

# Quantum FFF Theory, Poster News 4.

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Design for new physics.  
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## Abstract,

FUNCTION FOLLOWS FORM in 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 consequence, a NEW splitting, accelerating and pairing MASSLESS Dark Matter Black Hole, able to convert vacuum energy (ZPE) into real energy by entropy decrease, seems to be able to explain quick Galaxy- and Star formation, down to Sunspots, (Micro) Comets, Lightning bolts, Sprite Fireballs and Ball Lightning.

Recently, lots of new cosmological information inspired me to react by the production of poster images added with explanatory texts. The result of the latest three months is gathered in this issue.

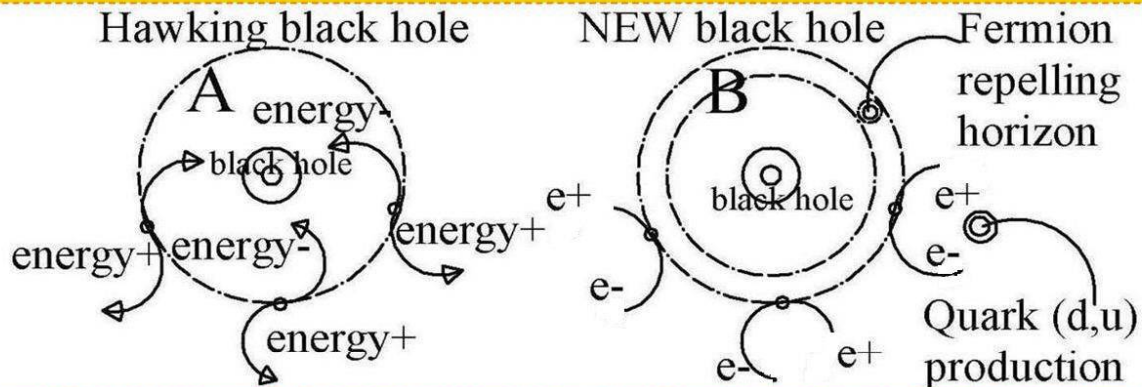
I am an architect who is interested in the possible FORM and FORM transformation aspects as information medium in micro- and macro physics, as a realistic search for the origin of Matter Space and Time. I believe that OUR COMPLEX WORLD can not be described by FORMULAS ALONE. WHY? Because we don't know why the universe is as it is. An example: "Finetuning": Why are the "fundamental constants" constant? My suggestion: because the sub-quantum FORM of particles and the Higgs vacuum lattice have a certain form and play a game with us.. So I designed simple convertible shapes for real QUANTUM particle information use. At the same time I realized that black holes should also have some nuclear form and as a result I found that dark matter is related to black holes and Higgs particles have only energetic mass inside an oscillating Higgs vacuum lattice. Multiverse based mirror symmetric consciousness (entanglement) is assumed to be the base for all particle- wave -and human guidance or wavefunction collapse. SEE:

<https://www.flickr.com/photos/93308747@N05/?details=1> and:

[http://vixra.org/author/leo\\_vuyk](http://vixra.org/author/leo_vuyk)

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# No Fermion Information Loss in Black Holes by Fermion Repelling Horizon.



According to Quantum FFF Theory, there is no fermion information loss, only photonic information loss in a black hole. Quantum fluctuations around the BH horizon produce pairs of leptons.  $e^-$ ,  $e^+$  and even compound quarks (d,u, etc, see Fermion 3D string propeller theory: Fermion repelling by spin flip). For tripple BH horizons see image nrs 7, 10 and 11. Event horizon=7, Inner photon ring = 10, Outer photon ring = 11. Conclusion The Big Bang did not produce instantly all the Fermions in the universes. Even now lots of Fermions are produced by all BHs even the largest primordial Big bang splinters located outside large galaxies. see also: <<http://vixra.org/abs/1410.0039>

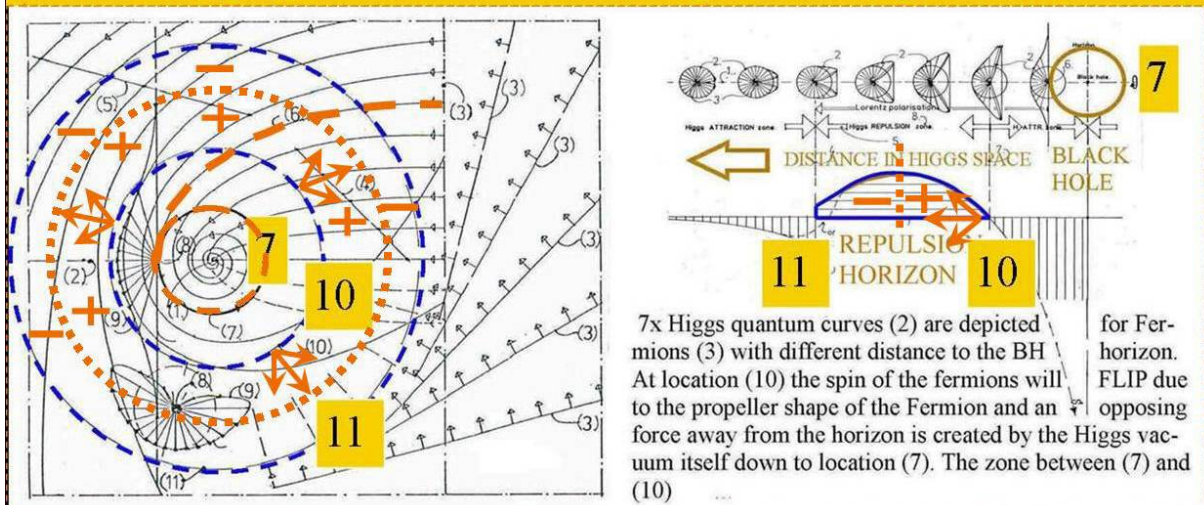
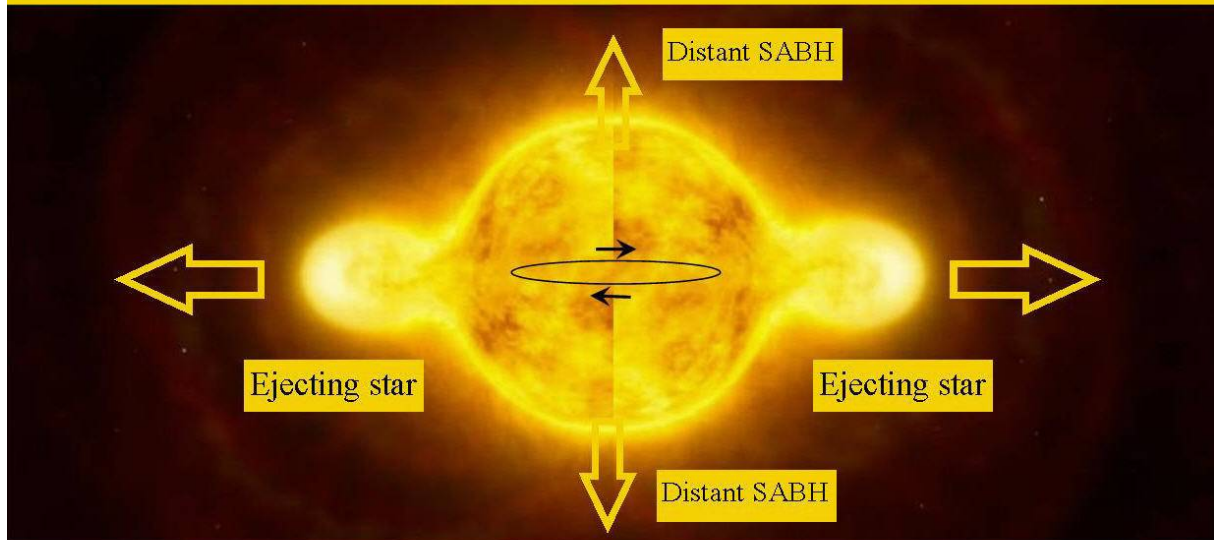


Figure 1,

## Dual Star production out of the central mother star in open star clusters, according to Quantum FFF Theory.



Open star clusters are supposed to originate only in between a dual system of Super Nova Black Holes, (SNBHs) observable as the dual hotspots of Herbig haro systems. The size of both SNBHs is responsible for the polarisation of the oscillating Casimir-Higgs field and the maximum size of the growing central star. If the maximum size is reached rotational instability is supposed to start the ejection of two baby stars, leaving the place by the dual attraction of the SABHs. If the H<sub>2</sub> Plasma accretion to the central star stops, only planetary failed stars (Jupiter) and metal rich planets (earth), will be created by the same instability.

