

Future Free Energy of New Physics Ball Lightning Black Holes, the origin of a Super Social Society or the Opposite?

**Leo Vuyk,
Architect,
the Netherlands.**

Abstract.

The exhaustion of earth's resources, the criminal financial system, consumerism, overpopulation, poverty, corporate and personal greed, have brought the earth in great danger. The only way out, seems to be a dramatic but radical change of all these subjects.

However what radical change, should save us and prevent chaos and a third world war?

My only guess is Free Zero Point Electric Energy (ZPEE) Vacuum Energy by New Physics, based on Birkeland/ Alfvén electric currents found around the earth and galaxies, adapted to local/ regional scales of use.

As a consequence all physics intelligence power and finance should be much more focussed on so called "Energetic Blind Spots" in physics and astronomy on local and universal scale.

Examples:

A: There is still no serious world wide coordinated research on Ball Lightning and Earth bound micro Comets going on!

B: Physicists are still guessing about the real origin of the magnetic power of Sunspots!

C: The energetic origin of Comets is a mystery, though the research on Comets is taken more serious in the last years.

Secondly we have to think about new political structures to be able to change the base of world scale ZPEE electricity based food production techniques, earning models and law, to create a democratic Sustainable SUPER SOCIAL SOCIETY.

Introduction.

"Energetic Blind Spots" in physics and astronomy on local and universal scale are subject of research by some theorists, however it seems to be not very supporting for a scientific career.

Only supported by free local/ regional electric vacuum energy, the world will be able to produce local food even in deserts, by influencing the weather/climate conditions by global air conditioning, and to build a world federation of stable local societies governed by computer aided management of production and consumption.

If we are able turn to the deserts by weather/climate change into fertile land, the world should be able to feed a multiple number of inhabitants under the sun, than we have now.

It is an ongoing debate between physicists what the origin could be of the well known polar Birkeland currents and so called electric Alfvén circuits measured around earth and around galaxies.

If we have found the origin of these electric circuits, we probably have also found the origin of several other energetic mysteries on earth and in space, as there are; Ball Lightning, Earth bound Micro Comets, Comets and Sunspots.

The so called Electric Universe Theory has uncovered lots of important cosmological facts around this issue.

However even this theory does not have a clear physical answer about the origin of these electric currents.

Could it be, that beyond the standard model there is room for an extra role of dark matter and black hole physics?

Professor Matt Strassler wrote about black holes: Why has the controversy gone on so long? It is because the mathematics required to study these problems is simply too hard — no one has figured out how to simplify it enough to understand precisely what happens when black holes form, radiate particles, and evaporate.

<http://profmattstrassler.com/2013/09/16/a-quantum-gravity-cosmology-conference/>

Recently it was even Stephan Hawking who changed his mind about the character of the “apparent horizon” of black holes .

“Hawking: Black Holes Do Exist—But it's Complicated” | TIME.com

<http://science.time.com/2014/01/27/black-holes-hawking/#ixzz2rmd6fJoT>

Sunspots, Comets and Ball Lightning.

Could sunspots, comets and ball lightning represent a new kind of Quantum Knots or Dark Matter Black Holes of different sizes, as the origin of those electric currents, or do we have to look for larger scale sunspot resembling objects?

The conventional sunspot solutions,

“How Are Magnetic Fields Related To Sunspots?”

http://sohowww.nascom.nasa.gov/explore/lessons/sunspots6_8.html

Wikipedia:

“They are caused by intense magnetic activity, which inhibits convection by an effect comparable to the **eddy current** brake, forming areas of reduced surface temperature. They usually appear as pairs, with each sunspot having the opposite magnetic pole to the other.”

<https://en.wikipedia.org/wiki/Sunspot>

Solar energy output is now understood to be a result of a dynamo mechanism within the sun, converting the energy of plasma flow beneath the surface of the sun to magnetic energy foci on the surface that are observed in the form of sunspots.

