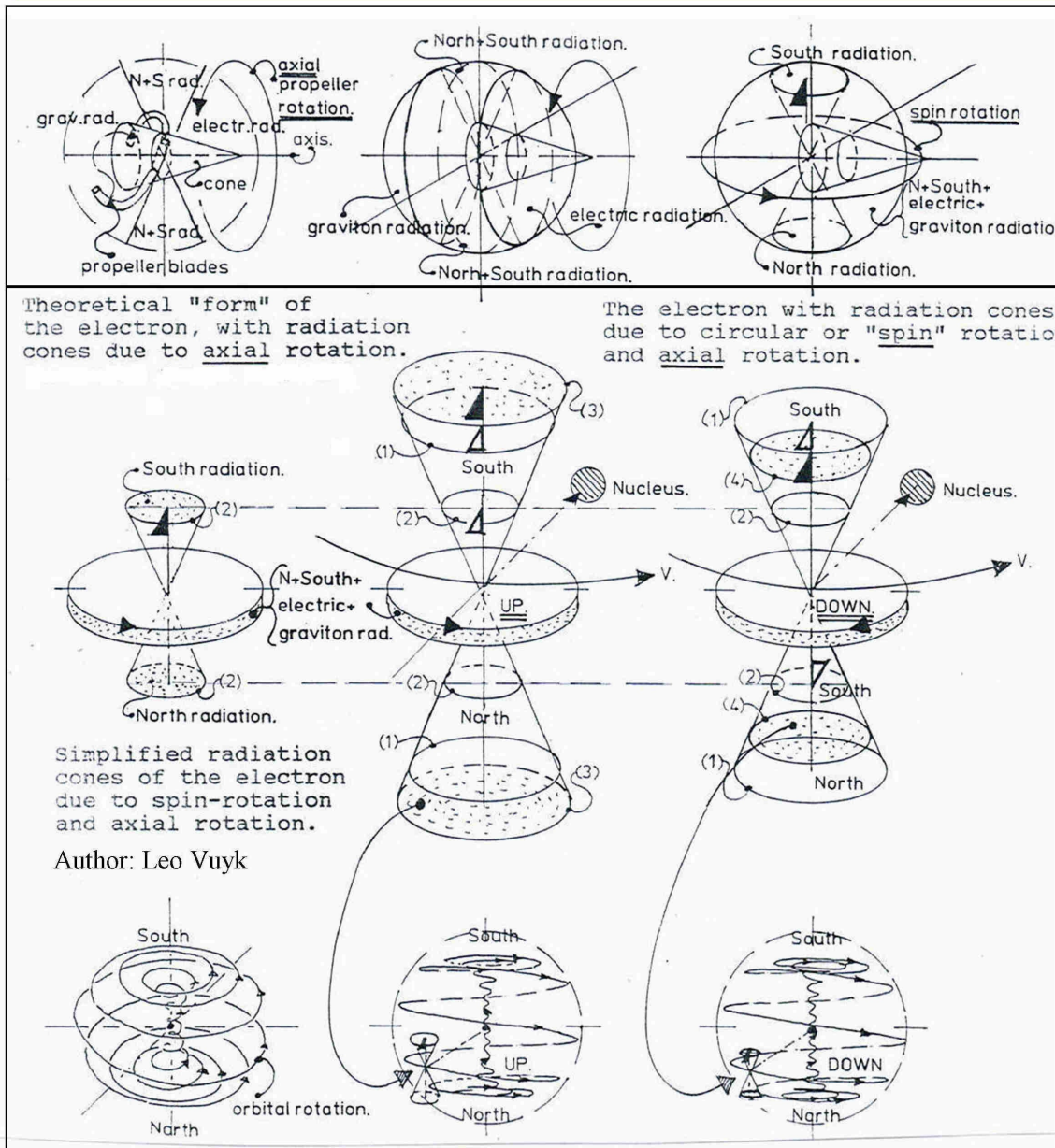


Figure 11. Dual spin of Fermions with up and down orientation of the electron



Examples of “new” black holes, accelerated by self produced H<sub>2</sub> 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.