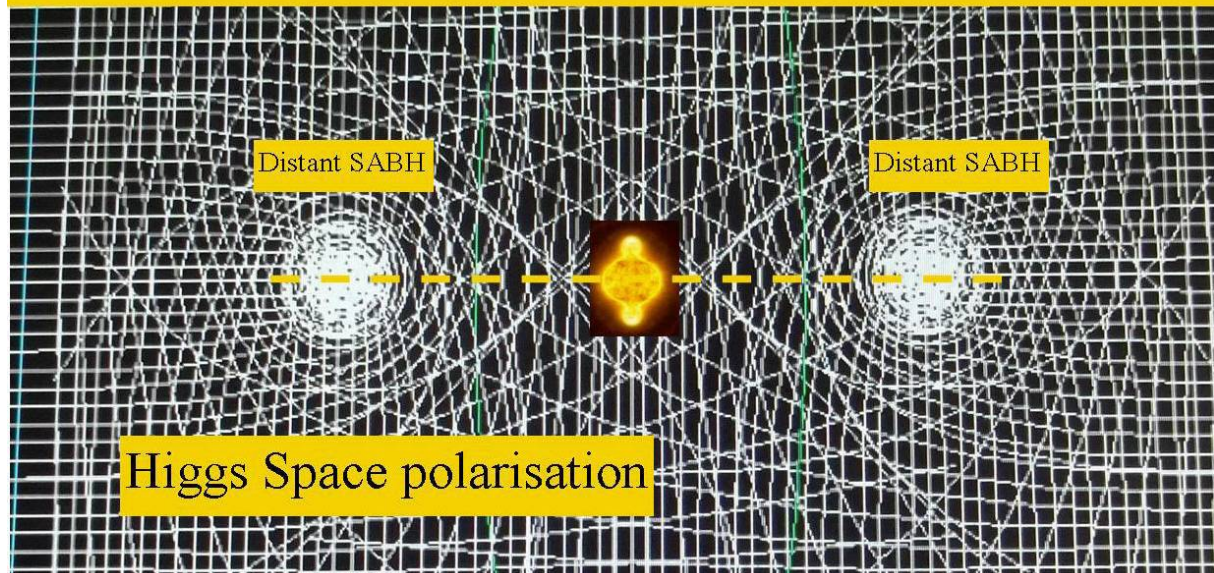
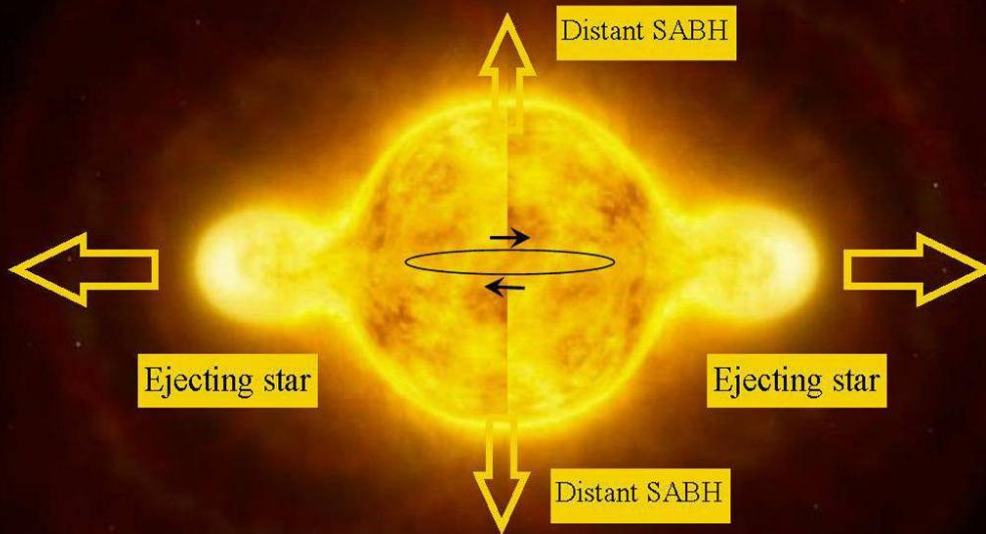
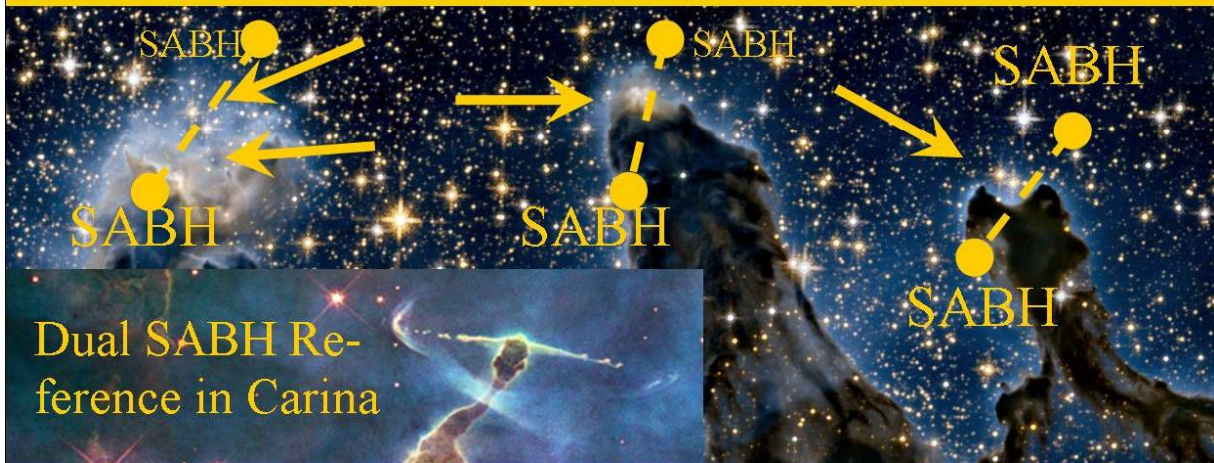


Figure 2,

Dual Star production out of the central mother star in open star clusters, according to Quantum FFF Theory.



Open star clusters are supposed to originate only in between a dual system of Super Nova Black Holes, (SNBHs) observable as the dual hotspots of Herbig haro systems. The size of both SNBHs is responsible for the polarisation of the oscillating Casimir-Higgs field and the maximum size of the growing central star. If the maximum size is reached rotational instability is supposed to start the ejection of two baby stars, leaving the place by the dual attraction of the SABHs. If the H<sub>2</sub> Plasma accretion to the central star stops, only planetary failed stars (Jupiter) and metal rich planets (earth), will be created by the same instability.



The eagle nebula in infrared, shows dual star production in between two distant SABHs (former HH hotspots) at the top of the pillars of creation.

Figure 3, .

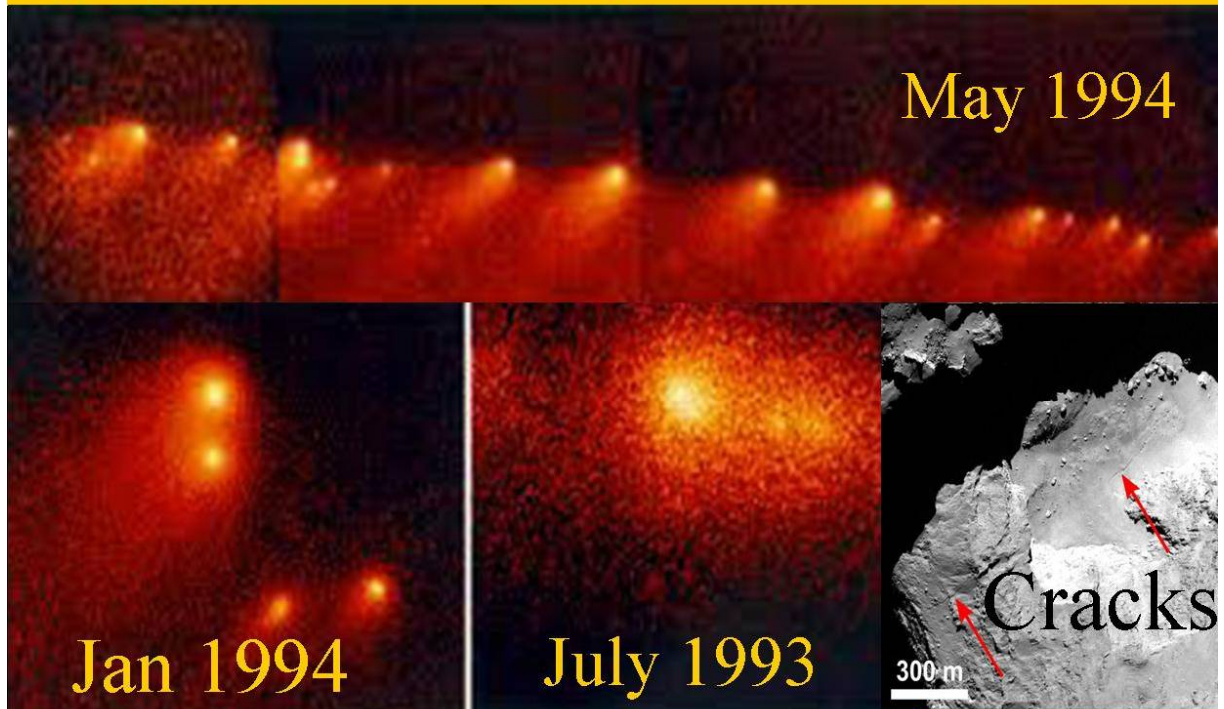
Bi-polar (A) and multipolar (B) Planetary Nebula related to Dark Matter Black Hole based (DMBH) Starspots ejection (C). DMBHs aim by ZPE to pair (D) and form Herbig Haro systems creating binary stars in between these DMBHs called SABHs. (E)



According to Quantum FFF Theory, dual Herbig Haro hotspots are former DMBHs called SABHs Stellar Anchor Black Holes with binary star creation in between, most at the top of dust pillars of creation inside older nebula.(E) This process is also the base of galaxy formation in the early universe.

Figure 4,

# Cracks in multinuclear Comet 67P CG, a prognosis for S.Levy 9 alike destruction?



Below: cross section of the comet with proposed Dark Matter Black Hole point sources of different magnitude. According to QuantumFFF Theory.