<http://www.hindustantimes.com/india-news/newdelhi/indian-solves-400-year-old-sunspot-mystery/article1-668735.aspx>

The electric universe theory by Wallace Thornhill and David Talbott.

It is suggested that sunspots produce enormous electric currents.

(Thunderbolts) “Electric Sunspots” by Wallace Thornhill and David Talbott.

“Conventional theorists look to magnetism to solve the problem of solar energy distribution. If they were to open their eyes to the electrical cause of magnetism, the solution would suddenly become visible.”

http://www.thunderbolts.info/tpod/2007/arch07/070222electric_sunspots.htm

and “Electric Sun” by Wallace Thornhill and David Talbott

http://www.bibliotecapleyades.net/electric_universe/electric_sun01.htm

and the “Electric Comet” by Wallace Thornhill and David Talbott

http://www.bibliotecapleyades.net/electric_universe/esp_electricuniverse17.htm

“a synopsis of the electric universe” by Wal Thornhill.

http://www.bibliotecapleyades.net/electric_universe/esp_electricuniverse16.htm

Toward a Real Cosmology in the 21st Century

Wallace W. Thornhill*

<http://www.benthamsience.com/open/toaj/articles/V004/SI0162TOAAJ/191TOAAJ.pdf>

Other sources of electric sunspot ideas:

and: “Sunspot physics” Frequently sunspots occur in pairs. The two spots have opposite magnetic polarities, like the north and south poles of a horseshoe magnet.”

<http://www.esrl.noaa.gov/gsd/outreach/education/sam1/Activity10.html>

other sources;

The Origin of Sunspots - A New Hypothesis, by Ackerman, J.

“Sunspots are caused by highly energetic solid bodies falling into the Sun”

Comets?

<http://adsabs.harvard.edu/abs/2003AGUFMSH42B0546A>

The puzzle: Why do sunspots last for weeks instead of flying apart? Like huge magnets, strong magnetic fields in sunspots naturally repel each other. What holds them together?

<http://soi.stanford.edu/press/ssu11-01/>

Sunspots are not the result of convection of gas modified by magnetism. Sunspots are electrical structures.

Nasa: “What Lies Beneath a Sunspot?”

“Planet-sized dark spots on the Sun have puzzled scientists for hundreds of years”

http://science1.nasa.gov/science-news/science-at-nasa/2001/ast07nov_1/

Dark Matter Black Hole Sunspots:

“The Self Organizing Universe in the Carina Nebula.”

My own contribution. <http://rxiv.org/pdf/1304.0022v1.pdf>

“Are Sunspots made of gravitating Dark Matter Black Holes? (My own contribution).

<http://vixra.org/pdf/1312.0076v1.pdf>

Universal Dark Matter Black Holes.

"Massless black hole pairs in string theory" By: R. Emparan 1996. Department of Physics University of California <http://arxiv.org/pdf/hep-th/9607102v3.pdf>

“Hubble Redshift Despite Universal Contraction is possible.”

http://fqxi.org/data/essay-contest-files/Vuyk_13747558.pdf_Hubble_Re.pdf

"The Bouncing CP symmetrical Multiverse, based on a massless but energetic oscillating (non SM Higgs) Vacuum Particle System."

http://fqxi.org/data/essay-contest-files/Vuyk_13121461.pdf [The bounce 1.pdf](#)

"The case for primordial black holes as dark matter" Author: M.R.S. Hawkins(20 Jun 2011)
<http://arxiv.org/abs/1106.3875>

Recent evidence for polar solar hotspots found by the IceCube experiment as telltale for Solar Anchor Black Holes (SABHs)?.

See: IceCube Neutrino Observatory

https://en.wikipedia.org/wiki/IceCube_Neutrino_Observatory#Results

"Strange cosmic ray hotspots stalk southern skies"

<http://www.newscientist.com/article/dn20436-strange-cosmic-ray-hotspots-stalk-southern-skies.html#.UuqH1j15OJp>

Could this be one of the telltales (the southern) of a Solar Anchor Black Holes?

