

The Presentation of
The Last Chapter of the
Symphony of Existence

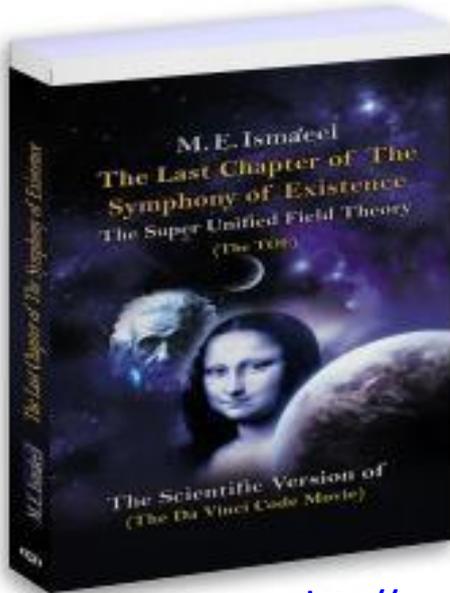
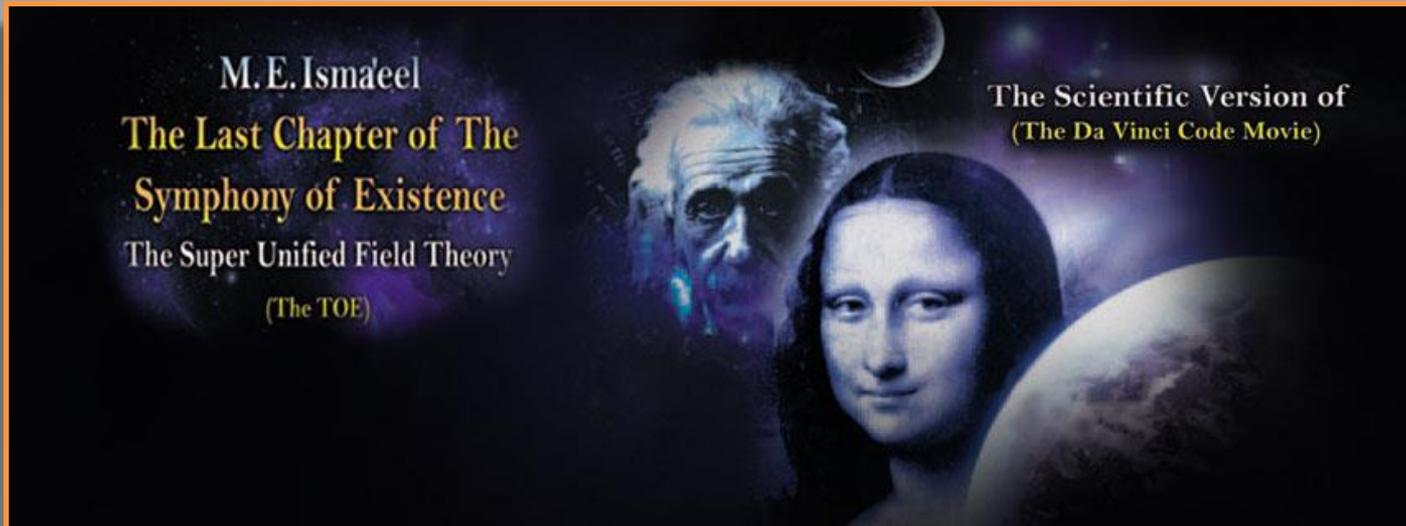
The Scientific Version of “The Da Vinci Code Movie”

“The Super Unified Field Theory”

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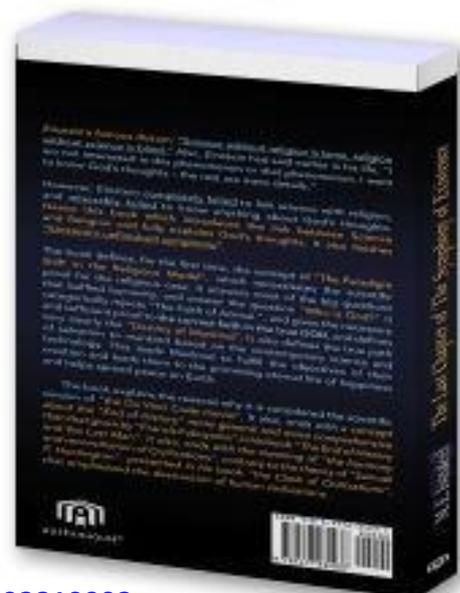
In Addition to the Latest Five Basic Papers of the Author

Prepared by
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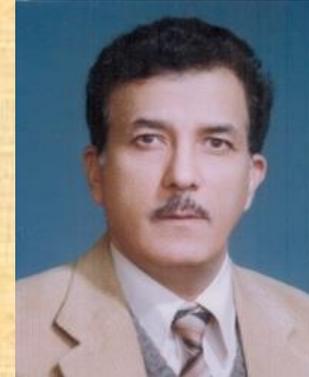


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Mohammad El-Hosainy Isma'eel

Brief CV



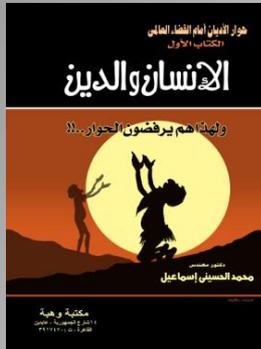
- PH. D. (Electrical Power & Machines), Faculty of Engineering, June 1983, Cairo University (Egypt).
- PH. D. (Electrical Engineering), Faculty of Engineering, Dec. 1987, Iowa State University, Ames, Iowa (USA).
- Consultant Engineer,
- He is the one who established; the EM theory of Linear Induction Motors, with its applications to Supersonic Speed Ground Transportation and the Space Launchers.
- He is one of the most specialized scholars in the critical studies of "Comparative Religions". He published eleven Books in the Middle East market in Arabic Language. In addition, he is the author of other four books under preparations and publications at the present time.

Formerly;

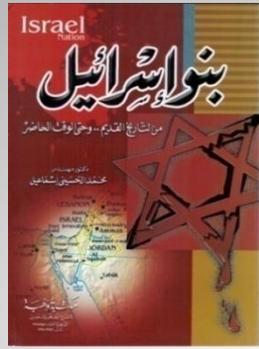
- Major General in the Egyptian Army.
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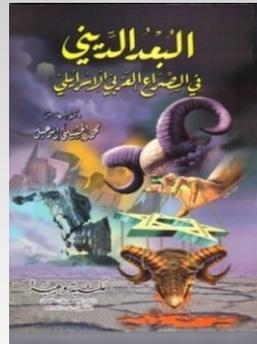
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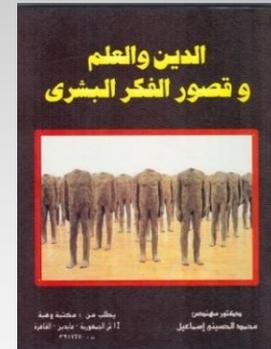
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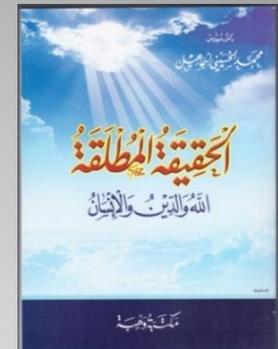
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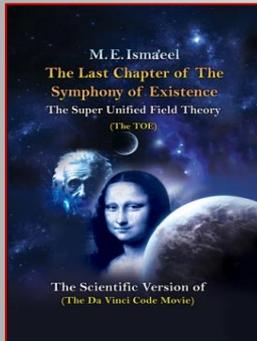
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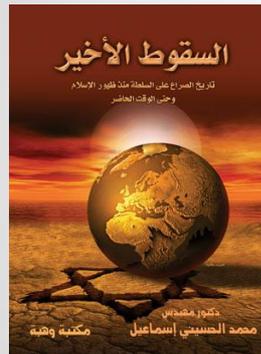
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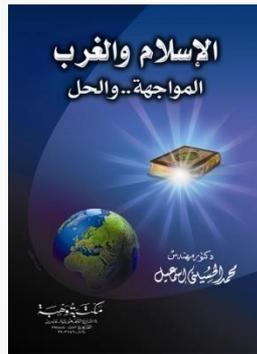
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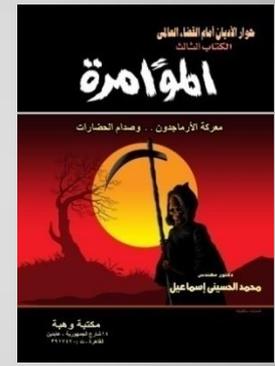
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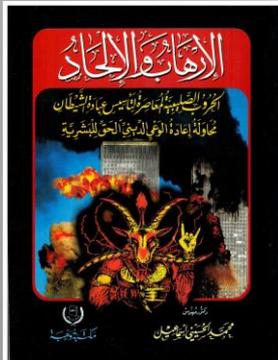
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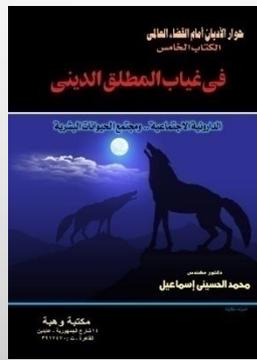
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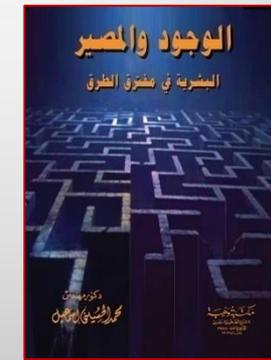
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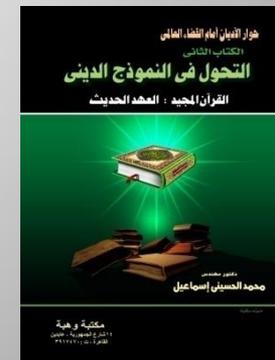
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In the Absence of the Religious Absolute / the Social Darwinism and the Society of Human Wolves. Under Revision



The Existence and the destiny / Mankind at a Crossroads. Under Revision



Paradigm Shift in the Religious Model / The Glorious Quran is the Modern Testament. Under Revision

The Contribution of the Book

The Theory of Everything. The Little TOE and the Big TOE (Including the observer effect)
Paradigm Shift in Human Thought
The Link between Physics and Religion

Part I

Cosmology and the General Relativity

The Vertical Dark Matter Flow and its Fluid Nature. The Density of the Dark Matter (DM).

Infinite experimental proofs. The continues change of interference patterns. The Gravitational Blue Shift.

New Metric in terms of the vertical Speed of the (DM) Flow

Part II

Quantum Physics High Energy Physics

The Phase Theory Unifies all the Forces of Nature at Room Temperature. The Theory of Everything

The Generalized Concept of The String Theory

Quarks/ The Origin of Mass / The Big Bang Equation / the heartbeat of the universe

Part III

Religion

Superstitious and Pagan Religions

Paradigm Shift in The Religious Model

The Scientific Religion
The Modern Testament

The trade in Religions and the Satanic Religion

[يَا أَيُّهَا النَّاسُ قَدْ جَاءَكُمْ بُرْهَانٌ مِّن رَّبِّكُمْ وَأَنْزَلْنَا إِلَيْكُمْ نُورًا مُّبِينًا (174)] (النساء {4} : 174)

[O mankind! Verily, there has come to you a convincing proof from your LORD, and We sent down to you a manifest light (this Quran)] (4:174)

Einstein's famous dictums

"Science without religion is lame, religion without science is blind."

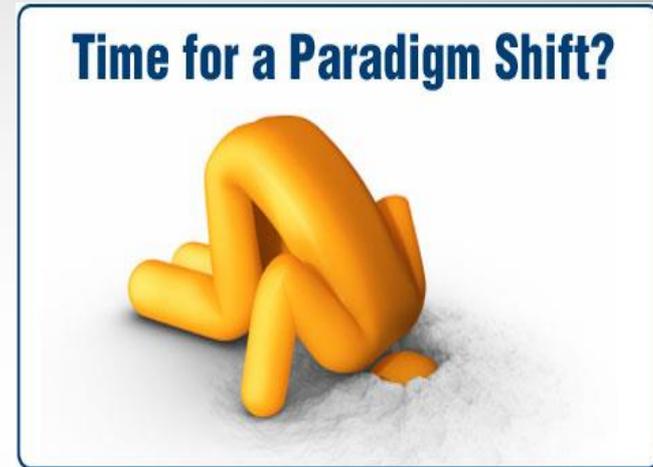
"I am not interested in this phenomenon or that phenomenon, I want to know God's thoughts – the rest are mere details".
However, Einstein completely failed to link science with religion, and miserably failed to know anything about God's thoughts.