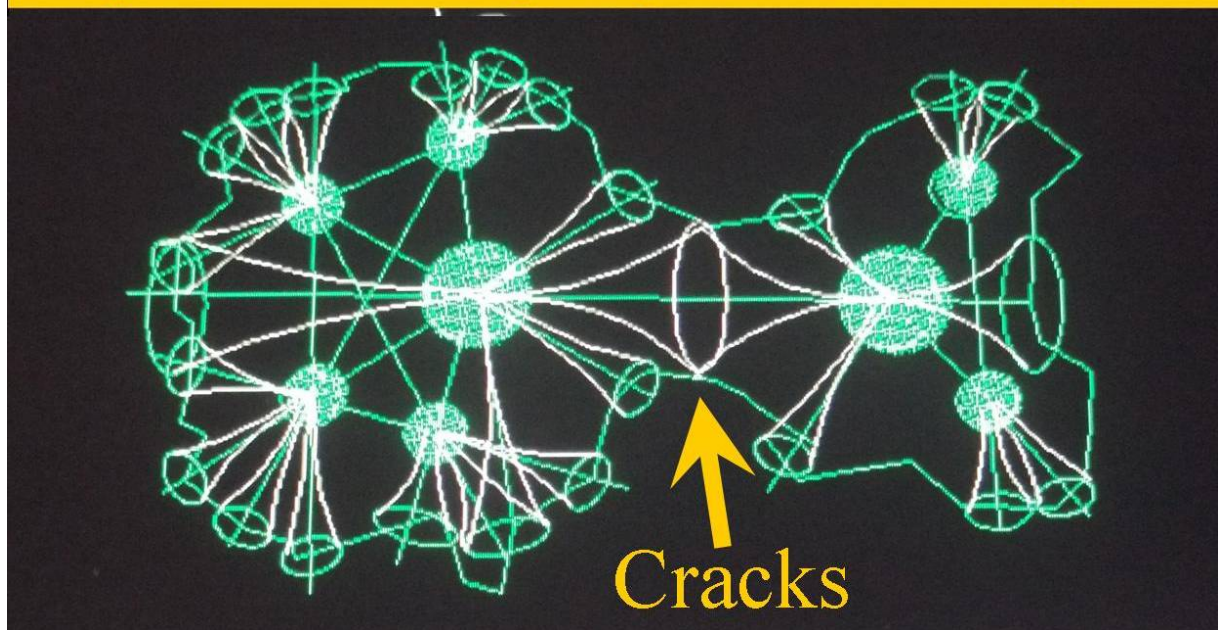
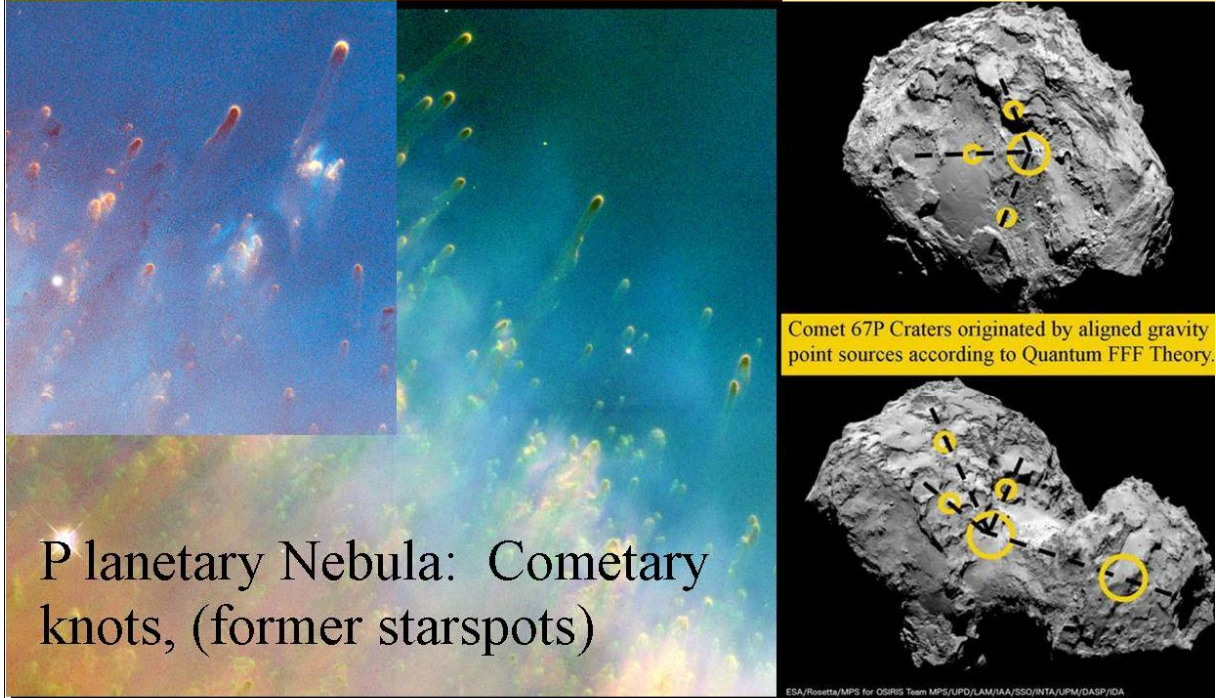


Figure 5,

# The origin of Comets: former starspots called surprisingly Cometary knots!.



Below: cross section of the comet with proposed Dark Matter Black Hole point sources of different magnitude. According to QuantumFFF Theory.

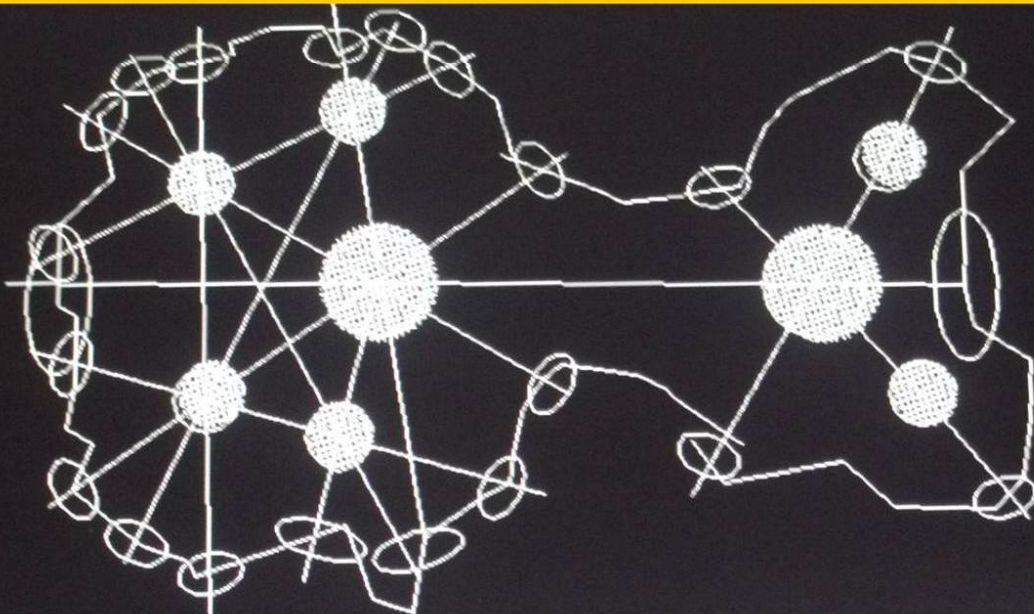
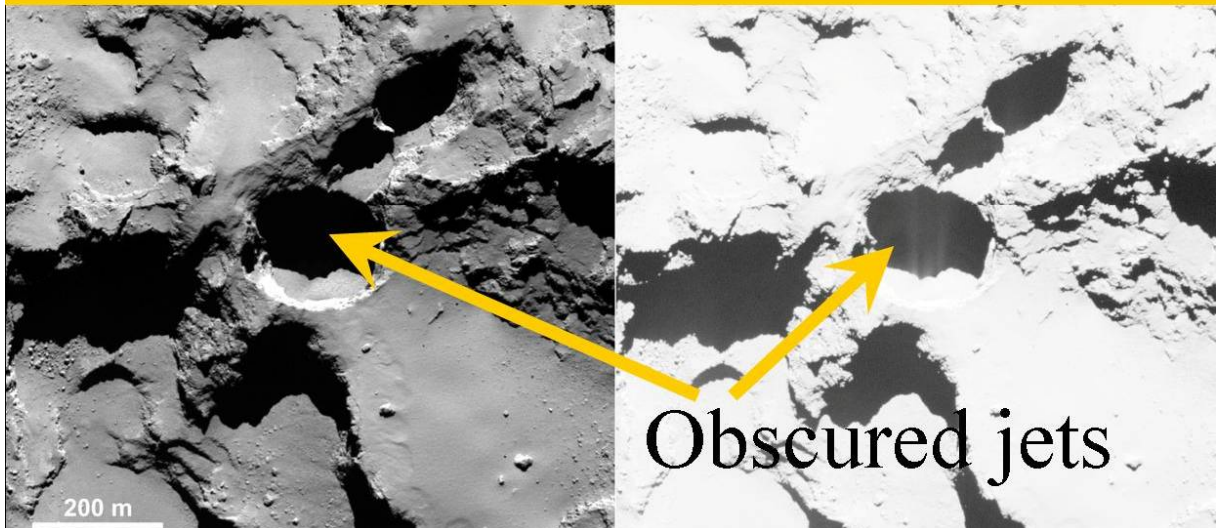


Figure 6,

Crater creation by internal icy Funnel Structures, suggested to be created by aligned Dark Matter BH point sources for Comet 67PCG.