The Impossible Zero Point Electric Black Hole:

Recent turmoil around the foundation of Black hole theory principles by Stephen Hawking and others, is a clear sign of great uncertainty about black holes and adjacent subjects.

As a consequence, it seems a good moment to come up with a Black Hole alternative already prepacked in my Quantum FFF Theory (Function Follows Form)

Quantum FFF (Function Follows Form) theory states, that the vacuum is seeded with fast opposite oscillating massless 3-Dimensional torus shaped Preons, responsible for pair production. Two Preons are able to change form into two entangled Fermion propeller strings by an overflow of energetic opposite collision. This energy overflow is supposed to be present at the black hole event horizon .

Thus the FORM of all particles is based on real joints and gears, responsible for the FUNCTION even for composite Quarks and Photons, however all particles are instant entangled and guided in a dual mirror multiversal way.

That dual oscillating Higgs particles are the same as Preons and are responsible for the Casimir Dark Energy of 126 GeV recently observed in the LHC at CERN.

That the oscillating Higgs vacuum system is the messenger medium of all Photon information and Black Holes are equipped with a nucleus of compacted Higgs particles, compressed by the oscillating Higgs vacuum.

The vacuum energy flow around such a Black hole indicates that different sized globular horizons are needed, an event or Photon horizon and two Fermion repulsion horizons, which can explain lots of astronomical unresolved phenomena.

Introduction.

In Quantum FFF theory it is assumed that there are four kinds of dark matter black holes,

1: The Big Bang – or Big Crunch Black Hole, the origin of the cyclic multiverse.

2: Primordial Big Bang splitting Black Holes as the product of the exploding Big Bang black hole, identified as a pairing and splitting process of Galaxy Anchor Black Holes (GABHs,),

3: Supernova Black Holes identified as and after a pairing and splitting process as Herbig Haro hotspots as the origin of Stellar Anchor Black Holes (SABHs,).

4: Electro Magnetic Interference Black Holes, described as the origin of so called Quantum Knots found in the lab, Ball Lightning, Earth bound Micro Comets, Solar related Comets and Sunspots.

All Black Holes are equipped with at least three horizons:

1: A 3 dimensional globular massless quantum black hole nucleus, surrounded by a globular event horizon. This is the globular shell where maximum opposing photon energy (also vacuum energy) is concentrated

A Fermion repulsion zone located in between two horizons:

2: A fermion attraction/repulsion horizon with entangled pair production (partly annihilated) creating plasma,

3: A fermion repulsion/attraction boundary (by fermion spin flip) with zero point electric plasma polarization of electrons pushed outside and protons pushed at the inside. This is supposed to be the base for all Birkeland/ Alfvén current circuits in space.

Quantum FFF theory.

Quantum FFF (Function Follows Form) theory states, that the vacuum is seeded with fast oscillating massless dual Higgs particles (the origin of dark energy) , oscillating along a complex chiral tetrahedral vacuum lattice, which has the ability to transfer Photon and Graviton FORM information in bunches of linear but chiral oscillations, through the chiral (helix shaped) vacuum lattice with the local speed of light.

The local speed of light is created around massive objects which seem to be able to “drag:” the Higgs vacuum oscillations into an anti-symmetrical action called “LASOF” or Local Anti Symmetrical Oscillating vacuum Frame.

There are no attraction forces in Q-FFF theory. Gravity seems to be the result of two different impulse vector arrays: the massless Higgs impulse array and the (less effective) massless Graviton impulse array, which is supposed to be based on the same massless Higgs particle transporting the “FORM information energy” of the Graviton.

As a consequence, new paradigm Dark Matter 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 (and compressed and attacked by) the energetic oscillating Higgs vacuum frame.

In Q-FFF theory it is postulated that only micro black hole nuclei below a certain size are able to evaporate back into the Higgs vacuum. Black hole types larger than ball lightning and small Comets are supposed to have a steady growth.