This book introduces the following new concepts;

- 1.It finishes "Einstein's Unfinished Symphony".***
- 2.It introduces the link between Religion and Physics.***
- 3.It Merges Physics into the Scientific Religion (the Modern Testament).***
- 4. It presents, for the first time, **the Aether or Dark Matter flow theory.*****
- 5. It gives the Solution of the proposed model of the Super Unified Field Theory (the TOE), and gives its formal equation **through the Phase Theory, which is a new theory proposed by the Author.*****
- 6. It solves the riddle of the gravitational field and waves.***
- 7. **It solves the mysterious of the dark matter and the dark energy.*****
- 8.It proposes the experiments which confirm the theories presented in this book***
- 9.It gives **The Paradigm shift in both religious model and human thought, which leads to spread peace on Earth.*****
- 10.It gives **the solid proof of God's Existence, and hence the objective of our creation, and why are we here? which is the topic beyond the "TOE".*****
- 11.It defines very clearly the true path of salvation, which leads mankind to fulfill the objectives of their creation.***
- 12.It defines very clearly the true path for the eternal happiness.***
- 13.Also, the book introduces the "Modern Testament" (the Glorious Qur'an), which is the only true "Scientific Religion" by the broad sense of the word.***

Paradigm Shift in the Religious Model and the Human Thought

[O mankind! Verily, there has come to you a convincing proof from your LORD, and WE sent down to you a manifest light (this Quran)] (Qur'an: Chapter IV: 174)



The main objective of this book is to introduce; “the Paradigm Shift in the Human Thought”. It readjusts the human thought about Particle Physics, Cosmology, **(Scientific) Religion** and the Existence and the Destiny of Mankind.

"Paradigm Shift in Religion", which can be defined as:

The transfer of "the religious case or issue" from the illusion area (Man created GOD, Not GOD created man), and from the “animal belief/ George Santayana” area (i.e. the belief without proof) to the area of "Scientific Case or issue", where the solid mathematical, experimental and physical proofs are required for faith.

The Four Big Mistakes in Modern Physics

Be Patient with this Slide till You Finish this Presentation

At the Macrocosm Scale

Physicists separate the Space Fabric (or the grid) of Celestial Objects, from the Fundamental Building Blocks (elementary particles).

At the Microcosm Scale

Physicists treat every building block (elementary particle) of the universe as a Shell of an Egg, and they have to smash or destroy this shell – by head on collision – to see what is inside? **And consider this is the way to discover what we call “Force Carriers”, the origin of mass and the last sub .. Sub .. Sub-particle. Despite the fact that, force carrier can be interpreted in much easier way than currently known, as well as the origin of mass, and there is no an end for such sub .. Sub .. sub-particles.**

At the String Scale

Physicists believe that all elementary particles — electrons, photons, neutrinos, quarks, and the rest — owe their existence to **the differences in the vibrations of strings**, i.e. different frequencies correspond to different elementary particles.

At the religious Scale

The Curse of the Willful Ignorance and the Curse of Willful Blindness are the characteristics (or the attributes) of fanatical people! These curses prevent people from seeing the absolute truth.

The Corrections of the Four Big Mistakes in Modern Physics

The Origin of the Mass is the Aether (DM) Drag Force

At the Macrocosm Scale

The Space Fabric (or the grid) is Replaced by the Normal DM/Aether flow into the Celestial Objects as well as into the fundamental Building Blocks (the Elementary Particles).

At the Microcosm Scale

No need for the concept of the Force Carrier, and what we call the “Force Carrier” is the quantity of the constant flow of DM in (and out) of existence during the phase interval at the normal interaction and at the time of collision of the colliding particles. The Origin of mass is the Aether/DM Drag Force.

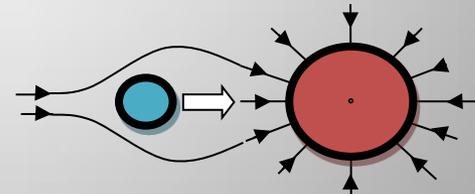
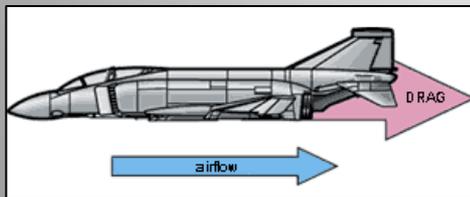
At the String Scale

All Fundamental building blocks (Elementary Particles) vibrate with the same frequency. (Stable) Particle Interactions can never take place at different frequencies. Different fundamental building blocks are defined by their different phase angles associated with same frequency.

At the religious Scale

The Islamic Religion is the Major Theory of Physics. Its Book is the “Qur’an” (**The Modern Testament**) contains uncountable number of postulates subjected to the “Verifiability Principle / Logical Positivism”.

The Big TOE <<< The Physical Theory of Modern Testament (The glorious Qur’an)



Different Types of Drag Forces

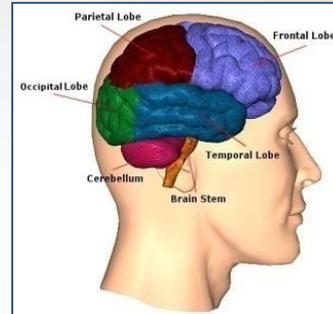
Aether/DM Drag Force between two Elementary particles vibrate with the same frequency but with different phase angles

The Place of GOD on the Brain (The Instincts of realizing the existence of the Almighty God and worshipping Him) / The role of Heart in the deep understanding.

We are programmed to realize GOD's existence and worshipping HIM

(Quran 7: 172-173) - (Quran 51 : 56)

The phenomenon of the Religious Belief is "hard-wired" into the brain



God on the Brain: The Neurobiology of Faith

<http://www.religion-online.org/showarticle.asp?title=503>

To confirm that the God is a part of the Brain, i.e. to confirm the Neurobiology of Faith, scientists discovered in the late of 1997 the "**God-spot**" in the brain. In a series of tests on, epileptic patients (**suffering from Epilepsy**) with heightened brain activity in **the temporal lobe** showed hypersensitivity to religious words and phrases, and Scientists announced that **the temporal lobe** is the source of religious experiences (in other words, the instinct of God's Existence).

Dr. Newberg research work shows that our brain has developed to keep us go on believing in religion and God. **Also, Dr Michael Persinger's experiments raise the prospect that we are programmed to believe in god, that is, faith is a mental ability of Mankind that have been developed or been given. And Temporal Lobe Epilepsy (TLE) could help unlock the mystery.**

Part I

Cosmology and The General Relativity

The second coming of the Aether with New Names

“Dark Matter”, “Higgs Field” OR best fit; “Higgs Matter” !!!

The New Phenomenon, the Vertical Flow of (DM) onto any Mass.

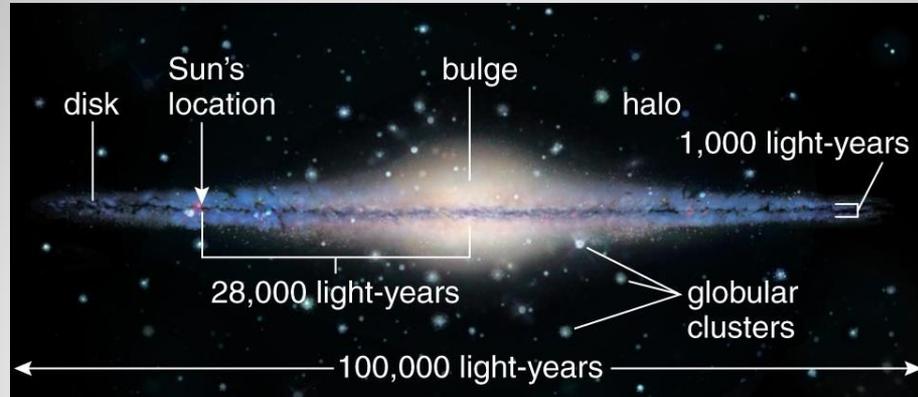
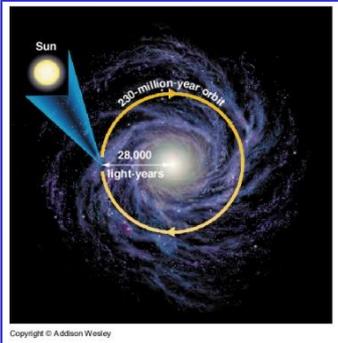
New Metric in terms of the vertical Speed of the (DM) Flow

If the dark matter does not exist, the whole universe will fall into eternal darkness

The Five Experimental Predictions

1. The existence of the interference pattern of the vertical rotating Michelson-Morley interferometer is the direct evidence of: (i) The Existence of the Dark Matter, (ii) DM has a Fluid Nature, (iii) DM Flows Vertically on any Object.
2. The oscillation of the interference pattern of the stationary vertical Michelson-Morley interferometer due to the daily Earth rotation.
3. New Cosmic Phenomenon, The Interference Pattern Varies according to the Location of the Interferometer at; Perihelion, Aphelion, Perigee and Apogee
4. The Gravitational Blue Shift confirms these phenomena.
5. Dark Matter Distribution in Galaxies, Density of the Dark Matter.

Our Galaxy: The Milky Way Galaxy

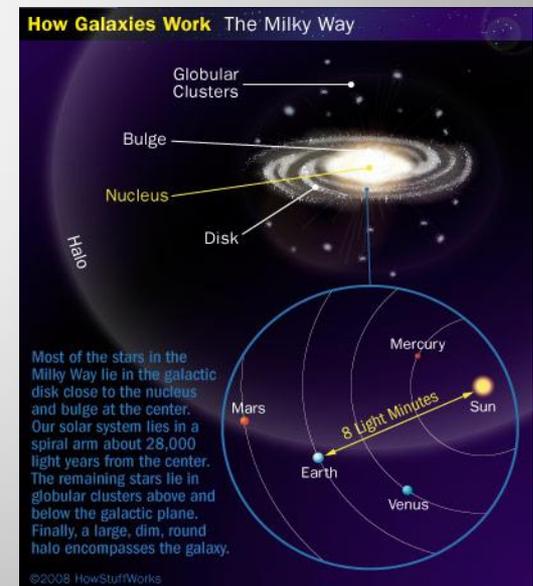


A globular cluster

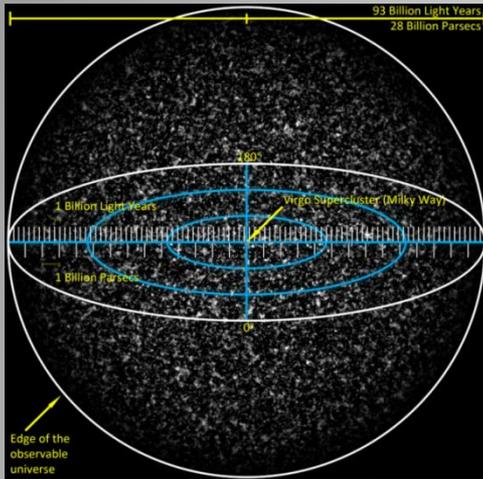
The Solar System is located in the Milky Way galaxy, which is a barred spiral galaxy with a diameter of about 100,000 light-years containing about 200 billion stars. **The Sun resides in one of the Milky Way's outer spiral arms, known as the Orion-Cygnus Arm or Local Spur. The Sun lies between 25,000 and 28,000 light years from the Galactic Centre, and its speed within the galaxy is about 220 kilometers per second, so that it completes one revolution every 225–250 million years.** This revolution is known as the Solar System's galactic year. Towards the centre of the Galaxy the stars are packed together much closer than they are where we live.

Data of the Solar System: Distance to Galactic Center: $27,000 \pm 1,000$ ly. Orbital speed: 220 km/s. Orbital period: 225-250 Myr **The Sun is 26,000–28,000 ly (8.0–8.6 kpc) from the Galactic Center.**

A globular cluster, which is found in the halo of a galaxy, is a spherical collection of [stars](#) that orbits a galactic core as a satellite. Globular clusters are very tightly bound by gravity, which gives them their spherical shapes and relatively high stellar densities toward their centers.



The Edge of the Observable Universe and the Age of the Universe



Hubble's law is often expressed by the equation $V = H_0 D$, where H_0 is the constant of proportionality (the **Hubble constant**), $H_0 = 67.80 \pm 0.77$ (km/s)/Mpc. D is the distance to a galaxy and V its velocity.

At the Edge of the universe, $D = \text{Radius} = 14,000$ Mpc. This yields galaxies velocities $\approx 3.2c$ Km/s ! Where c is the speed of light.