Below: 67P-CG cross section with proposed (boulder producing) growing ice funnel structures created by aligned Dark Matter Black Hole point sources of different magnitude. ( Leo Vuyk hypothesis)

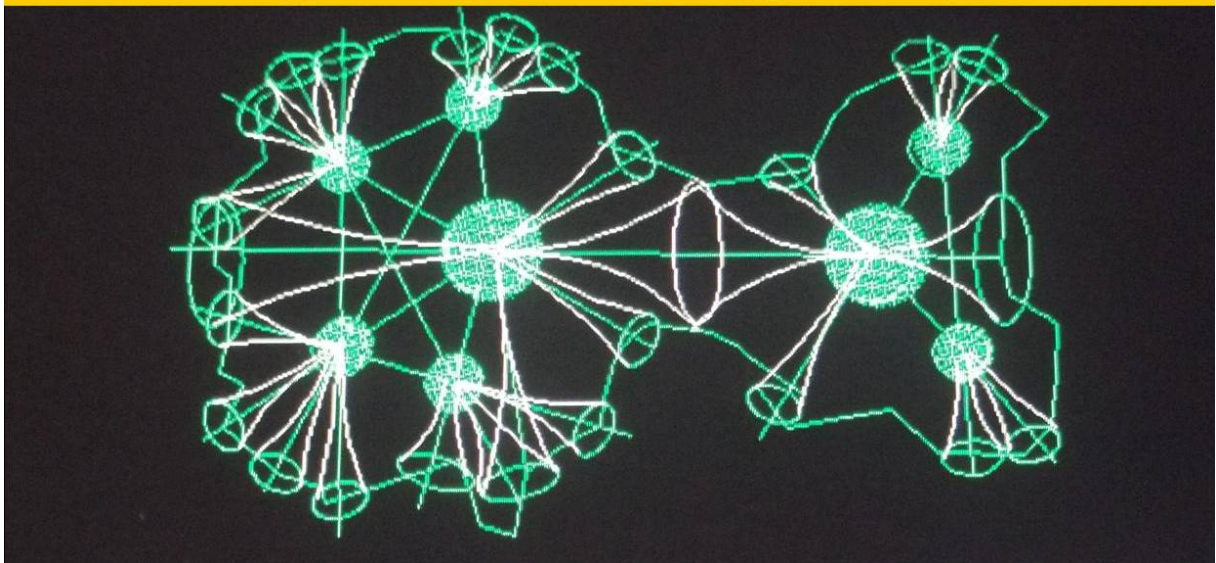
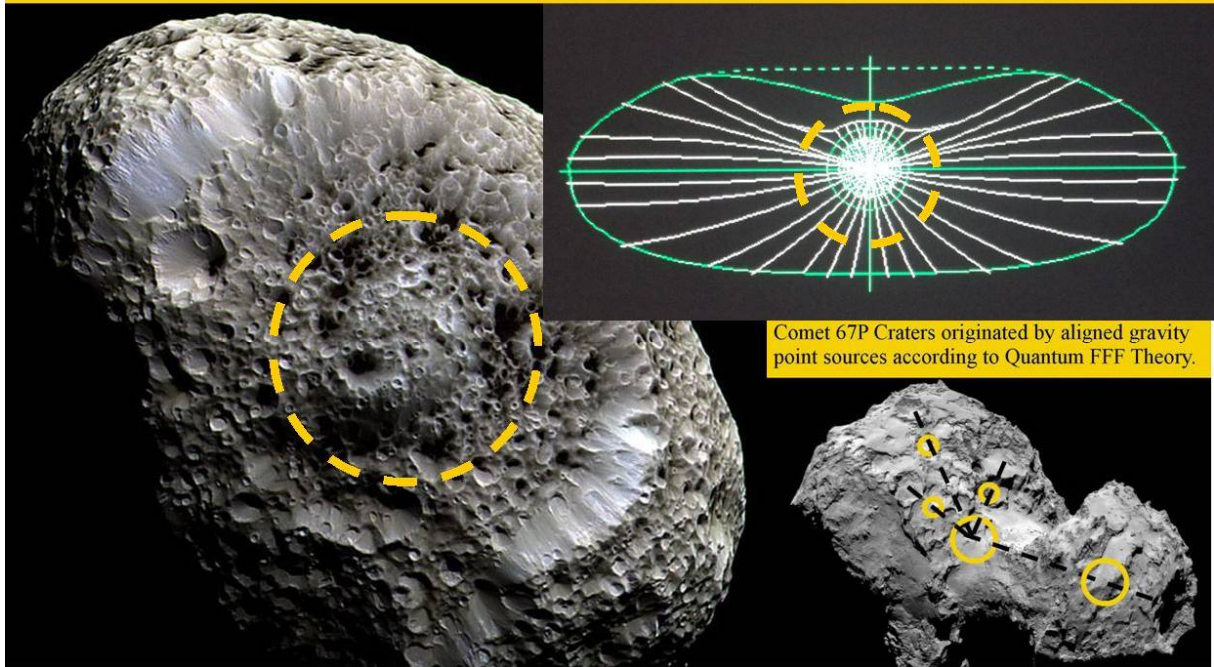


Figure 7,



Internal Porous Funnel Structures, created by Dark Matter BH point sources for Comet 67PCG, and Hyperion. (a former Comet without BH nucleus).



Below: 67P-CG cross section with proposed (boulder producing) growing ice funnel structures created by Dark Matter Black Hole point sources of different magnitude. (according to Quantum FFF Theory.)

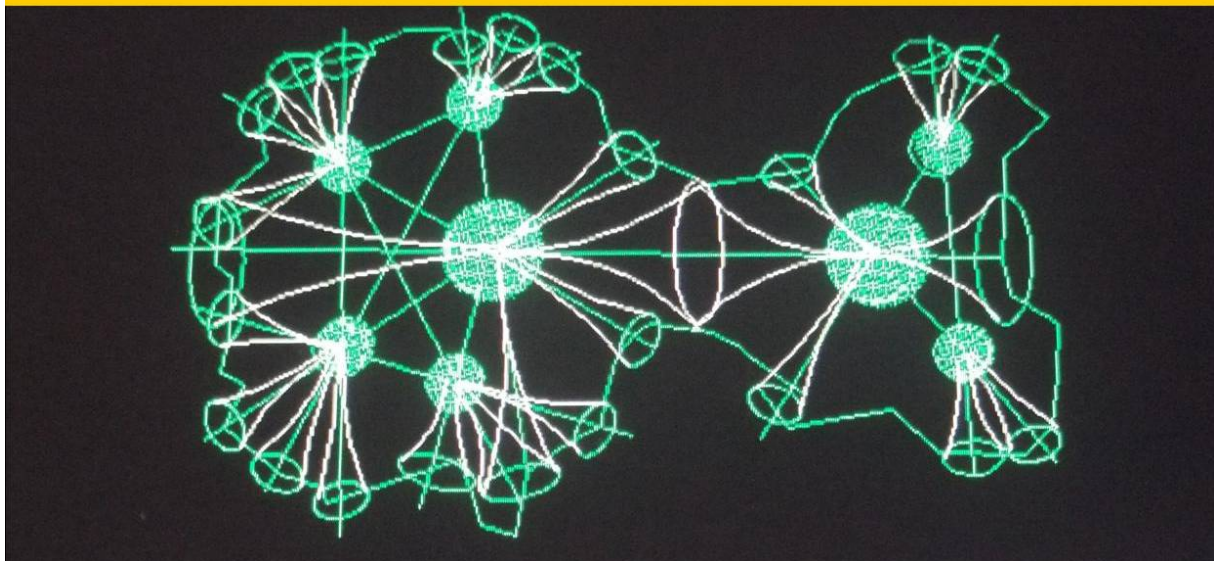


Figure 8,

According to the Quantum-FFF model, (Function Follows Form) Microscopic Dark Matter (singularity black holes) are proliferated inside stars (sunspots), comets and ball lightning. Recent study (B. Harris) suggest, that also around earth an equatorial dark matter ring is present as the origin of the “Flyby anomaly”. However a DM equatorial disc located inside the earth (like sunspots) could solve the Flyby anomaly better and perhaps even the so called P-Wave shadow zone.