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 nuclei and the origin of the Casimir quantum 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.

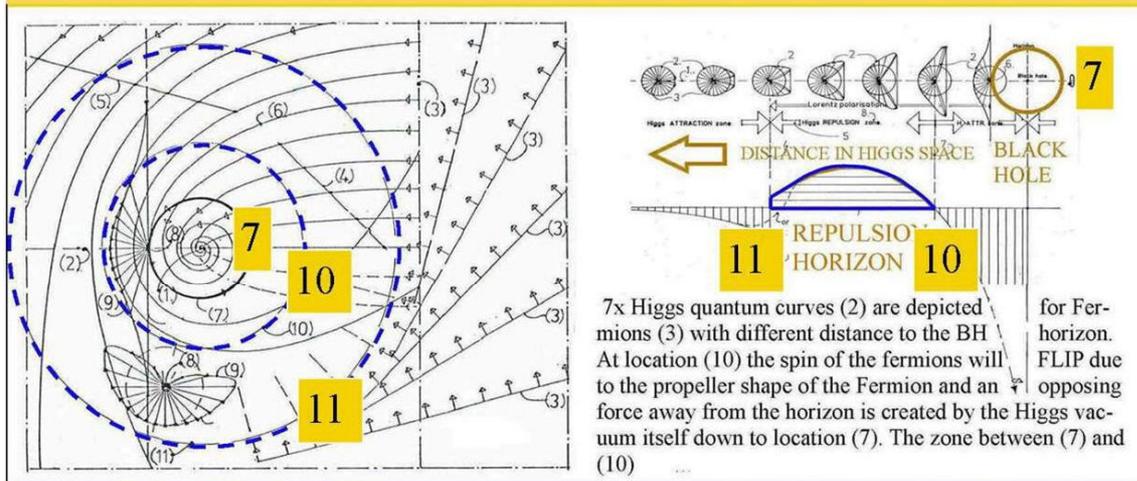
Only the statistical sum of the different kinds of vacuum impulses (in the form of butterfly shaped vector arrays, by real collisions from all directions on Fermions are responsible for all (energetic) phenomena in the universe.

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 and plasma creating globular zone between two horizons.

As a result, Black holes are Zero Point Energy driven electric generators with negative charge at the outside and positive charge at the inside, able to change the world and our economy..

The mysterious micro black hole ball lightning able to produce gas and repel Fermions.

For tripple B-H horizons in Quantum FFF theory see (nrs: 7: Event horizon, 10: Inner photon ring, (10+11 =Fermion repulsion zone) 11: Photon ring)



- 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.

What do we observe here? Are we able to analyze the truth and think out of the box ? Does Ball Lightning produce gas by itself at the micro black hole horizon?

This Ball Lightning photo is an important piece of the new physics of Quantum FFF theory. It shows a self produced vapor trail washed out by the opposing wind of the massless BL nucleus, which seem to be pushed against the wind. Just as observed in multiple single- and pairing Black Hole examples in nebula like the Carina.



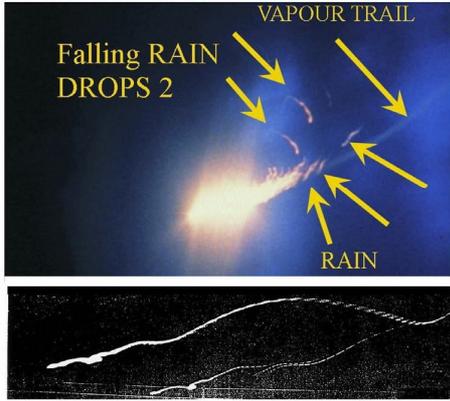
Other examples of BLs with plasma tails



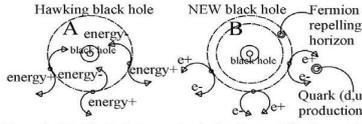
Figure: 2. Evidence for Plasma vapour and even free energy production by a micro black hole such as ball lightning or earth bound micro Comet.