Cosmological parameters from 2013 Planck results

Parameter	Symbol	Planck Best fit	Planck 68% limits	Planck+lensing Best fit	Planck+lensing 68% limits	Planck+WP Best fit	Planck+WP+highL+BAO 68% limits
Age of the universe (Ga)	t_0	13.819	13.813±0.058	13.784	13.796±0.058	13.8242	13.798±0.037
Hubble's constant (km/Mpc s)	H_0	67.11	67.4±1.4	68.14	67.9±1.5	67.04	67.80±0.77

Visualization of the 93 billion light year – or 28 billion parsec – three- dimensional observable universe (1 Parsec = 3.26 ly) . The scale is such that the fine grains represent collections of large numbers of superclusters. The Virgo Supercluster – home of Milky Way – is marked at the center, but is too small to be seen in the image.

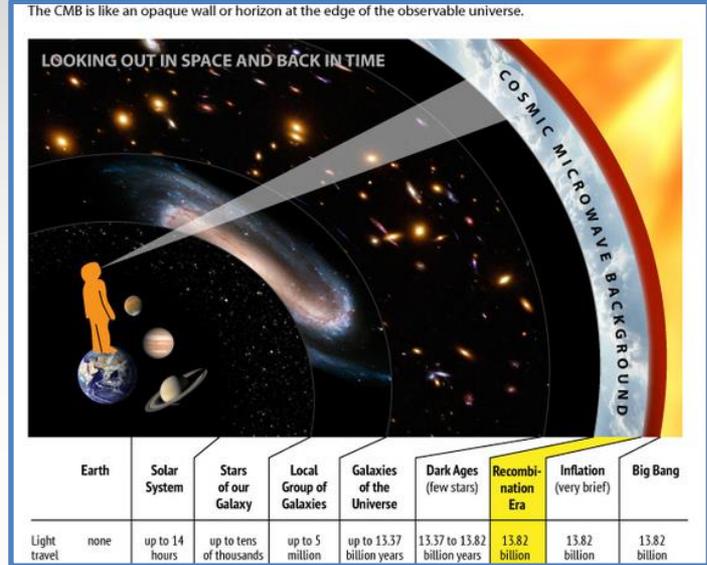
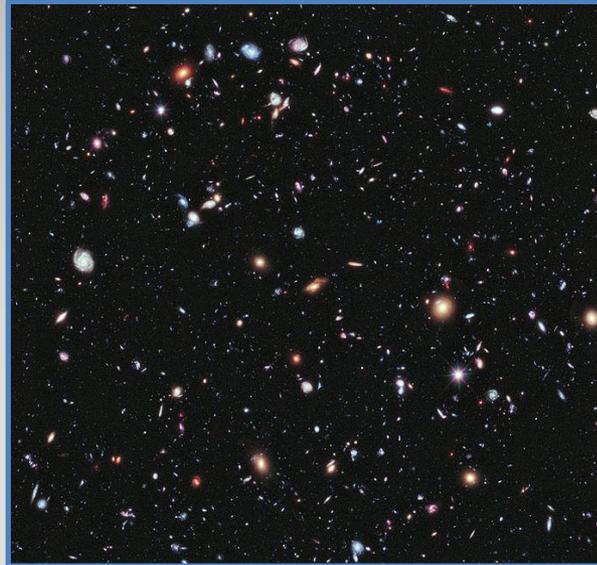
the entire universe is much bigger than the observable one as the confines of observable universe depends on the location. **This means that the event horizon has an unlimited moving boundary.** If the speeds of galaxies w.r.t. the Earth at the event horizon is c , then the distance of the event horizon of the observable universe, according to Hubble Law, is 1.365×10^{28} or 10^{28} as Hubble limit does not, in general, coincide with a cosmological event horizon.

Assuming **the universe is isotropic**, the distance to the edge of the observable universe is roughly the same in every direction. That is, the observable universe is a spherical volume **a (ball)** centered on the observer, regardless of the shape of the universe as a whole . **This means that every location in the universe has its own observable universe and its own event horizon**, thus the entire universe is much bigger than the observable one as the confines of observable universe depends on the location, e.g. Observers in the Andromeda galaxy and beyond have their own observable universes that are different from but overlap with ours. **Note that, the age of the universe is 13.7 billion years old, does not mean the distance to the edge of the observable universe is 13.7 billion light-years, but 93 billion light-years, as the year is a time scale while the light-year is a distant scale (see slide #16).**

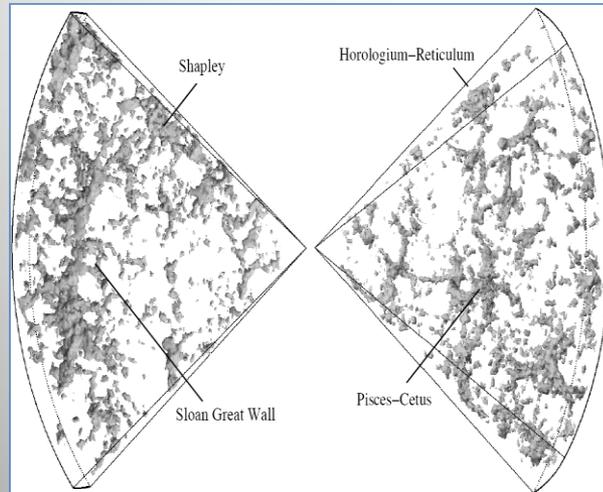
The inflationary epoch is the extremely rapid exponential expansion of the early universe by a factor of at least 10^{78} in volume, driven by a negative-pressure vacuum energy density. It comprises the first part of the electroweak epoch following the grand unification epoch. It lasted from 10^{-36} seconds after the Big Bang to sometime between 10^{-33} and 10^{-32} seconds. Following the inflationary period, the universe continued to expand, but at a slower rate.

The Farthest Visible Reaches of Space

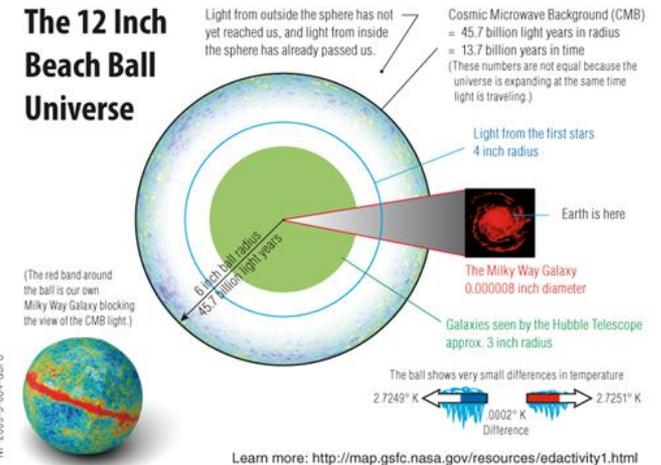
view - each light speck is a galaxy - some of these are as old as 13.2 billion years - the universe is estimated to contain 200 billion galaxies.



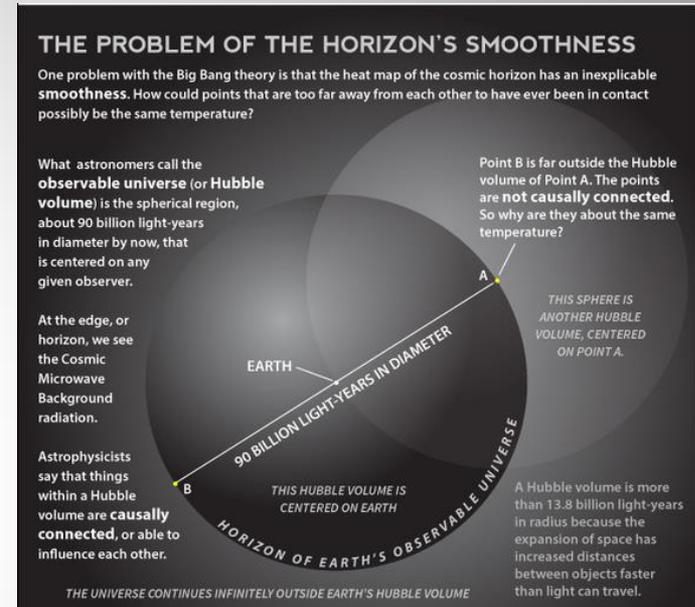
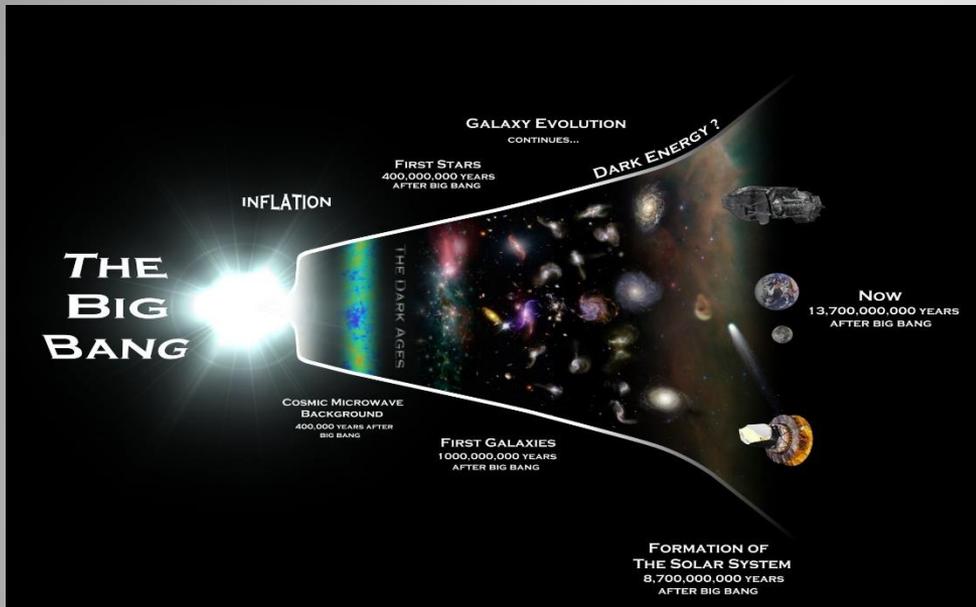
Several superclusters stand out, such as the Sloan Great Wall, The Sloan Great Wall (SGW) is a cosmic structure formed by a giant wall of galaxies (a galactic filament), and to the present day it is the largest known structure in the universe. The wall measures 1.38 billion light years in length, which is approximately 1/60 of the diameter of the observable universe, and is located approximately one billion light-years from Earth.



The 12 Inch Beach Ball Universe



The Universe – The Big Bang Theory



Prevailing model of the origin and expansion of spacetime and all that it contains. In the left diagram time increases from left to right, and one dimension of space is suppressed, so at any given time the universe is represented by a disk-shaped "slice" of the diagram.

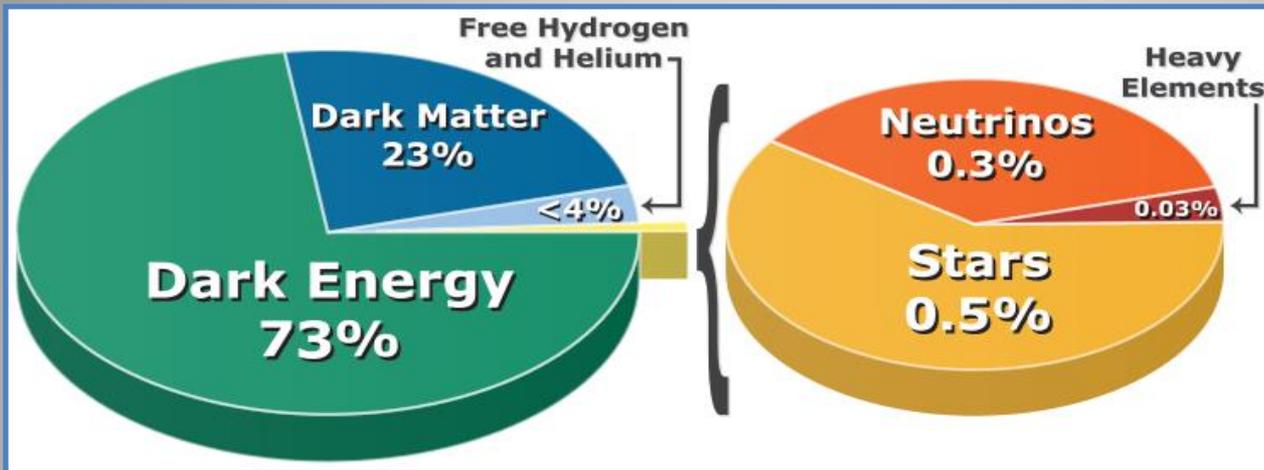
The equation generally used to show the age of the universe is roughly given by :

$$(\text{Distance of a particular galaxy}) / (\text{that galaxy's velocity}) = (\text{time})$$

As an example; for a galaxy away from ours by a distance: $4.6 \times 10^{26} \text{ cm} / 1 \times 10^9 \text{ cm/sec} = 4.6 \times 10^{17} \text{ sec}$

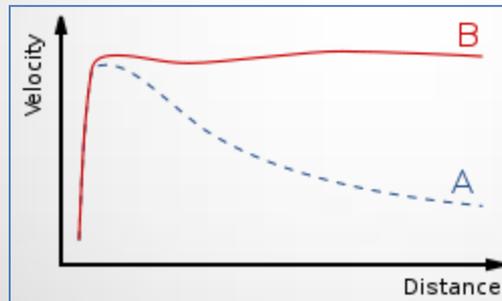
The value 4.6×10^{17} seconds, comes out to be approximately fifteen billion years. This calculation is almost exactly the same for every galaxy that can be studied.