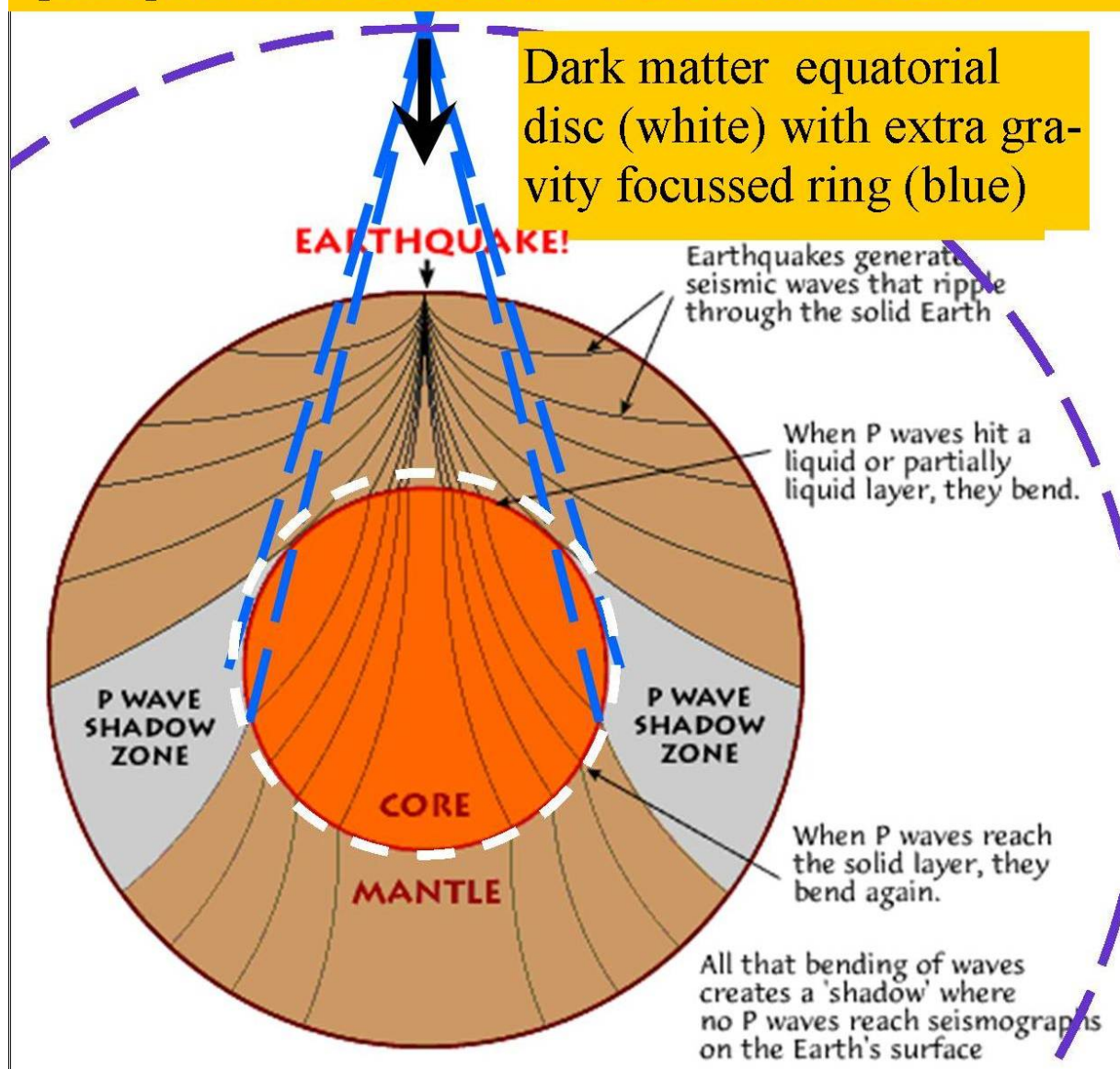


Figure 9,

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

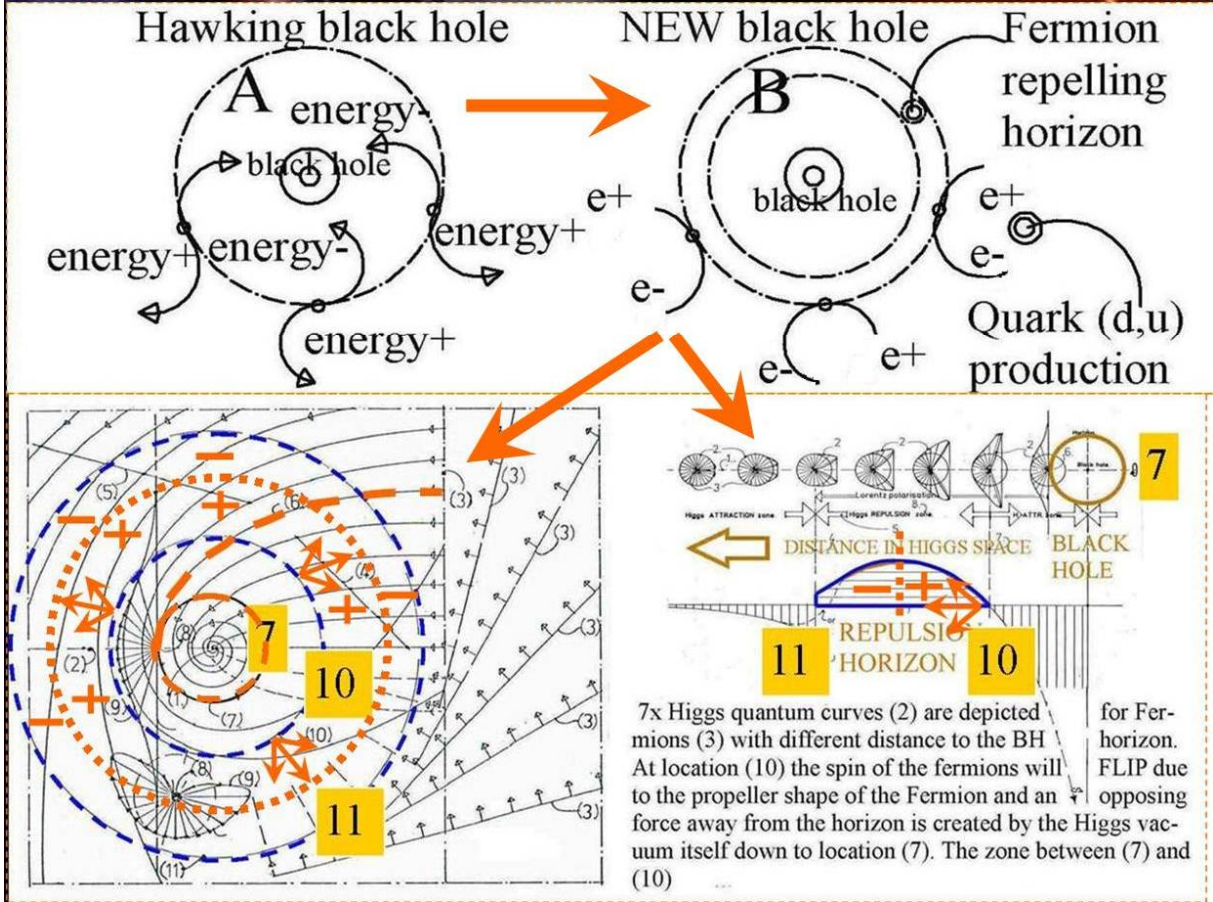
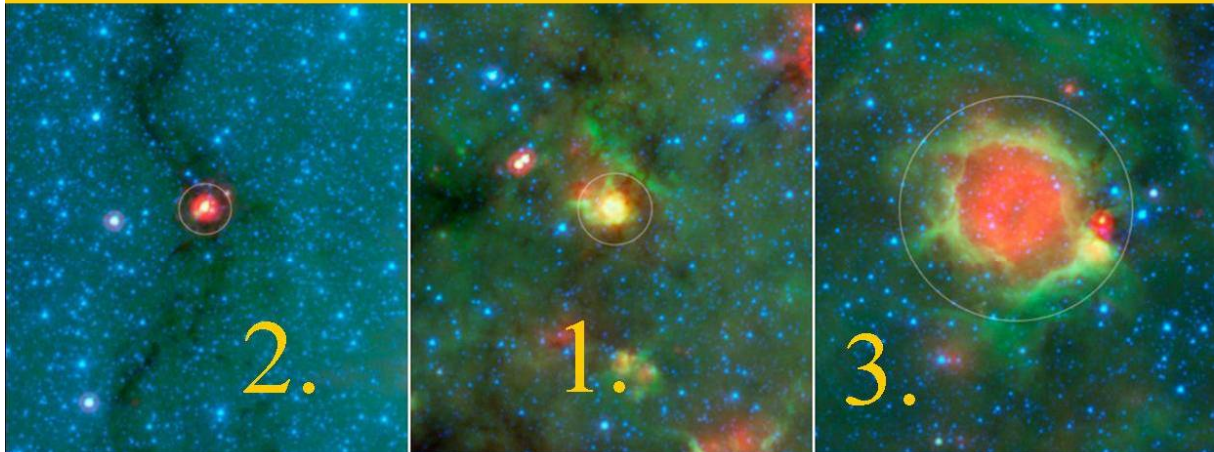


Figure 10,

# Yellow Balls, recently observed as early star forming open cluster centre. According to Quantum FFF Theory.



Yellow Balls, (1) as intermediate phase between a Herbig Haro central star (2) and the start of an open star cluster called “Blow out cavity” bubble (3). Below: the principle how dark matter black holes accelerate and pair into Herbig Haro objects.

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.

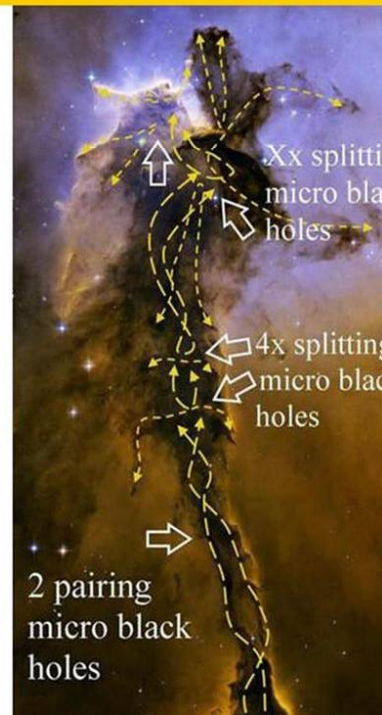
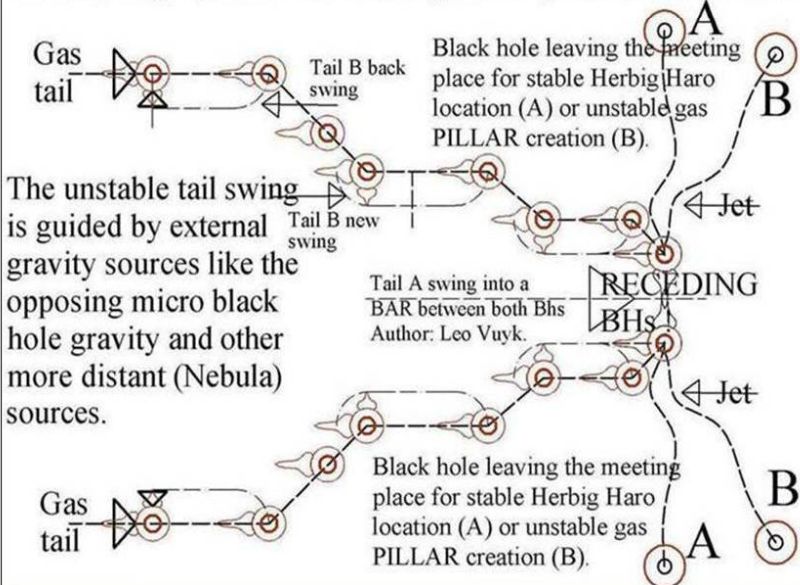


Figure 11,

I think that Stephen Hawking did not calculate with the possibility of a chiral oscillating Higgs field vacuum lattice combined with propeller shaped Fermions. Then, due to Vacuum chirality, Electron- and Positron propellers could both be pushed away from the BH horizon after spin flip polarization at different distances, forming two charged separated spheres. With quark ( plasma) formation in between.

Based on such a simple object ( propeller and process) oriented ontology, Black Holes could be imagined as charge splitters violating the 2e law of thermodynamics, combined with a continuous microscopic big bang plasma creation process!