At the same time it seems a support for the new Black Hole paradigm (see first photo). The BL is propelled against the main wind direction because it left a vapour trail behind and the vapour trail is “washed out” by the wind showing “feathers” of gas.

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.



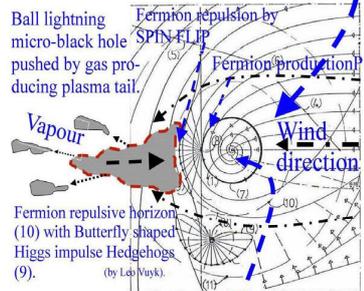
The NEW Black Hole Paradigm



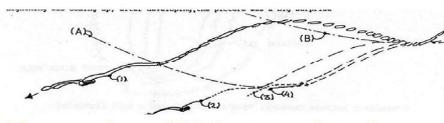
The standard Hawking Radiation postulate is: that all matter (NOT all energy) is drawn into the Black hole. My NEW postulate is that matter is even created (and pushed outside) at the Black hole horizon by QUANTUM FLUCTUATIONS producing Electrons and Positrons. The reason for this NEW Fermion production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



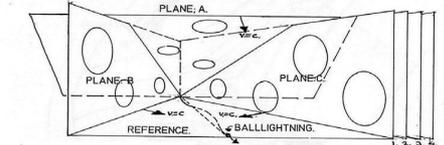
How is the vacuum able to release energy to overcome the opposing wind? By SPIN FLIP and the Plasma tail is always swept at the back of the BL by the wind itself!



Knotty Micro-Black hole nucleus



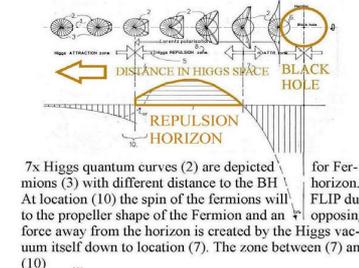
The creation of BL by x-ray interference



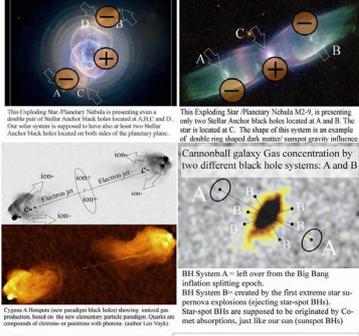
Author: Leo Vuyk 10-02-2011 NL

Figure 3. poster 1.

The Fermion repelling horizon



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



What is wrong with Physics at the astronomical scale?

Ball lightning pushed by Plasma tail against the wind

Vapour trail washed out by the wind

The raspberry multiverse.

The CPT symmetric raspberry universe seems to be the result of fractal shaped expansion of the center of a cyclic central big crash black hole, into egg shaped bubbles with individual Cosmic Microwave background (CMB) Charge Parity and Time.

3-D suggestion for the solution of the so called 'MISSING GALAXY SHELLOPS'... All the Galaxy clusters located behind the WMAP CMB boundary (inside our own universe) do not create some kind of SHADOW on the 2-D fabric of our background radiation.

2-D Section through the raspberry multiverse, which began with the middle. The void in the middle is supposed to be significantly the start of the Planck era... when the normal range of the CMB temperature will too high for a life generation to be possible.

Ellipsoidal plane of a future Hyperion's globular inner nucleus is a firm indicator of entropy decreases at the boundary between Higgs repulsion and attraction zones (4) around NEW (micro) black holes.

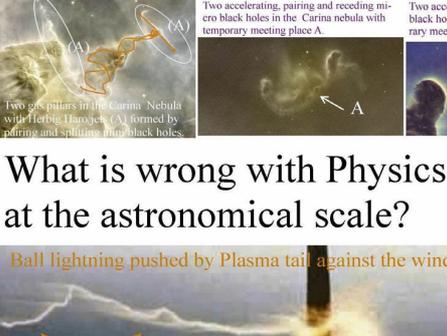
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The Nucleus of the NEW Black Hole.