The Universe: The Dark Energy, The Dark Matter and The Observable Matter



Through observations of distant supernovae, two research groups have independently discovered that the expansion of the universe appears to be getting faster with time. **This seems to require some kind of "antigravity" effect which we do not understand.** Cosmologists believe that the acceleration may be caused by some kind of new energy field that permeates the universe, perhaps even the **cosmological constant** that Einstein imagined almost a century ago. Whatever the source of this phenomenon turns out to be, cosmologists refer to it generically as **Dark Energy**. **Thus, Dark Energy is believed to be the one that causes the expansion of the universe by an increasing acceleration, and we can call it "God's Continuous Action", OR the Third Proof of "God's Existence".**

In brief, dark matter attracts, dark energy repels. While dark matter pulls matter inward, dark energy pushes it outward. Also, while dark energy shows itself only on the largest cosmic scale, dark matter exerts its influence on individual galaxies as well as the universe at large.



Rotation curve of a typical spiral galaxy: theoretical (A) and observed (B). The discrepancy between the curves can be accounted for by adding a dark matter component to the galaxy.

The second coming of Aether with a new name "Dark Matter", see slide number 30.

Dark Matter & Dark Energy

Dark Matter is matter that emits or reflects minimal to no light, but does have a gravitational influence. Evidence for dark matter appears to be present in

- the motion of stars in galaxies.
- the orbits of galaxies in galaxy clusters.
- the temperature of intracluster gas in galaxy clusters.
- the gravitational lensing of distant galaxies.

Some possible types of dark matter include:

- Massive compact halo objects (MACHOS) – These are large objects, like brown dwarfs and Jupiter-sized planets, that exist in the halos of galaxies.
- Weakly interacting massive particles (WIMPS) – These are subatomic particles that have extremely small masses, but exist in great quantities. Neutrinos are an example of a such a particle.

Dark Energy is the term used for a possible unseen influence that may be causing the universal expansion to accelerate. Recent observations of supernovae have produced a value for an acceleration that implies a universe that is about 70% dark energy.

The theory of Aether existence is the candidate to solve the mystery of the dark energy and dark matter.

Essential Facts Or Postulates

Derived from “The Modern Testament” (The Glorious “Qur'an”)

All these Postulates are subjected to the Verifiability Principle (Much more is unknown than is known!)

Postulate No. 1: Our universe has no boundaries or edges. It is opened at *the macro* scale, which means that the universe has an unlimited moving boundary. Also it is opened at *the micro* scale, which means that elementary particles have **no lower limit on the down scale, i.e. there is no an end for the sub-elementary particles**. Hence CERN represents an intermediate experimental stage that cannot go beyond its own.

Postulate No. 2: There are **seven infinite coincident (or overlapped) universes** by the literal meaning of the word. Each universe is called: a "Heaven". Our Universe is the First or The Lowest Heaven. **Each Universe (or Heaven) has its own Physical Laws, which are quite different and independent of the laws of any other universe. These universes are extremely tiny part of the Throne of the Almighty GOD (Allah).** (Qur'an 2: 254; 41:12)

Postulate No. 3: The physical laws of any other universe cannot be directly detected, by any means or by any experiment what so ever, from our universe. However, we are still able to prove their existence by indirect methods. (Qur'an 15:14)

Fact/ Postulate No. 4: Our universe is expanding by an increasing acceleration (The Dark Energy, God's continuous Action). [Qur'an, 51: 47]

Postulate No. 5: There is a medium which pervades (or permeates) our universe (The Dark matter /The Aether /The Higgs Field !) in which all objects of the universe are **swimming in, i.e. dark matter has a liquid nature**. [Qur'an 21: 33 ; 36 : 40]

Postulate No. 6: Each elementary particle in the physical world; is a **pulsating** infinitesimal black hole; occupies the common boundaries between two or more coincident universes. **This postulate generalizes the concept of “The Super String Theory”.** A Question: **Is each elementary particle, or any fundamental building block, a living being?**

Fact/ Postulate No. 7: The Almighty God (Allah) creates man in the form of three overlapped entities: The body (From the Earthly Elements. Dust back to dust) , The self (The true personality of Man) and **The soul (or the spirit, that gives us “the Consciousness and the Perception”, and its nature is beyond the knowledge of Mankind)**. At death the self and the soul or the spirit (together) will pass away, without non-return to our universe, to the other universes. The man's rank in the other universes will depend mainly on his knowledge and associate none as a partner in the worship of GOD (Allah), and his righteous work in this life.

Fact/ Postulate No. 8: Science and Scientists have a special high status in the Islamic Religion. The Source of Knowledge of humankind is Allah (The Almighty GOD) the Creator. The educational process of humankind continues throughout the days and ages through inspiration to people and through revelation to the Prophets and Messengers (Apostles). Scientists are the people who well known Allah (Ch. 3 – 18). The science and its derivatives come in the Noble (Qur'an) in more than (582) sites, including: (Ch. 2 – 282), (Ch. 55 – V.4), (Ch. 96 – V. 5), ...etc.

Is any elementary particle, or any fundamental building block, a living being?

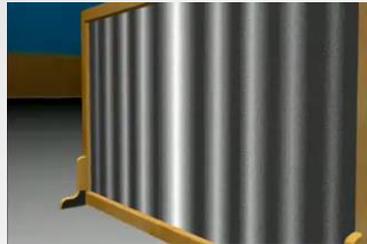
The little TOE and The big TOE (including the observer effect)

The Double Slit Experiment, Observer collapses the waves simply by Observing

A lab experiment proves the existence of the Creator, the Almighty God (Allah), and the truthfulness of the Islamic Religion.



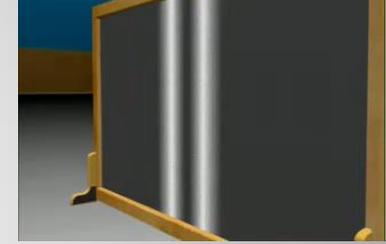
Prof. Tom Campbell fails to Explain the Double Slit Experiment



The Unwatched interference pattern of an electron beam



When Electrons realize that there is an Observer is watching them;



Then, the watched interference pattern of the electron beam will be as shown

The site of Prof. Tom Campbell :

<http://www.ask.com/videos/watch-video/tom-campbell-virtual-reality-why-it-a-better-model-than-string-theory-and-holographic-universe/4Qqj5zla7KrKXHKxa4x6cw>

In fact, this experiment undoubtedly proves the existence of the creator, the Almighty God (Allah) and the truthfulness of the Islamic religion. The proof comes, on the basis that man is the highest and most honorable creature of the Almighty God (Allah). the full explanation of this experiment comes into chapter one and into chapter ninety of the author's book "**Paradigm Shift in the Religious Concept**" in Arabic, where the Author seeks any organization to translate this book.

In any case, the author strongly recommends the necessity and the importance of incorporating this laboratory experiment into the high school educational programs. To show the importance of the proof of the existence of the creator, the Almighty God (Allah) on one hand, and to allow the new generations to grow up far from atheism, on the other hand. Moreover, this proof let the students know that there is a goal for creating humankind, which necessitates worshipping the Almighty God (Allah) on the real foundations.

Why the orbital motion of Earth around the Sun is the only type of Motion Considered in Michelson-Morley Experiment? This seems very weird approach !

Hierarchy of the Earth Motion in the Continuum Aether/ DM

According to the Special Theory of Relativity, Aether has been discarded since 1905. This elimination is made according to the concept of length contraction, **which is based ONLY on the speed of Earth around the Sun. Thus neglecting all other tremendous speeds of Earth in the Universe!**

Length Contraction in the direction of motion, according to the Special Theory of relativity is given by

$$L = \frac{L_0}{\gamma(v)} = L_0 \sqrt{1 - v^2/c^2}$$

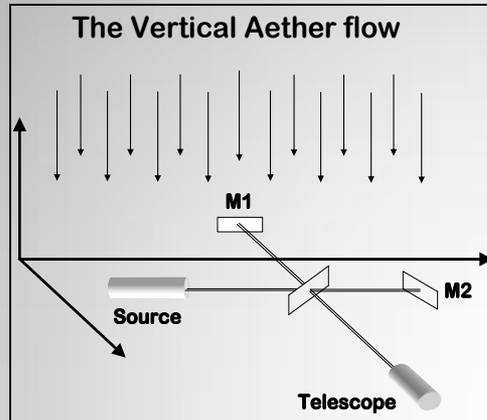
Length contraction was postulated by [George Francis FitzGerald \(1889\)](#) and [Hendrik Antoon Lorentz \(1892\)](#) to explain the negative outcome of the Michelson-Morley experiment and to rescue the hypothesis of the stationary aether (Lorentz-FitzGerald contraction hypothesis)

#	Types of Motion	Speed
1	The peripheral velocity of the Earth surface due to its spinning about its axis (the Daily Rotation)	0.5 Km/sec. (at the Equator)
2	The Orbital velocity of the Earth around the Sun	30 Km/sec.
3	The velocity of the Sun, and hence the Earth, with respect to the local field of stars in the direction of an imaginary point in the constellation Hercules, near the bright star Vega.	19.7 Km/sec.
4	The velocity of the Solar System, and hence the Earth, around the bulge of our Milky Way Galaxy	217 - 250 Km/sec.
5	The velocity of our Milky Way Galaxy as a member in the moving Local Group of galaxies in the direction of the constellation Hydra. These measurements, confirmed by the Cosmic Background Explorer satellite in 1989 and 1990.	600 Km/sec.
6	The velocity of the Local Group as a member of the Local Super cluster (Virgo Super Cluster), in the direction of the Norma cluster (Abell 3627)	600 Km/sec.
7	Our Milky Way galaxy being pulled towards a much more massive cluster of galaxies near the Shapley Super-Cluster which lies beyond the Great Attractor (A localized concentration of mass equivalent to tens of thousands of Milky Way's).	700 Km/sec.
8	According to Hubble's Law, the Average velocity of our Milky Way Galaxy in the Accelerating Expanding Universe	150,000 Km/sec.

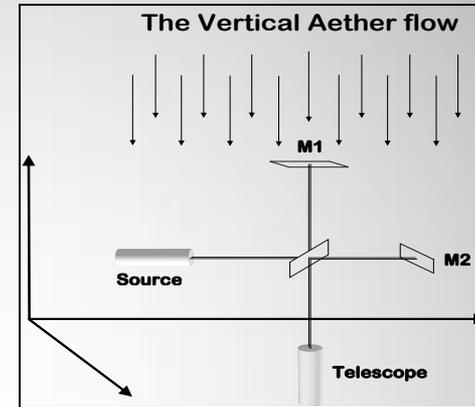
It is clear from this table that, we cannot say that the Earth motion around the sun is the only type of real motion of Earth, while other types of motions, such as the motion of Earth around the center of our "Milky Way Galaxy" is merely a metric expansion of space (which is a sort of space inflation, as in the raisin bread model of the expanding Universe), and is not a real intrinsic motion. Of course, this discrimination between the same types of motions (in the same medium) seems to be very odd, which leads us to say; "the metric expanding models of the universe are forced interpretations of the observational results" as Edwin Hubble himself said [E. Hubble, *Ap. J.*, 84, 517, 1036].

Michelson-Morley Experiment, The most famous successful experiment!