The result I try to describe :

- 1: Black holes are the same as Dark Matter, they all consume photons, even gravitons and the Higgs field, but REPEL Fermions due to their propeller shape. They produce electric charged plasma.
  - 2: Dark Energy is the oscillating ( Casimir) energy of the Higgs Field equipped with a tetrahedron lattice structure with variable Planck length..
  - 3: Quantum Gravity = Dual Push gravity= Attraction (Higgs-Casimir opposing Graviton push).
  - 4: The Big Bang is a Splitting dark matter Big Bang Black Hole (BBBH), splitting into smaller Primordial Big Bang Spinters (PBBS) forming the Fractal Lyman Alpha forest and evaporating partly into a zero mass energetic oscillating Higgs particle based Higgs field.
  - 5: Dual PBBS hotspots, produce central plasma concentration in electric Herbig Haro systems as a base for star formation in open star clusters as a start for Spiral Galaxies.
  - 6: Spiral Galaxies will keep both Primordial Dark Matter Black Holes as Galaxy Anchor Black Holes (GABHs) at long distance.
  - 7: After Galaxy Merging, these GABHs are the origin of Galaxy- and Magnetic field complexity and distant dwarf galaxies .
  - 8: Black Holes produce Plasma direct out of the Higgs field because two Higgs particles are convertible into symmetric electron and positron (or even dual quark-) propellers (by BH horizon fluctuations).
  - 9: The chirality of the (spiralling) vacuum lattice is the origin our material universe. (propeller shaped positrons merge preferentially first with gluons to form (u) Quarks to form Hydrogen.
  - 10: The first Supernovas produce medium sized Black Holes as the base for secondary Herbig Haro systems and open star clusters.
  - 11: ALL Dark Matter Black Holes are supposed to be CHARGE SEPARATORS with internal positive charge and an external globular shell of negative charged Quark electron plasma.
  - 12: The lightspeed is related to gravity fields like the earth with long extinction distances to adapt with the solar gravity field.
  13. Quantum FFF Theory states that the raspberry shaped multiverse is symmetric and instant entangled down to the smallest quantum level. Also down to living and dying CATS in BOXES. If our material universes has a chiral oscillating Higgs field, then our material Right Handed DNA helix molecule could be explained.
- However it also suggests that in our opposing ANTI-MATERIAL multiverse neighbour universe the DNA helix should have a LEFT HANDED spiral.
- According to Max Tegmark: in an entangled multiverse we may ask: is there COPY PERSON over there, who is reading the same lines as I do?
- If this COPY person is indeed living over there, then even our consciousness should be shared in a sort of DEMOCRATIC form,
- Then we are not alone with our thoughts and doubts, see:  
Democratic Free Will in the instant Entangled Multiverse.  
[vixra.org/pdf/1401.0071v2.pdf](http://vixra.org/pdf/1401.0071v2.pdf)

## Quantum FFF Theory (Function Follows Form)

- 1: Black holes are the same as Dark Matter, they all consume photons, even gravitons and the Higgs field, but REPEL Fermions due to their propeller shape. They produce electric charged plasma.
  - 2: Dark Energy is the oscillating ( Casimir) energy of the Higgs Field equipped with a tetrahedron lattice structure with variable Planck length..
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  - 12: The lightspeed is related to gravity fields like the earth with long extinction distances to adapt with the solar gravity field.
- See also: [vixra.org/author/leo\\_vuyk](http://vixra.org/author/leo_vuyk)

Figure 12.

# Charge splitting black holes and the mysterious dual pairing to form Herbig Haro objects, galaxies and starclusters.

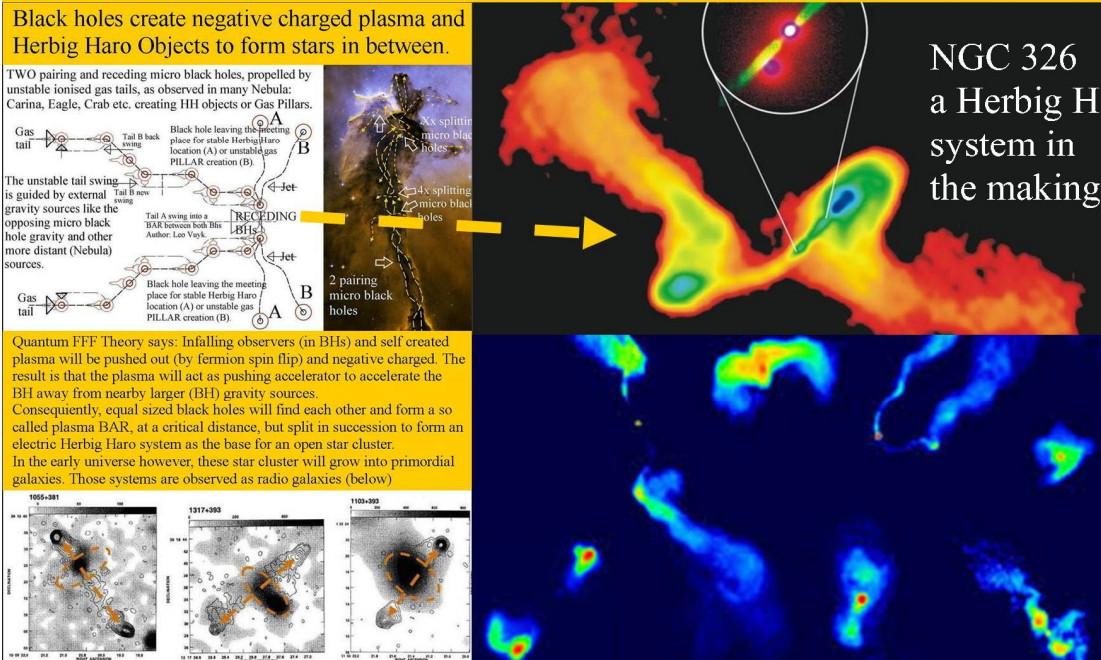
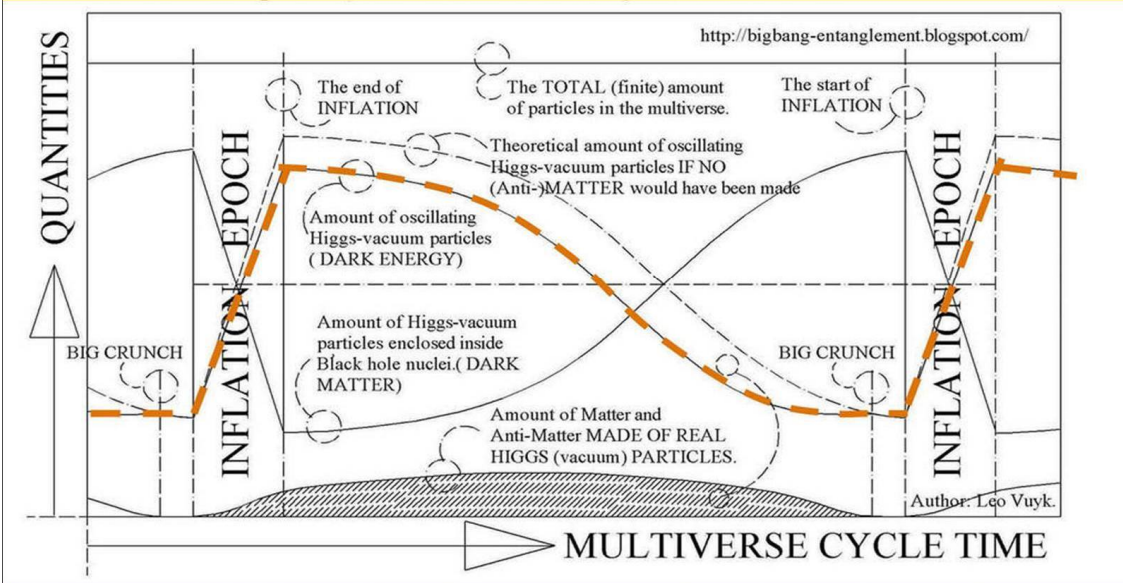


Figure 13.

The inflation epoch starts if the decreasing (Casimir) vacuum pressure equals the increasing Higgs particle elasticity inside the Big Crunch black hole nucleus. The Inflation epoch without re-ionisation ends if all splintered black hole nuclei have found a partner to form dual Galaxy Anchor Black Holes (HH objects) and start to produce plasma.



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 15,

Birkeland Alfvén current circuits as the origin of Herbig Haro Jets between central White Hole location and both Black Hole (HH objects). According to Q-FFF Theory.