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



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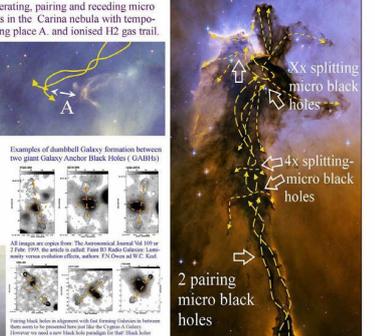
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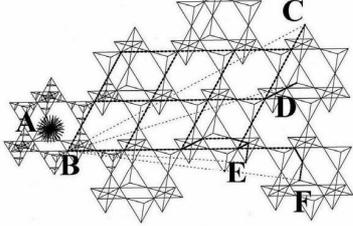
Author: Leo Vuyk 4-02-2011 NL

Figure 4. poster 2.

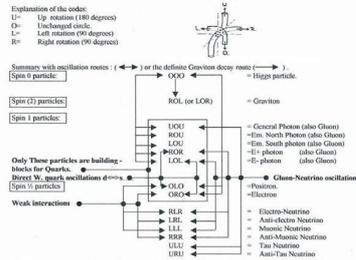
Leo Vuyk@Gmail.com http://bigbang-entanglement.blogspot.com/

What is wrong with Physics

Wave-Particle duality

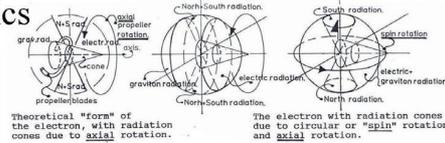


Photon trajectories through the tetrahedral Chiral vacuum lattice.
 A photon is created as a deformed Higgs particle at position (A), thus as a single (Photon/Gluon) particle which after some distance changes form back into a Higgs particle (B).
 The photon energy is transferred into the oscillating 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.

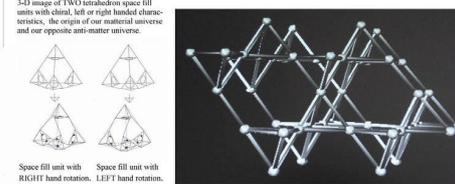
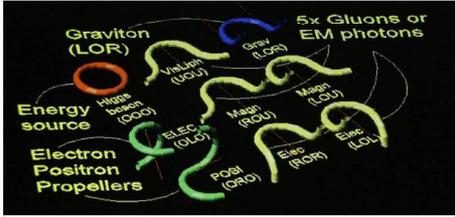


Author: Leo Vuyk 30-01-2011 NL

Figure 5. poster 3.



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.



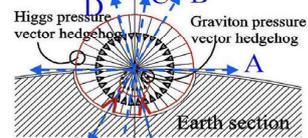
Leo Vuyk@Gmail.com <http://bigbang-entanglement.blogspot.com/>

At the Quantum level



Double LeSage Quantum Gravity.

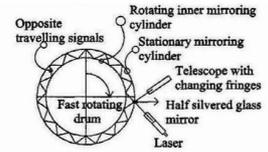
Higgs/Graviton pressure vector hedgehogs acting on a mass carrying Quantum particle. The irregular distribution of mass inside the earth is supposed to influence the 3D pressure vector hedgehog according to the new Double LeSage gravity paradigm, see image below. Author Leo Vuyk.



Locations inside the Earth, with extreme high mass concentration, (near Volcanoes) 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

LIGHTSPEED Extinction exp.

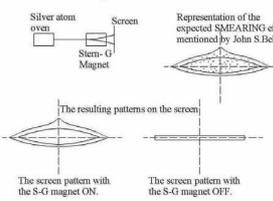


The Babcock and Bergman test done in 1964, resulted in a positive lightspeed drag factor of only 0,7%, which could be translated in a drag extinction effect over less than 1 cm distance after signal passage through the fast moving glass window. See: Journal of the Optical Society of America Vol. 54, nr 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.