The Experiment Proves that Aether (or Dark Matter) is Flowing Vertically on the Interferometer



The figure Shows the typical horizontal plane of Michelson-Morley Interferometer, which is normal to the Aether flow. No interference pattern is observed

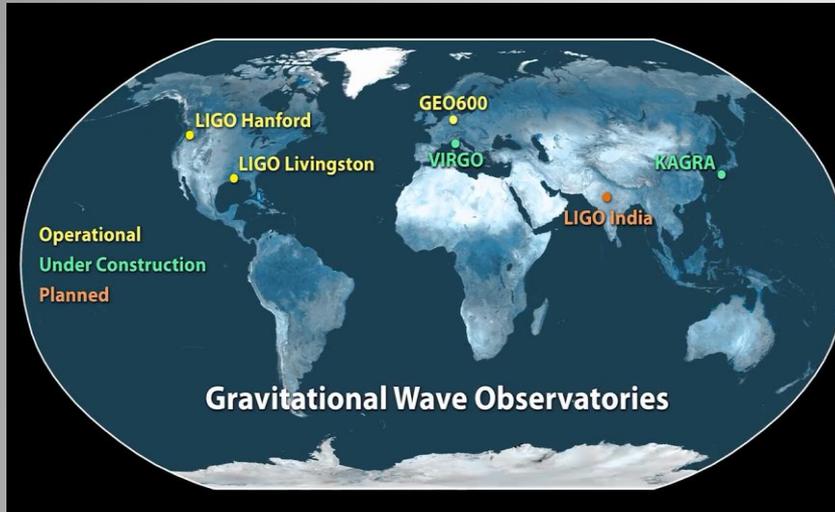


The figure Shows the new vertical plane of Michelson-Morley Interferometer, where the interference pattern can be observed

This phenomenon indicates that, not only Aether flows normally on the Earth surface, but also it flows normally to the surfaces of planets, stars, black holes and any stellar object in Nature, as well as any elementary particle in Nature.

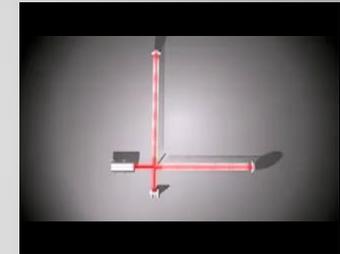
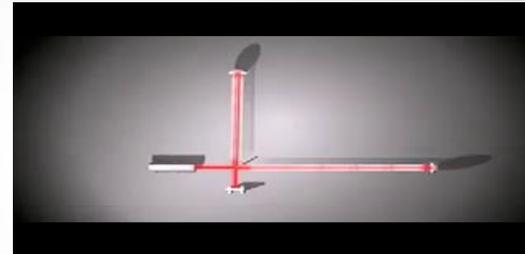
Thus in order to prove that the Aether exists, Michelson-Morley interferometer should be put in a vertical plane not in the common horizontal plane as shown in the figures. In fact, the theory of normal flow of Aether means that, for the last century, the relativity theories have been based on a misleading Experiment.

The LIGO, The Detection of the Gravitational Waves The Laser Interferometer Gravitational-Wave Observatory. A new proposal



LIGO operates two gravitational wave observatories in unison: **the LIGO Livingston Observatory in Livingston, Louisiana**, and **the LIGO Hanford Observatory, on the Hanford Nuclear Reservation located near Richland, Washington**. These sites are separated by 3,002 kilometers (1,865 miles). Since gravitational waves are expected to travel at the speed of light, this distance corresponds to a difference in gravitational wave arrival times of up to ten milliseconds. **Through the use of triangulation, the difference in arrival times can determine the source of the wave in the sky.**

<http://www.youtube.com/watch?v=RzZgFKolfQI>

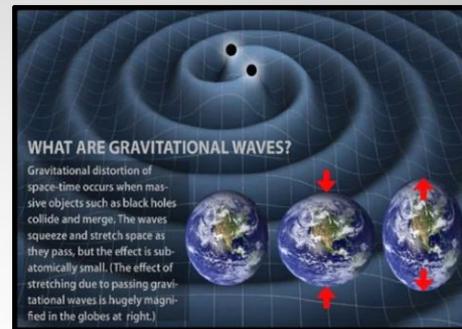
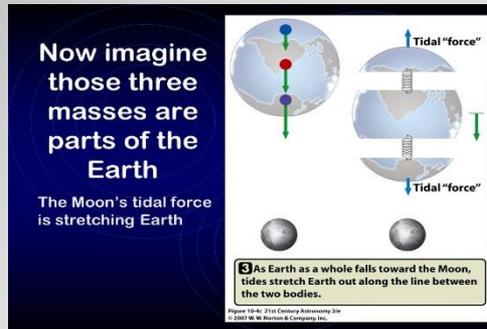


According to the prevailing thinking, Gravity Wave distorts the lengths of the interferometer arms. It stretches one arm in one direction and compresses the other, and this phenomenon is repeated periodical with a certain (unknown) frequency.

If the LIGO builds a vertical (stationary) interferometer, with any scale, the only thing they will watch and record, is the cyclic oscillation of the interference pattern every day due to the Daily Earth Rotation. This oscillation could be due to the two types of tides, the Moon Tide and the Sun Tide. This pattern will stop oscillation at a position approximately at right angle to the orbital plane of the Moon. **However, their separations, as well as the whole problem needs further investigations, see slides # 30 - 34.**

The LIGO; the 4-Kilometer Arms of Michelson-Morley Interferometer

The Blind Alley, Wave or Money Catchers



It is known that Gravity Waves are Tidal Waves which creates the Tidal Force. And the Tidal Force of the Moon (neglecting that of the Sun, which is less than half that of the Moon) that acts on the Earth is not limited to the water level of the oceans, but its effect should extend to include the whole Earth, i.e. this Tidal Force should stretch and squeeze the Earth periodically every lunar day (24 hours and 50 minutes) and every lunar month (roughly 29.5 days). The calculations of the Tidal Force of the Moon (neglecting that of the Sun) shows that, it is 10^{35} greater than that of the Tidal Force coming from the signal of the Tidal Wave of the two massive merger Black Holes GW150914 discovered by the Advanced LIGO on Sept. 18, 2015 and Jan. 12, 2016. Nevertheless, the Advanced LIGO does not watch or detect the deformation of the LIGO's arms during the Tidal Cycles of the Earth!!!! (For the purpose of calculations: The mass of each Black Hole is 4.3×10^6 the Sun Mass, (i.e. = 8.55×10^{36} kgs.), and they are 1.3 billion light years away from the Earth).

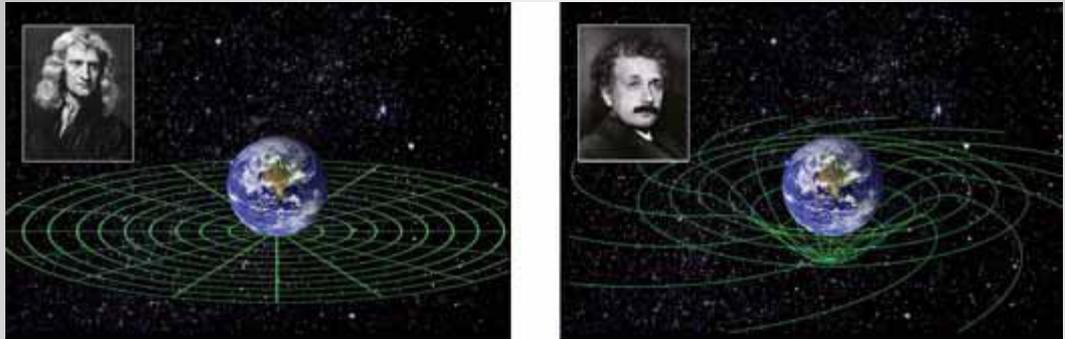
The Internet now is rippling with news that confirms the lies and deceptions of the LIGO that claims the detection of the gravitational waves, e.g. Volodymyr Savchenko of the François Arago Centre in Paris, said that; "We searched through all the available INTEGRAL data, but did not find any indication of high-energy emission associated with the LIGO detection."

As far as I am aware, no alternate observations have confirmed GW150914 including: infrared signals from VISTA, gamma rays from Swift, nor neutrinos from Ice-Cube and ANTARES. See also; GSJ Physics Forum: LIGO Conspirators: Wave or Money Catchers? February 2 2017 at 6:58 AM; and "The absurdity of detecting gravitational waves", Prof. Rana Adhikari, Caltech.

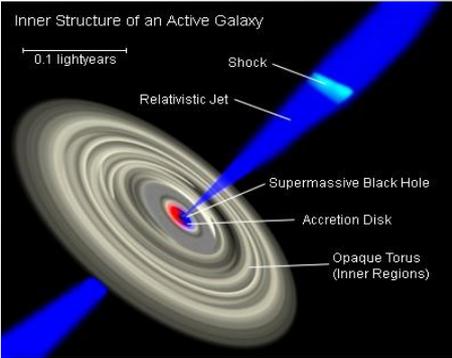
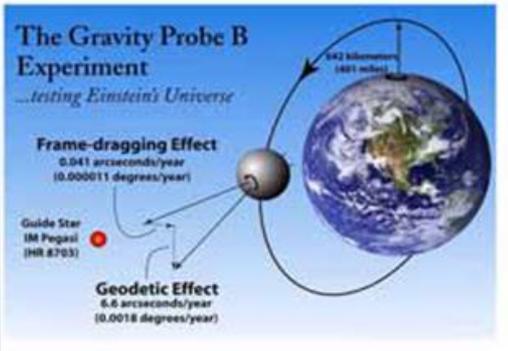
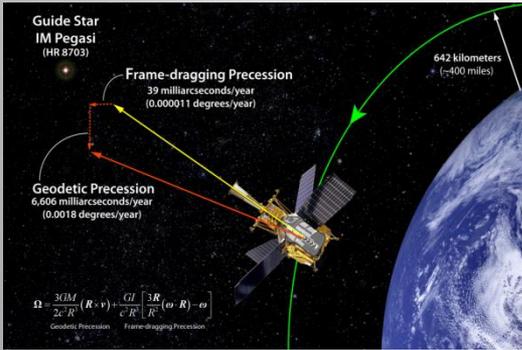
The Gravity Probe B EXPERIMENT

" TESTING EINSTEIN'S UNIVERSE "

Do we need to make this experiment that costs \$750 million dollars?
In fact, we didn't need to carry out such experiment, as the vertical Aether flow is quite clear to the naked eyes.



Newton's flat and fixed space and time (left) vs. Einstein's warped and twisted spacetime (right)



Conceptually, the GP-B experiment is simple (as shown in the figure) : Place a gyroscope and a telescope in a polar-orbiting satellite, 642 km (400 mi) above the Earth. (GP-B actually uses four gyroscopes for redundancy.) At the start of the experiment, align both the telescope and the spin axis of each gyroscope with a distant reference point—a guide star (IM Pegasi). **Keep the telescope aligned with the guide star for a year, and measure the precession change in the spin-axis alignment of each gyro over this period in both the plane of the orbit (the geodetic precession) and orthogonally in the plane of the Earth's rotation (frame-dragging precession).** The right figure shows the environment around the active Galactic Nucleus (AGN) where the relativistic plasma is collimated into jets which escape along the pole of the supermassive black hole. The figure shows the Relativistic Jet which may provide an evidence for the reality of frame-dragging.

The Vertical Aether (Dark Matter) Speed

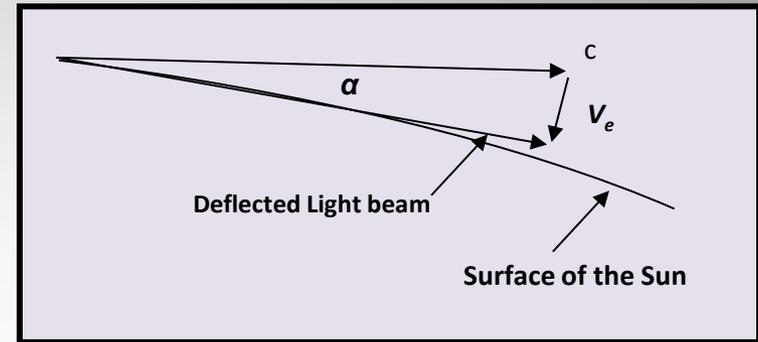
The Grazing Angle can be considered a direct effect of the vertical Aether flow on the light beam passing near the Earth's surface. It is easily seen that the ratio between the vertical Aether speed and the speed of the light will be given by the following formula;

$$\alpha = V_e / c$$

Making use of the deflection angle α calculated by Einstein, then the (vertical) Aether speed will be given by;

$$V_e = \frac{4GM}{c r}$$

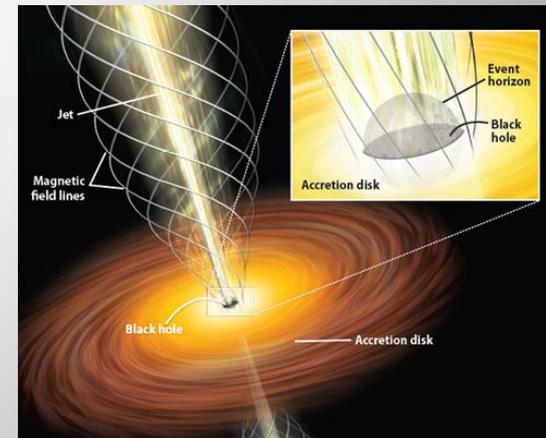
Or $r = \frac{4GM}{c V_e}$



Where r is the radius of the stellar object. In case of a Black hole, its size is determined by the radius of the event horizon, or by Schwarzschild radius, which is given by

$$r_s = 2GM/c^2$$

Compare the last two equations; we see that the radius r of the accretion disc of the black hole is greater than the event horizon radius r_s and both are equal when V_e equals $2c$, i.e. twice the speed of light.