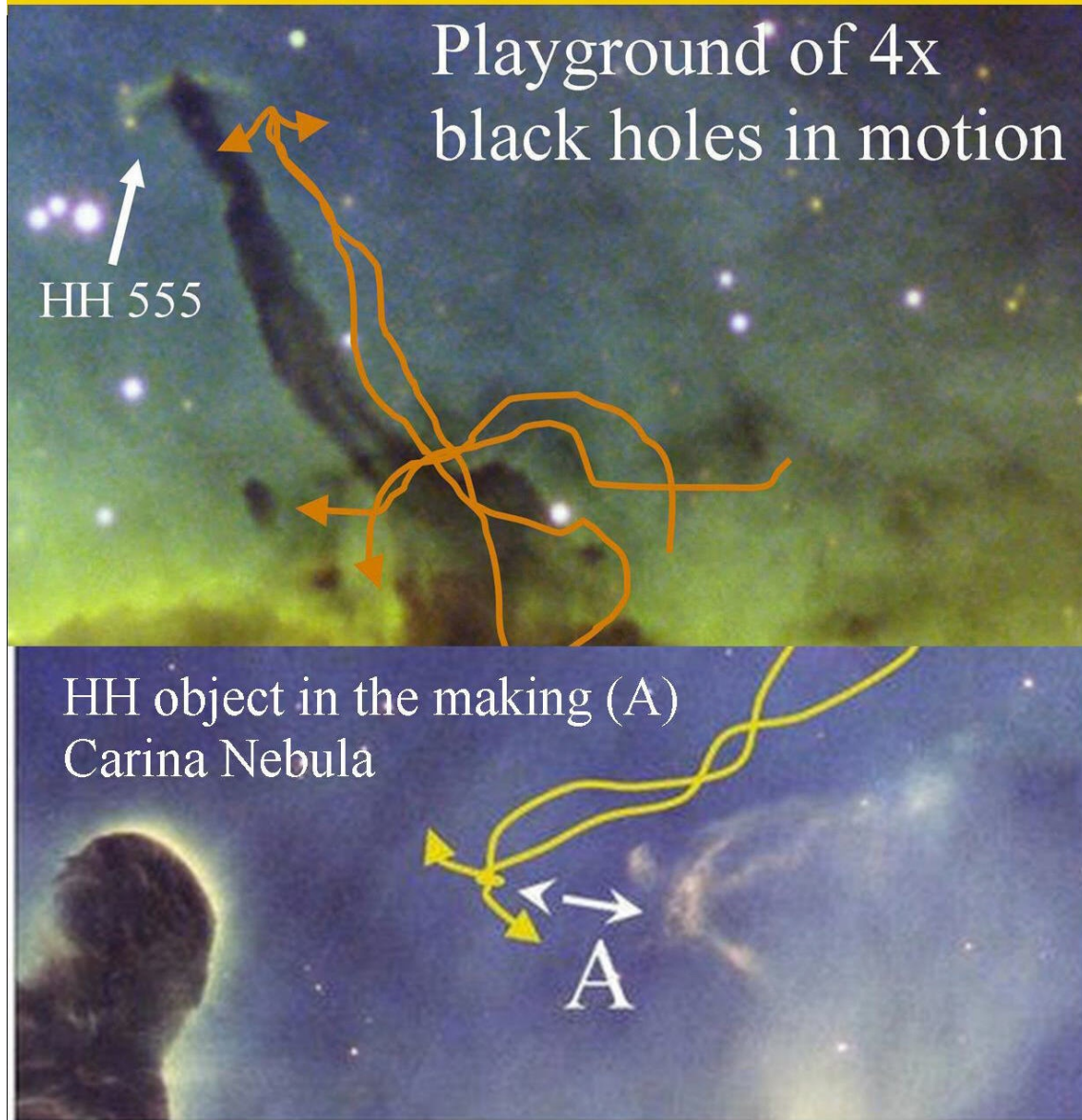


Figure 12. Examples of pairing and receding new micro black holes inside. Splitting to create Herbig Haro Objects with star formation in between.



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