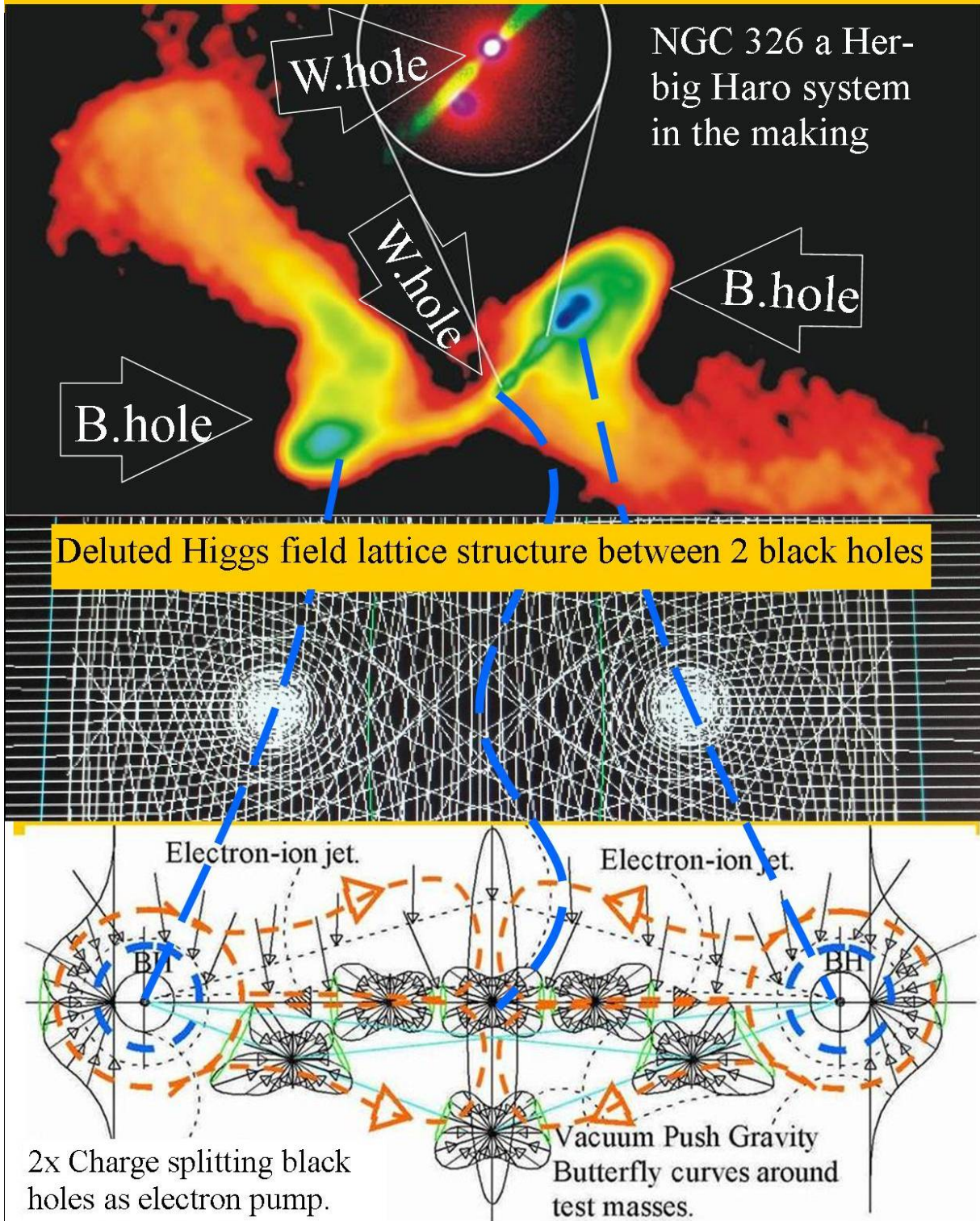


Figure 15,



A mysterious source of high energy cosmic rays are found north near the Big Dipper (university of Utah) In addition: the south pole IceCube experiment found concentrated neutrino sources at north and south locations (see upper figure, nrs.23+ 18) Both could represent the Stellar Anchor Black Hole (SABH) locations of the sun, according to Q-FFF theory.

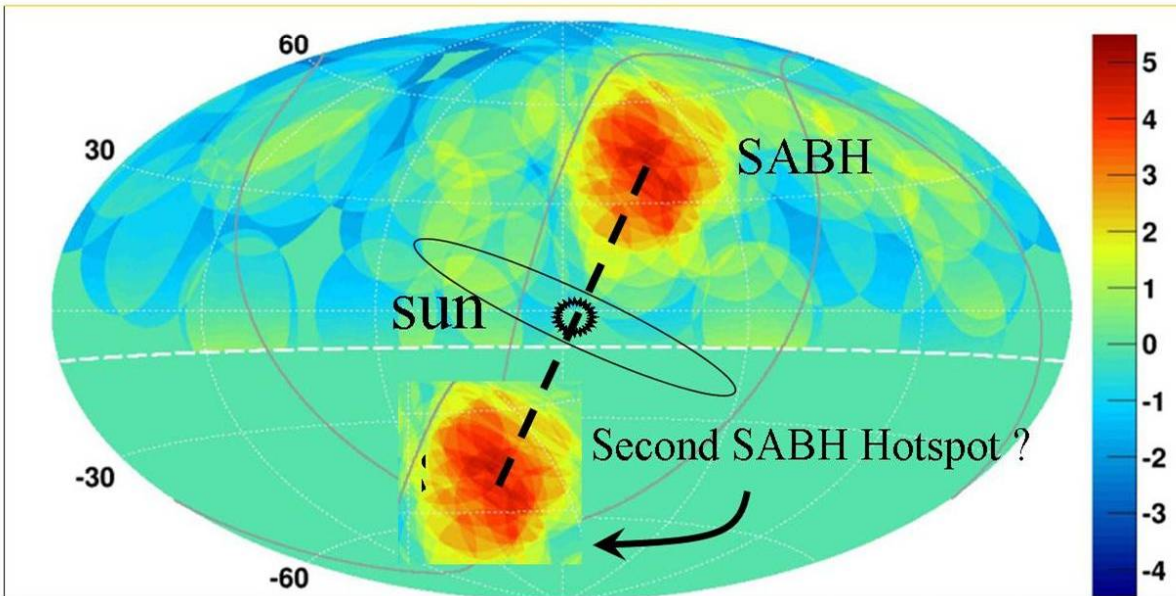
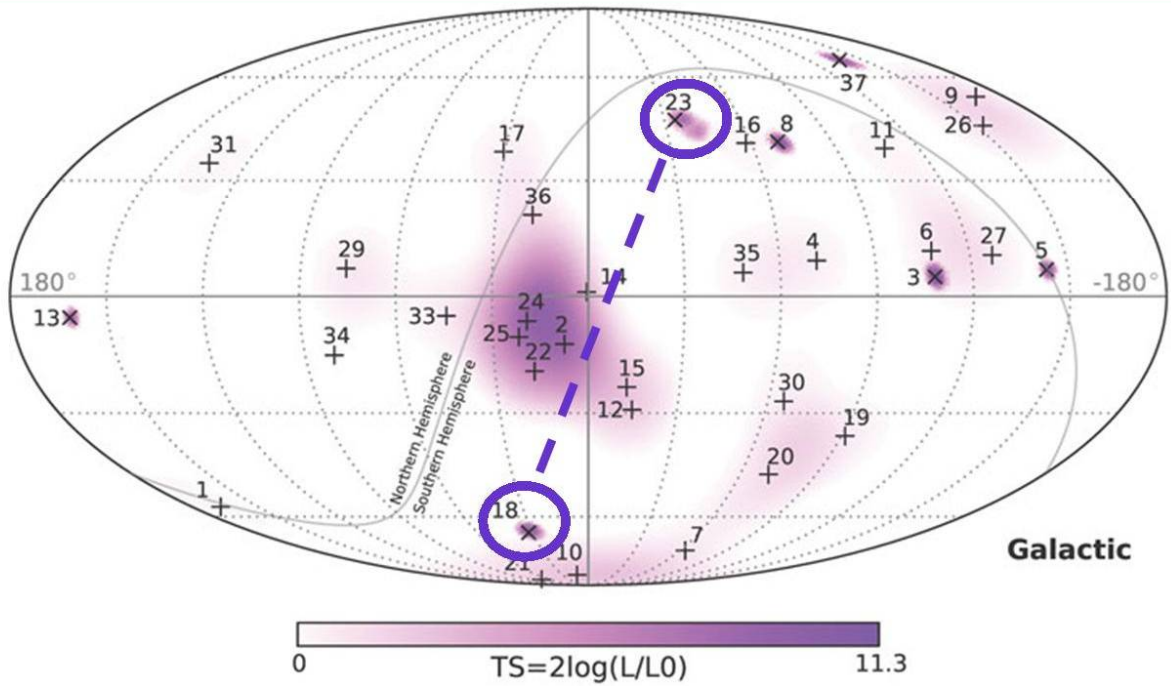
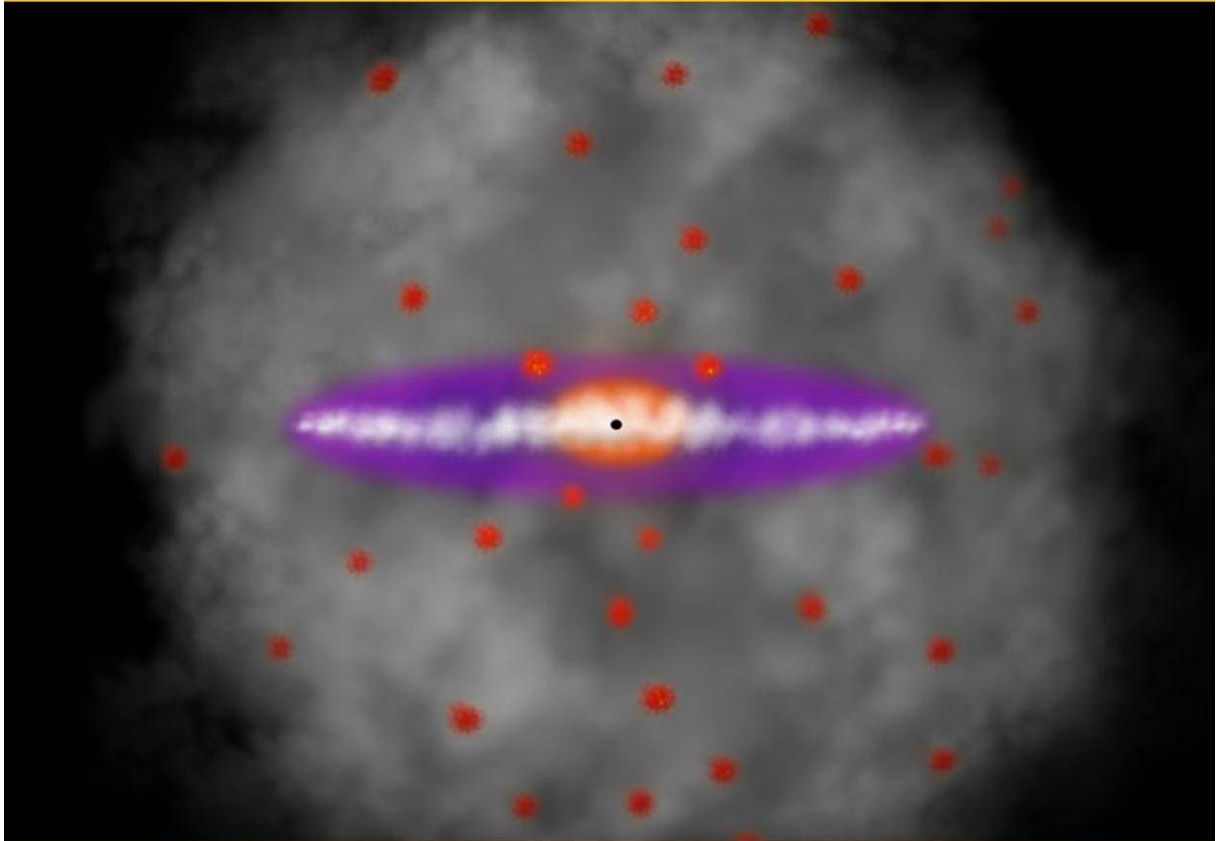


Figure 16,

Cepheid/Dwarf (Dark Matter point source-) distribution around the milky way, @ Vista/ Sukanya Chakrabarti Rochester Institute of Technology.