The Vertical Aether (DM) Speed of Different Stellar Masses

Using the eqn. of V_e of the previous slide, we can construct the following table

Class	Mass	Radius	Vertical DM Speed V_e
Moon	7.3477×10^{22} Kg	1.738×10^6 m	0.037576 m/s
Earth	5.9742×10^{24} Kg	6.3781×10^6 m	0.83339 m/s
Sun	1.9891×10^{30} kg	6.96×10^8 m	2.535485×10^3 m/s
Super-massive black hole	$\sim 10^5 - 10^9 M_{\text{Sun}}$	$\sim 0.001 - 10$ AU *	$3.932819 C$ m/s
Intermediate- mass black hole	$\sim 10^3 M_{\text{Sun}}$	$\sim 10^3$ km	$5.89923 C$ m/s
Stellar-mass	$\sim 10 M_{\text{Sun}}$	~ 30 km	$1.96641 C$ m/s
Micro black hole	up to $\sim M_{\text{Moon}}$	up to ~ 0.1 mm	$2.176881 C$ m/s

* AU is the astronomical unit ($\sim 150 \times 10^6$ kilometers), C is the speed of light

This table suggests reclassifying the category of Black Holes, according to the value of the Aether speed V_e at their surfaces, as well as the event horizon radius.

The Solution of Einstein Field Equation (EFE) Space Metric in terms of the Vertical Aether (DM) Speed

The Einstein field equations (EFE) may be written in the form:

$$R_{\mu\nu} - \frac{1}{2} g_{\mu\nu} R + g_{\mu\nu} \Lambda = \frac{8\pi G}{c^4} T_{\mu\nu}$$

Where Λ is the **cosmological constant**, which is the value of the energy density of the vacuum of space, R and g describe the structure of spacetime, T pertains to matter and energy affecting that structure, and G and c are the conversion factors that arise from using traditional units of measurement. When Λ is zero, this reduces to the original field equation of general relativity. When T is zero, the field equation describes empty space (the vacuum). **The solutions of the EFE are the "metrics", and one of the important types of solutions is given by Schwarzschild, and may be written in the following form;**

$$ds^2 = -c^2 \left(1 - \frac{2GM}{rc^2} \right) dt^2 + \frac{dr^2}{1 - \frac{2GM}{rc^2}} + r^2 (d\theta^2 + \sin^2\theta d\phi^2)$$

This metric equation can be written in terms of the Aether speed in the form;

$$ds^2 = -c^2 \left(1 - \frac{V_\epsilon}{2c} \right) dt^2 + \frac{dr^2}{1 - \frac{V_\epsilon}{2c}} + r^2 (d\theta^2 + \sin^2\theta d\phi^2)$$

Clearly, this metric equation has no singularities even when the Aether speed exceeds the light speed. Singularity occurs when the Aether speed equals twice the speed of light, i.e. at the event horizon radius (see the slide no. 25)

The Experimental Verification Of the Theory of Vertical Aether (DM) Flow, Videos

Recently I have informed by the vertical Michelson-Morley interferometer experiments conducted by [Von Martin Grusenik](#) in Germany (in [August 14, 2009](#)), and by [Frank G. Pearce](#) in USA (in [Nov. 15, 2010](#)). Each one of them constructs his own interferometer in his lab. After I had studied these experiments, I found that these experiments can be considered [a good experimental verification](#) to the theory of vertical Aether flow, although both [Grusenik](#) and [Pearce](#) did not attribute (or refer) their results to the vertical flow of Aether on the Earth's surface. [Grusenik introduced his experiment just as a new phenomenon never seen before,](#) and [Pearce](#) made the components of [his interferometer from wood](#) and refused the result of [Grusenik](#), and considered it as induced strain effects in the aluminum components of [Grusenik's](#) interferometer. And these effects are due to the gravitational effect of the Earth's field, which leads to these misleading results.

In the theory presented the lengths of the arms of the interferometer can be adjusted to almost eliminate, to a large extent, the motion of the interference pattern. Thus both experiments did not contradict each other, but they lead to the same result and confirm the vertical Aether flow .

[The Site of Grusenik' Experiment](#)

http://www.youtube.com/watch?v=7T0d7o8X2-E&feature=mfu_in_order&list=UL

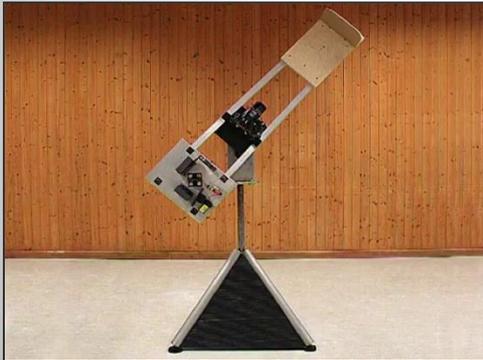
[The Site of Pearce' Experiment](#)

<http://www.youtube.com/watch?v=DH-NC8rvGvU&NR=1>

The Experimental Verification Of the Theory of Vertical Aether (DM) Flow

Erweitertes
Michelson-
Morley
Experiment

von
Martin Grusenick



Vertical
Michelson-
Morley
Experiment

11/15/2010
Frank G. Pearce



Note: The first edition of this book registered under ISBN: 977-17-9789-1 and National Library & Archives Number (Egypt): 21006-2010, dated October 27, 2010, i.e. before the experiment conducted by Frank G. Pearce on November 15, 2010 by 20 days.

Grusenik was introduced his experiment just as a new phenomenon never seen before, and Pearce refused the results of Grusenik, and considered it as a result of an induced strain effects in the aluminum components of Grusenik's interferometer. And this strain is due to the gravitational effect of the Earth's field, which leads to these misleading results.

Four Important Information

The Second Coming of “Ether” With a New Name “Dark Matter”

First: Einstein initially stated that light did not need a medium for transportation, thus Einstein neglected hundreds of light experiments that require the presence of a medium that carries the transverse waves of light, and the conclusion was made that the ether therefore did not exist. Einstein half-heartedly tried to retract this conception 15 years later in a very little known lecture in 1920 at the University of Leiden, whereby he stated;

“We may say that according to the general theory of relativity space is endowed with physical qualities; in this sense, therefore, there exists an ether. According to the general theory of relativity space without ether is unthinkable; for in such space there not only would be no propagation of light, but also no possibility of existence for standards of space and time (measuring-rods and clocks), nor therefore any space-time intervals in the physical sense.”

By then, however, the damage was already done, and the world of physics by and large is still carrying forward with the contention that there no ether based on Einstein’s original theories.

Second: Michelson-Morley (M-M) experiment failed to detect the 30-kilometer motion of the Earth through the Ether around the Sun, to overcome this problem, Einstein simply abolish the Ether (or Dark Matter) in his relativity theory. On the other hand, Sagnac experiment had proved that Ether exists, and this existence is known as “Sagnac Effect”, which is used by airlines as a fiber optic gyroscope to detect the changes in the direction of the plane. However, Sagnac experiment is rarely mentioned, and almost no physicists never mentioned these important experiment.

Third: Therefore, if we prove that ether is existing, which is the medium carrying light waves, this will simply means that ether has the same sense as what we call “dark Matter” (DM), otherwise we will have two media pervading the universe and having the same properties. Note that, the medium carrying light waves doesn’t mean it interacts with it, which is one of the most important property of DM. Thus, the conclusions of the Author’s papers will prove, beyond any doubt, that DM is the ether itself. And we can say that “ether has come back with a new name DM.”

Fourth: The results of the theories presented in the following eight slides (31-38), which had previously published in the Author’s five papers, prove without any doubt, that dark matter is merely the ether. Note that, adding or subtracting the vertical component of the DM speed, to the speed of light, in the theory presented in M-M experiment, does not affect or change the results at all. This is due to the simple path of the light beam in M-M experiment. However, the situation is quite different in Sagnac interferometer, as the light beam suffers multiple reflections and refractions in these types of interferometers. So, it needs some special treatments. **In all cases, the equations presented in this presentation are written in their most general forms.**

The Two Experiments of Grusenick and Pearce Lead to the Same Result and Confirm The Concept of the Vertical Aether (Dark matter) Flow.

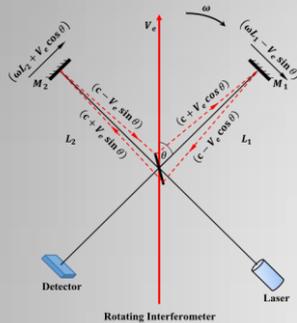
The First Experimental Proof for the Dark Matter Existence.

“The direct evidence of the existence of dark matter and its fluid nature”

“If dark matter doesn't exist, the universe will fall into eternal Darkness”

M. E. Isma'eel and S. M. E. Ismaeel

IOSR Journal of Applied Physics (IOSR-JAP), e-ISSN: 2278-4861. Volume 10, Issue 1 Ver. II (Jan. – Feb. 2018), PP 58- 66



Michelson-Morley Interferometer at any arbitrary vertical position θ

According to the left figure, the time taken, $\delta T1$ and $\delta T2$ by the light during its to and fro journey to reach the semi-silvered mirror, will be given by;

$$\delta T1 = \frac{L1}{\sqrt{(c + V_e \cos \theta)^2 - (\omega L1 - V_e \sin \theta)^2}} + \frac{L1}{\sqrt{(c - V_e \cos \theta)^2 - (\omega L1 - V_e \sin \theta)^2}}$$

$$\delta T2 = \frac{L2}{\sqrt{(c + V_e \sin \theta)^2 - (\omega L2 + V_e \cos \theta)^2}} + \frac{L2}{\sqrt{(c - V_e \sin \theta)^2 - (\omega L2 + V_e \cos \theta)^2}}$$

Multiplying by c , to get the path difference between the two beams, $\Delta = c \delta T1 - c \delta T2$. Then, the corresponding number of fringe pattern, N will be given by, $N = \frac{\Delta}{\lambda} = \Delta \times \nu$. Both λ and ν are the wave length and frequency of the laser beam of the interferometer.

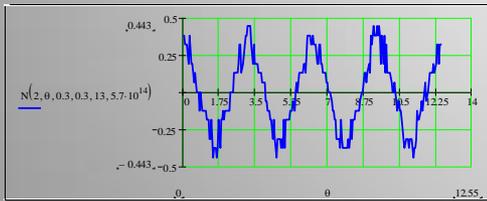
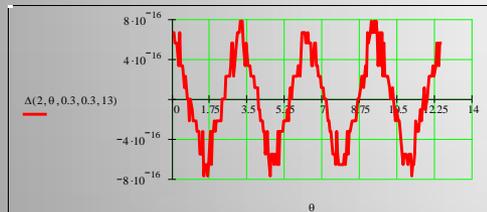
In fact, the experiment of the vertical position of Michelson-Morley Interferometer has supported the vertical flow of dark matter onto the Earth's surface (or any Object). However, the mainstream scientist don't want to accept these findings. The most common reason for that, are the contradictions in the experimental results of this experiment. These contradictory results are:

1. The oscillation of the interference pattern (Martin Grusenick's experiment in Germany)
2. The stationary interference pattern (Frank G. Pearce's experiment in USA)
3. The moving interference pattern in one direction, no matter forward or backward (many experiments).

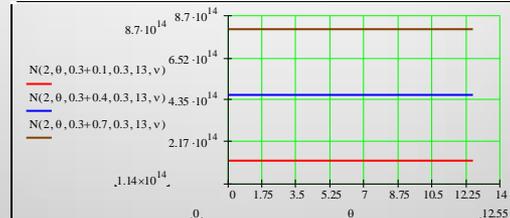
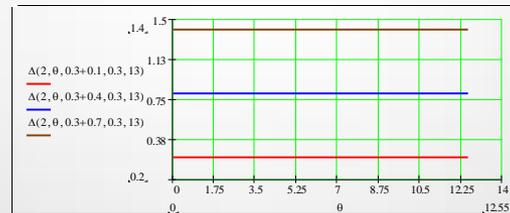
Alternatively, may be the mainstream scientist do not accept the results of this experiment, as the acceptance means the radical review of the contemporary physics, which lead to the third age of **Paradigm Shift** in physics.

This paper solves all the contradictory results that have been appeared in the laboratory experiments as shown in the figures. The target of this paper is to prove, first, the liquid nature of the dark matter, although its density is more than millions of billions times the density of the steel (see slides 34 and 35), and second, is to prove that the dark matter flows vertically onto the Earth's surface as well as onto the Sun's surface and onto any other object.