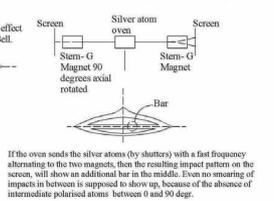
Support for Atomic ENTANGLEMENT in single and DOUBLE Stern Gerlach experiments

New Stern Gerlach experiment, based on the hypothesis, that the non-smearing paradox described by J.S.Bell, in his book "speakeable and unspeakeable 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.



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



Author: Leo Vuyk 30-01-2011 NL

Figure 6. poster 4.

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.

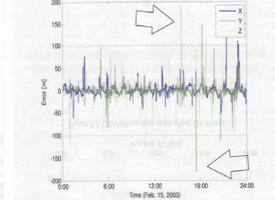
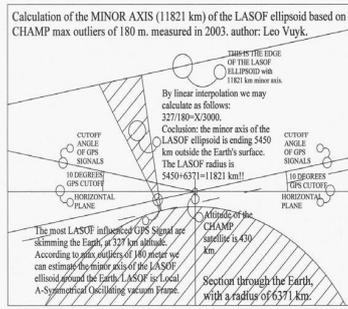
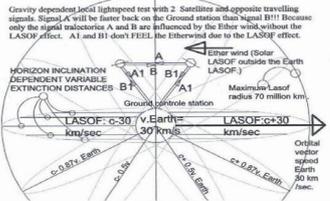


Figure 5.1 Comparison of the absolute kinematic with solution, w.r.t. RSO.



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

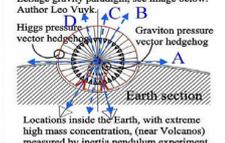
GRAVITY DIRECTION DEPENDENT LIGHT SPEED FRAME DRAGGING by LASOF (Local Anti-Symmetrical Oscillating vacuum Frame). SIGAR shaped LASOF Bubble structure of the Earth with proposals for a future two way TRIANGLE satellite signal interference experiment. date: 9-11-2006 (this is an enlargement of figure B1 dated: 14-01-2005) author : Leo Vuyk.



Leo Vuyk@Gmail.com <http://bigbang-entanglement.blogspot.com/>

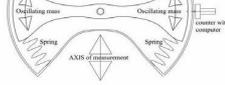
DOUBLE LeSage Gravity

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. Author Leo Vuyk.



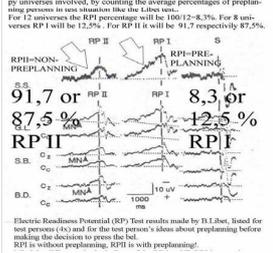
Locations inside the Earth, with extreme high mass concentration, (near Volcanoes) measured by inertia pendulum experiment.

Oscillation directions A,B,C,D, of the NEW Inertia Oscillator device, will give larger DAMPING differences as expected by Newtonian gravity rules



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

If humans are cooperating decision makers inside the postulated 8 or 12 entangled but separated universes, then for every decision we need one preplanning test-person who pre-plans his choice. The other 7 or 11 test-copypersons are only able to follow OR REJECT this decision.



Author: Leo Vuyk 30-01-2011 NL

References:

[1] Quantum FFF Theory is also published in the form of POSTERS at the Flickr site:
<https://www.flickr.com/photos/93308747@N05/?details=1>

[2] Numbered listing of Vixra essays by Leo Vuyk (see below).
http://vixra.org/author/leo_vuyk

Leo Vuyk is an architect who is interested in the dynamics and FORM aspects of particles as information and choice medium in physics. If the Universe is symmetric, then entangled anti-copy universes could act as choice information partner universe, starting from the Big Bang, an entangled Pinball Multiverse is born. Then it seems that God plays dice with at least two entangled pinball machines.