Below: Merging of spiral galaxies to form elliptical galaxies according to QuantumFFF Theory.

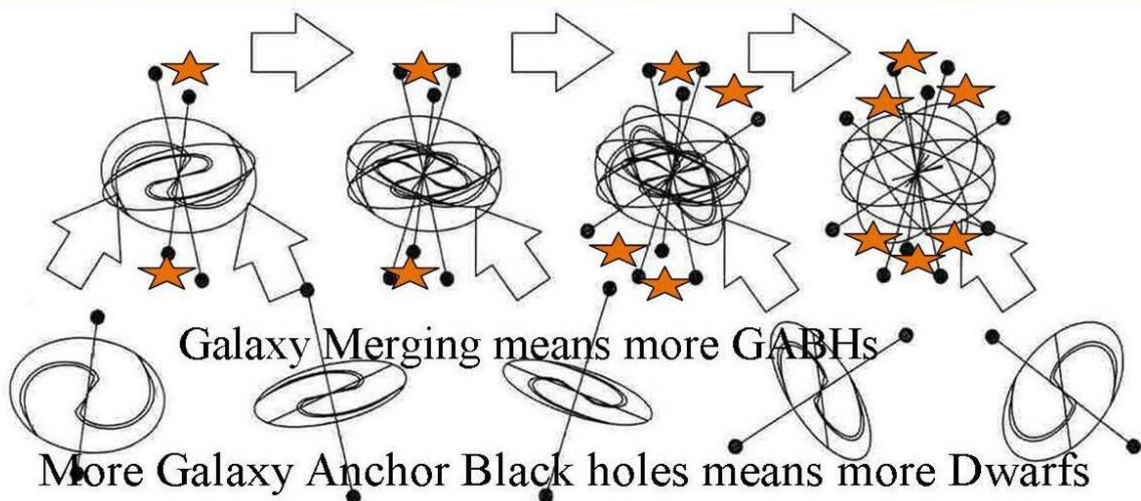
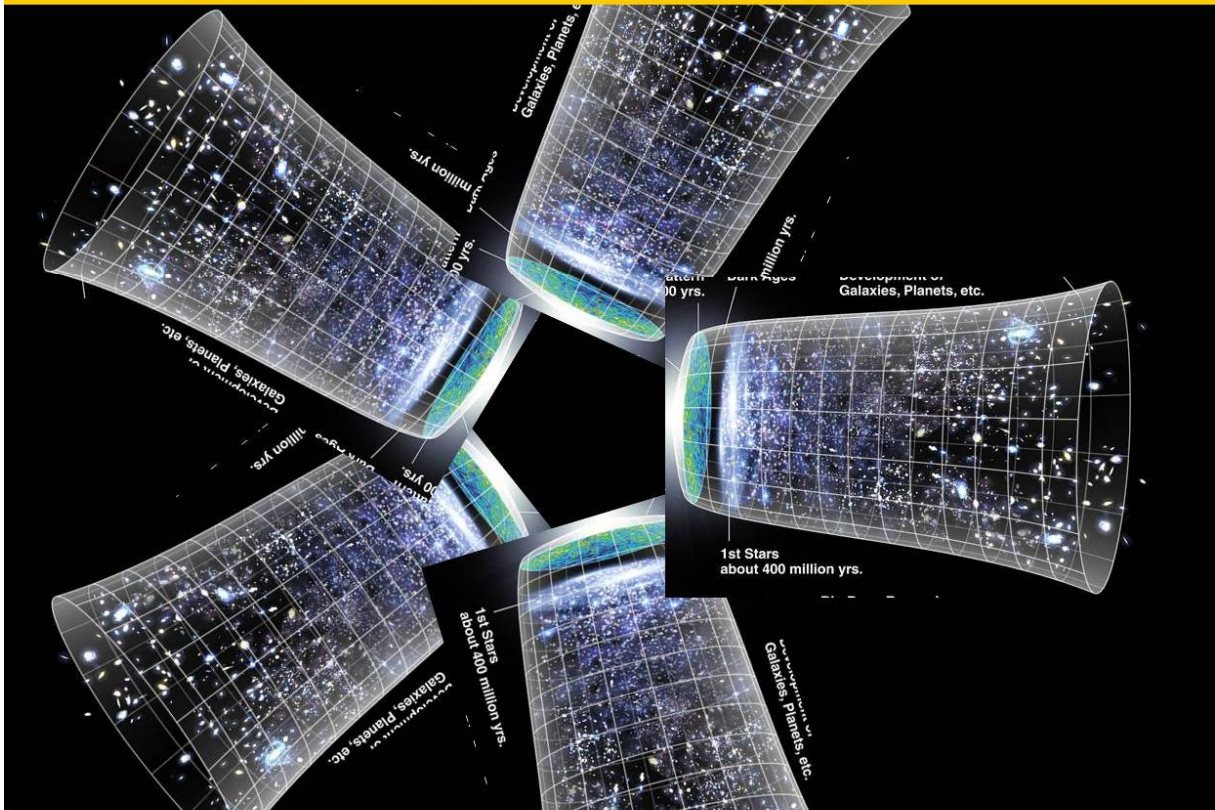


Figure 17,

# The Raspberry geometry of the 12 fold Dodecahedron Multiverse according to Quantum FFF Theory.



## Centre of the Raspberry Multiverse

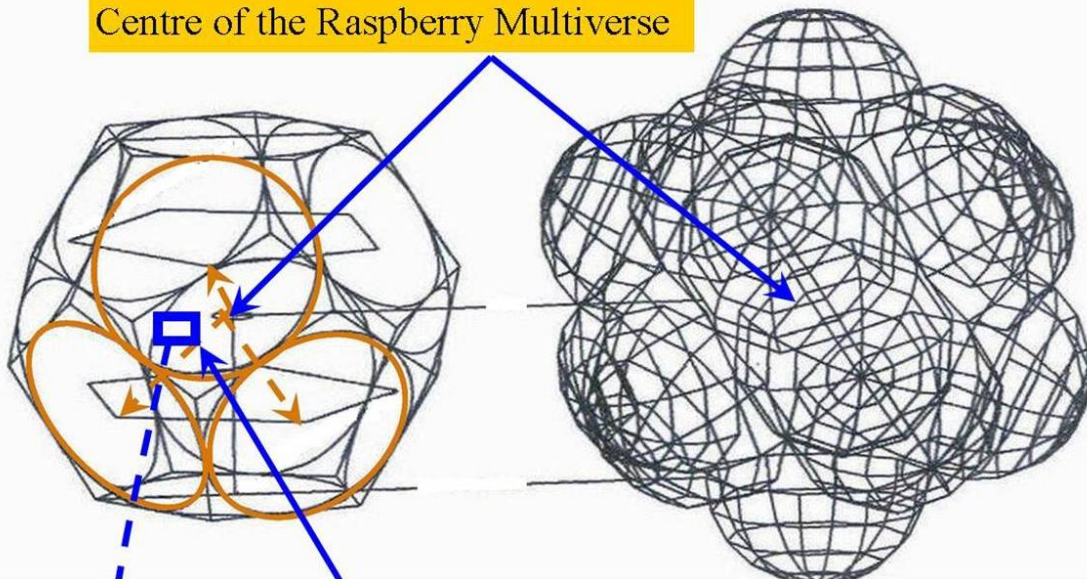


Figure 18,

**NOT GRAVITY** but only **CASIMIR PRESSURE** inside the interference black hole nucleus of the ball lightning, able to produce and repel dust and plasma.  
 According to Quantum FFF Theory.

**How a Ball Lightning Micro Black Hole is made?**

Micro Black Hole (MBH) and Macro Casimir Effect (CE) on two masses (M) inside the oscillating vacuum lattice (OVL), according to Quantum FFF theory and observed inside Silicon Ball Lightning granulate compactification.

Ball lightning pushed by Plasma tail against the wind  
 Vapour trail washed out by the wind

Ball lightning micro-black hole SPIN-FLIP  
 Fermion repulsion by SPIN-FLIP  
 Fermion production  
 Wind direction  
 Fermion repulsive horizon (10) with Butterfly-shaped Higgs impulse Hedgehogs (9).  
 (by Loh-Vayk)

**Ball Lightning and Micro Comets Based on New ZPE Black Hole Paradigm**

Micro Comets (micro black holes) also pushed by plasma tail against the wind

Figure 19,

Figure 19,

## References:

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[15] [viXra:1111.0061](#) submitted on 15 Nov 2011, (197 unique-IP downloads)

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Category: [Astrophysics](#)

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[13] [viXra:1108.0006](#) replaced on 2013-08-28 12:40:07, (76 unique-IP downloads)

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[12] [viXra:1104.0083](#) submitted on 28 Apr 2011, (128 unique-IP downloads)

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[5] [viXra:1103.0011](#) replaced on 2012-06-28 07:35:00, (173 unique-IP downloads)

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[4] [viXra:1103.0002](#) replaced on 2011-12-11 02:20:47, (570 unique-IP downloads)

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Authors: [Leo Vuyk](#)

Category: [High Energy Particle Physics](#)

[3] [viXra:1102.0056](#) replaced on 2013-04-11 05:54:47, (252 unique-IP downloads)

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