The paper strongly recommend the construction of sophisticated vertical rotating interferometers on Earth and on ESA's Space Station that would take place during the 2020's in the vicinity of the Moon. (See the Mathcad Legend on the next slide)



**An Oscillating Pattern
Martin Grusenick Experiment**



**A Stationary Pattern
Frank Pearce Experiment**

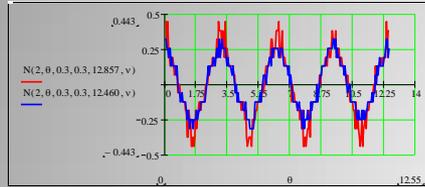
New Predictions, New Cosmic Phenomenon

The Second Experimental Proof of the Dark Matter Existence.

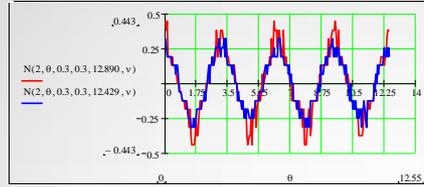
The Interference Pattern Varies according to the Location of the Interferometer at; Perihelion, Aphelion, Perigee and Apogee

“The direct evidence of the existence of dark matter and its fluid nature”

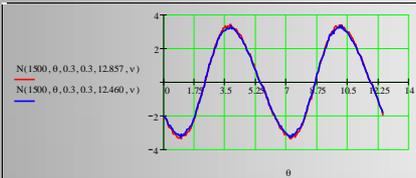
“If the dark matter doesn’t exist, the universe will fall into eternal darkness”



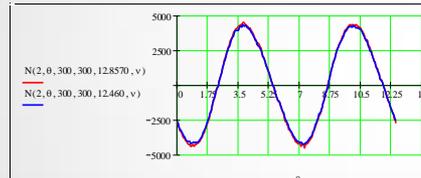
(a) 2 rpm, 0.3 m Arm Length of the number N of the pattern at Perihelion and Aphelion



(b) 2 rpm, 0.3 m Arm Length of the number N of the pattern at Perigee and Apogee



(c) 1500 rpm, 0.3 m Arm Length at Perihelion and Aphelion



(d) 2 rpm, 300 m Arm Length at Perihelion and Aphelion

Figure (a), shows the maximum value of the number of lines N of the fringe pattern is 0.44298 line at Earth's location at Perihelion, and the maximum value of N at Earth's location at Aphelion is 0.25313 lines. Figure (b) shows, the maximum value of the number of lines of the fringe pattern N at Lunar Space Station at (Perihelion - Apogee) is 0.44298 line, i.e. almost the same as at Perihelion. While the maximum of N at Earth's location at (Aphelion + Apogee) is 0.31641 lines.

The comparison between figures (c) and (d), shows that the increase of the speed of rotation, increases the number N of the interference pattern. While the increase of the arm lengths terribly increases the number N of the interference pattern. However, in all these cases the patterns at the different locations almost coincide and become too difficult to distinguish between them, and need sophisticated high accurate interferometer to detect this difference. Also, it worth mentioning that, increasing the frequency of the light source will little increase the number of lines of the fringe pattern, and hence it is not included.

Finally, the conclusion is that the difference between the two interference patterns shown in either figures (a) or (b) is very slight, however still notable by the naked eye. Hence the conclusion is that, the small scale interferometer (short arm lengths), is better than the large scale interferometer (long arm lengths).

Of course, the main objective of this recommended experiment is to prove, first, the direct evidence of the existence of the dark matter, second, the fluid nature of the dark matter, and third, the dark matter flows vertically onto the Earth's surface as well as onto the Sun's surface and onto any other object.

Table I: Distances and Speeds of Dark Matter at Different Locations of Earth and Lunar Space Station

Max. & Min. Locations from the Sun	Distance From Sun (meters)	Dark Matter Speed onto the Sun at the corresponding locations (m/s)	Dark Matter Speed onto Earth alone (m/s)	Total Speed of Dark Matter (m/s)
Perihelion	1.4717×10^{11}	12.024	0.833 **	12.857
Aphelion	1.5219×10^{11}	11.627		12.460
Perihelion - Apogee*	1.468×10^{11}	12.057		12.890
Aphelion + Apogee*	1.526×10^{11}	11.596		12.429

* The distances of the Moon from the Earth at Perigee and Apogee are given respectively by; $(3.56375 \times 10^8 \text{ m})$ and $(4.0672 \times 10^8 \text{ m})$. The calculation is carried out on the basis that the two positions of Perihelion and Apogee are aligned, as well as the Aphelion and Apogee.

** The estimated velocity of the Dark Matter at the Solar System due to the Black Hole at the Center of our Milky Way Galaxy is about 0.029 m, which can be neglected.

The Mathcad legend of the different parameters of the path difference Δ and the number of the fringe lines N;

$$\Delta(rpm, \theta, L_1, L_2, V_e);$$

$$N(rpm, \theta, L_1, L_2, V_e, v);$$

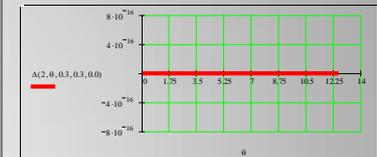
Where rpm stands for the revolution per minute of the interferometer, θ is the angular position of the interferometer with the vertical flow of dark matter, L_1, L_2 , are the lengths of the two arms of the interferometer, V_e is the velocity of the dark matter, which is the decisive proof of the fluid nature of the dark matter. Finally, v stands for the frequency of the laser beam ($570 \text{ TH} = 5.7 \times 10^{14} \text{ Hz}$), of the Green Light.

All these parameters are drawn against the angular position θ of the interferometer with the vertical direction of the dark matter flow.

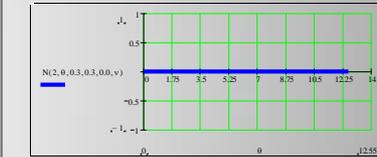
○ Does dark matter really exist and has a fluid nature?!

In all the previous investigations, we have assumed that the dark matter is existing and has a certain speed vertically fall onto Earth's surface, as shown in the previous slide. Now if the dark matter does not exist? This case can be achieved by putting the speed of the dark matter equals zero in the previous equations. The question arises, would we get, in this case, the same interference patterns in one way or another?!

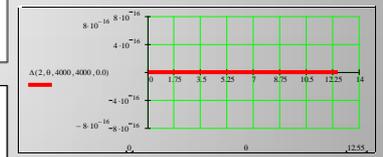
Figures (a), (b), (c) and (d) to the right answer this question. In fact, if the dark matter does not exist, we will get nothing! No interference pattern, no oscillation pattern, no stationary pattern and no moving pattern. All we get is zero pattern, as shown in figures (a), (b), (c) and (d). Hence the necessary and sufficient condition for the existence of dark matter, is the existence of the interference pattern. Therefore, the Vertical Rotating Michelson-Morley Experiment is the direct evidence of the existence of the dark matter and its fluid nature.



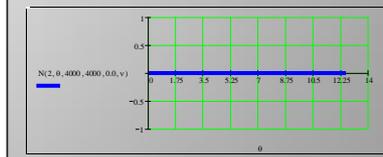
(a) Zero path difference Δ of 30 cm arm length interferometer



(b) Zero number of fringe pattern N of 30 cm arm length interferometer



(c) Zero path difference Δ of 4 km arm length interferometer



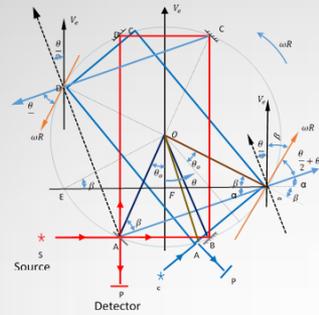
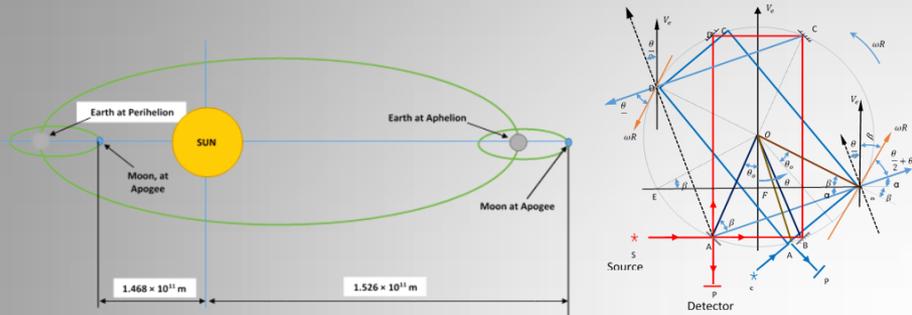
(d) Zero number of fringe pattern N of 4 km arm length interferometer

An Experimental Verification for the Existence of Dark Matter and its Fluid Nature

M. E. Isma'eel and Sherif M. E. Ismaeel

International Journal of Scientific & Engineering Research Volume 9, Issue 10, October-2018, PP 876 - 890

ISSN 2229-5518. https://www.ijser.org/research-paper-publishing-october-2018_page3.aspx

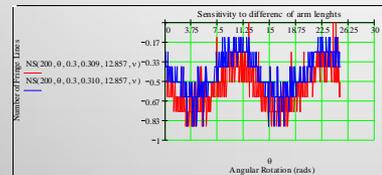
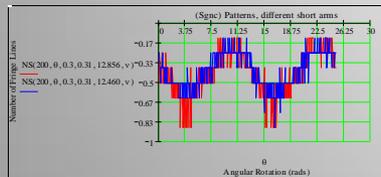


(Left) Maximum and the Minimum distances of Earth and Moon from the Sun. (Right) a typical rectangular Sagnac Interferometer with different side lengths L_1 and L_2 (the figures are not to scale)

$$\delta T_{1i} = \sum_{i=1}^4 \frac{L_i}{\sqrt{[c + V_e \cos \varphi_{i,\theta} + \omega R \sin(\varphi_{i,\theta} - \theta_0)]^2 - [V_e \sin \varphi_{i,\theta} + \omega R \cos(\varphi_{i,\theta} - \theta_0)]^2}}$$

$$\delta T_{2i} = \sum_{i=1}^4 \frac{L_i}{\sqrt{[c + V_e \cos(\frac{\pi}{2} - \psi_{i,\theta}) + \omega R \cos(\psi_{i,\theta} - \theta_0)]^2 - [(-V_e) \sin(\frac{\pi}{2} - \psi_{i,\theta}) + \omega R \sin(\psi_{i,\theta} - \theta_0)]^2}}$$

$$\varphi_{i,\theta} = \left(\frac{\pi}{2} - \theta\right) + (i - 1) \frac{\pi}{2}; \quad \psi_{i,\theta} = \frac{\theta}{2} - (i - 1) \frac{\pi}{2}; \quad \Delta = c \delta T_{1i} - c \delta T_{2i}; \quad N = \Delta \times v$$

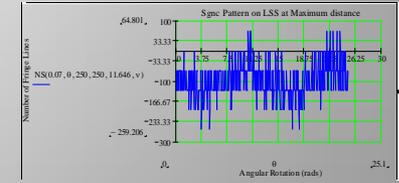
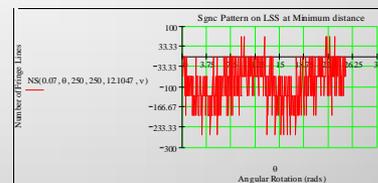
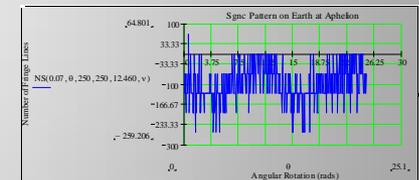
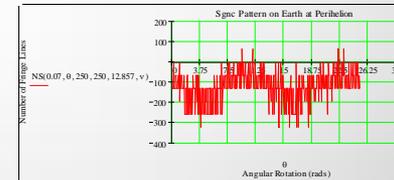


Distances and Speeds of Dark Matter at Earth Locations at Perihelion and Aphelion

Location of Earth	Distance From Sun (meters)	Dark Matter Speed due to Sun at Earth location (m/s)	Dark Matter Speed due to Earth alone (m/s)	Total Dark Matter Speed (m/s)
At Perihelion	1.4717×10^{11}	12.024	0.833	12.857
At Aphelion	1.5219×10^{11}	11.627		12.460

Distances and Speeds of Dark Matter at Different Locations of Lunar Space Station at Apogee and at Perigee

Location of Moon	Distance From Earth	DM speed due to Earth (m/s)	Distance from Sun* (Max. & min. distances)	DM Speed due to Sun (m/s)	DM speed due to Moon itself (m/s)	Total DM Speed** (m/s)
At Apogee	4.0672×10^8	0.013	1.526×10^{11} (Earth at Aphelion)	11.59569	0.0377	11.646
At Perigee	3.5637×10^8	0.015	1.468×10^{11} (Earth at Perihelion)	12.054		12.1047 ***

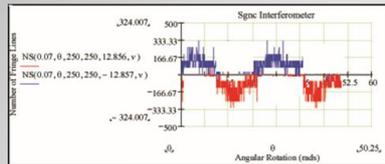
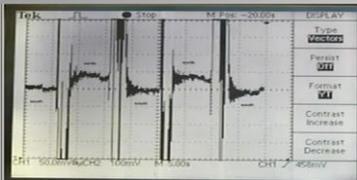


the interference patterns of (Sgnc) Interferometer, of Earth at **Aphelion (Red)** and **Perihelion (blue)**, at 200 rpm, while (b) shows the sensitivity to the difference of the arm lengths at the same location.

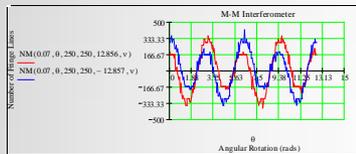
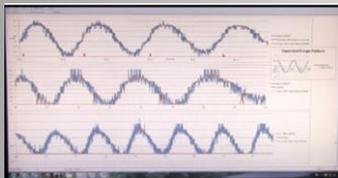
The figures show the number of lines of the fringe patterns as detected by (Sgnc) interferometer on Earth at Perihelion (Red) and Aphelion (Blue) and on Lunar Space Station (LSS) at Minimum distance (Red) and minimum distance (Blue) from the Sun.

Continued; An Experimental Verification for the Existence of Dark Matter and its Fluid Nature.

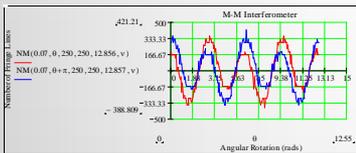
Experimental Verifications and flipping the interferometers, using the experimental data of **Doug Marett**

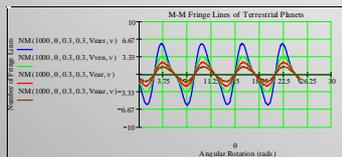
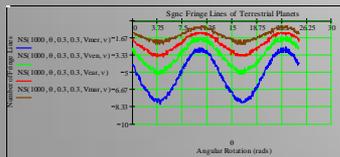
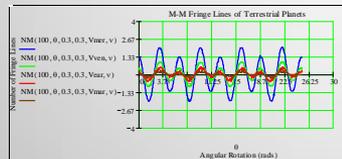
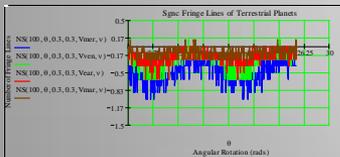


(Left) Sagnac Interference patterns as appeared on the oscilloscope screen before and after flipping the interferometer. (Right) The derived theoretical curves. Flipping the interferometer means reversal of the dark matter flow, more details are given in the paper about the gradual tilting of the interferometers.



There is no meaning to flip (M-M) interferometer, as the rotation means periodical flipping of the interferometer with the rotation. The two figures show identical patterns, the upper by reversing the DM speed and the lower by adding a phase shift equals π to the angle of rotation θ .

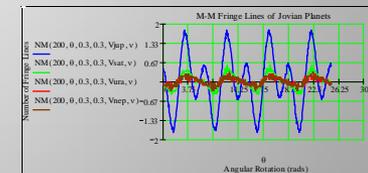
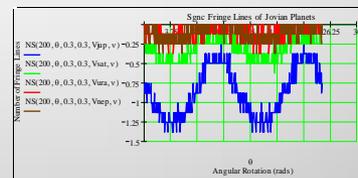




Effect of increasing the rpm, on Sagnac and M-M interference patterns of the Terrestrial Planets. From upper; Mercury (Blue), Venus (Green), Earth (Red) and Mars (Brown)

Dark Matter Speeds at or near the Surfaces of the Planets of the Solar System

#	Planet	Mass (Earth - Mass-unit)	Equatorial diameter (Earth-diameter-unit)	DM Speed Due to Planet itself (m/s)	Distance from Sun (AU)	DM speed due to Sun at planet location (m/s)	Total DM speed (m/s)
1	Mercury	0.06	0.382	0.131	0.4	29.571	29.702
2	Venus	0.82	0.949	1.786	0.7	16.897	18.683
3	Earth	1.00	1.00	0.832	1.0	11.828	12.66
4	Mars	0.11	0.532	0.172	1.5	7.885	8.057
5	Asteroid belt	-----	-----	-----	2.3 - 3.3	-----	-----
6	Ceres (Dwarf Planet)	-----	-----	-----	2.77	-----	-----
7	Jupiter	317.8	11.209	21.653	5.2	2.275	23.928
8	Saturn	95.2	9.449	8.381	9.5	1.286	9.667
9	Uranus	14.6	4.007	3.031	19.2	0.616	3.647
10	Neptune	17.2	3.883	3.685	30.1	0.393	4.078



The interference patterns of the vertical rotating (Sagnac) interferometer (to the left), with 200 rpm, and (M-M) interferometer (to the right), with the same rpm, near or at the locations of Jovian Planets.

Cosmological Confirmation/ OR New Prediction

Gravitational Blue Shift Confirms the New Phenomenon of the Vertical Aether Flow into any Mass M (M. E. Isma'eel and Sherif M. E. Ismaeel)

IOSR Journal of Applied Physics (IOSR-JAP), e-ISSN: 2278-4861. Volume 5, Issue 1 (Nov. – Dec. 2013), PP 08- 14
<http://adsabs.harvard.edu/abs/2013IOJAP...5....8I / ANED-DDL # 22.4861/iosr-jap-C0551625>

Energy equation; $hv' = hv + mgL$

Or in the form $h(v + \delta v) = hv + \frac{hv}{c^2} \left(-\frac{GM}{r^2} \right) \delta r$

This yields Doppler Effect in a gravitational field $v' = v e^{\frac{MG}{c^2} \left(\frac{1}{r'} - \frac{1}{r} \right)}$

Similarly, Doppler Effect in a gravitational field in terms of the vertical Aether speed:

$$v' = v e^{\frac{1}{4c} (V'_e - V_e)}$$

Compare the last two equations we get: $V_e = \frac{4MG}{rc}$

Which is the equation derived before in slide # 25.

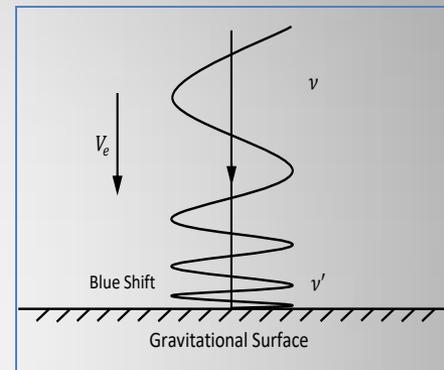
Doppler Effect in a Gravitational Field

$$v' = v e^{\frac{MG}{rc^2}} = v \left[1 + \frac{MG}{rc^2} + \frac{1}{2!} \left(\frac{MG}{rc^2} \right)^2 + \dots \right]$$

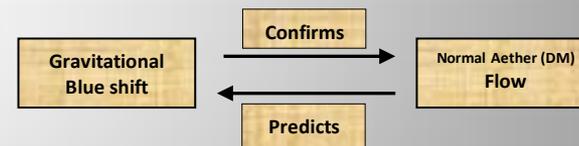
Gravitational Time Dilation

$$T = \frac{T'}{\sqrt{1 - \frac{2GM}{Rc^2}}} = T' \left[1 + \frac{MG}{Rc^2} + \frac{1 \times 3}{2^2 2!} \left(\frac{2MG}{Rc^2} \right)^2 + \frac{1 \times 3 \times 5}{2^3 3!} \left(\frac{2MG}{Rc^2} \right)^3 + \dots \right]$$

These two last equations clearly show the difference between the time dilation and Doppler Effect due to the Gravitational field of a mass M . Since we have the relation; $v = 1/T$, then the first two terms of these two equations becomes identical. Hence the time dilation due to a gravity field of any mass M is simply, becomes an approximation to Doppler Effect in the same gravity field of the mass M , or vice versa.



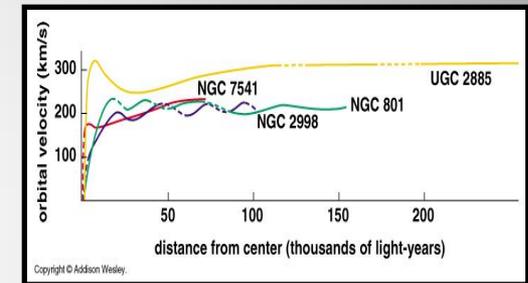
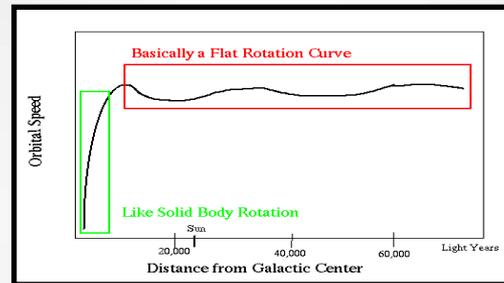
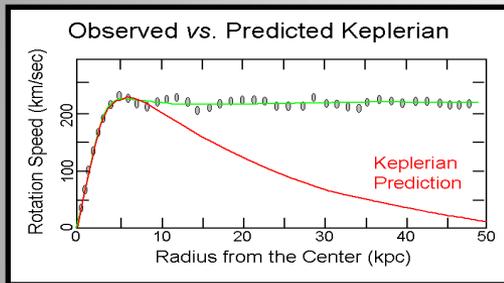
The Figure shows the gravitational Blue shift as it moves downward in a Gravitational field of mass M



The second coming of Aether with New Names

“Dark Matter”, “Higgs Field” OR best fit: “Higgs Matter” !!!

The nature of dark matter (DM) is one of the greatest puzzles in particle physics and cosmology today. It is stuff we cannot see or detect but we think it must be there, as it is much easier to assume that dark matter exists rather than having to rewrite all of physics. Its existence and properties are inferred from its gravitational effects on visible matter, radiation, and the large-scale structure of the universe (see the figures below and slide # 17).



The left figure shows The predicted Keplerian Galaxy Rotation Curve. But, the observations show that the rotation speed stays roughly constant (a "flat rotation curve"). The middle figure shows the flat rotation curve of our Milky Way Galaxy, which is a typical profile curve of the spiral galaxies. The right curve shows virtual galaxies flat rotation curves of some galaxies, indicating that they are all surrounded by large halos of Dark Matter.

HIGGS FIELD & HIGGS BOSONS: If all particles have no inherent mass, but instead gain mass by passing through a field This field, is known as a Higgs field, which could affect different particles in different ways. Photons could slide through unaffected, while W and Z bosons would get bogged down with mass (Is that Aether Drag Force Effect?). In fact, assuming the Higgs boson exists, everything that has mass gets it by interacting with the all-powerful Higgs field, which occupies the entire universe (Is that Aether?). Like the other fields covered by the standard model, the Higgs field would need a carrier particle to affect other particles, and that particle is known as the Higgs boson. The question now; why Physicists accept the name of Dark Matter and strongly reject the name of Aether? Is that Einstein’s Heritage? Note that: the existence of the Aether does not mean that the special theory of relativity is incorrect, but it means that a correct theory was based on a misleading experiment, what a coincidence!

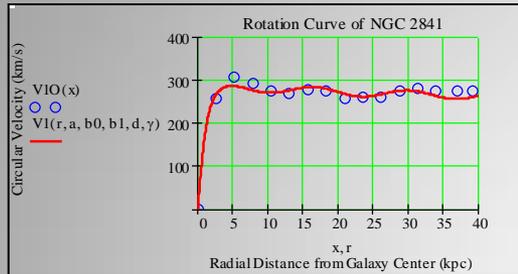
The Dark Matter Flow Theory

Distribution of Dark Matter in Galaxies, In Search of the Dark Matter Particle

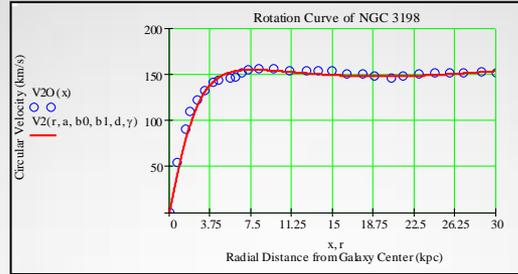
IOSR Journal of Applied Physics (IOSR-JAP), e-ISSN: 2278-4861. Volume 6, Issue 3 Ver.IV (May-Jun. 2014), PP 27 – 37

[http://www.iosrjournals.org/iosr-jap/pages/v6\(3\)Version-4.html](http://www.iosrjournals.org/iosr-jap/pages/v6(3)Version-4.html) / DOI (Digital Object Identifier) #: **10.9790/4861-06342838**

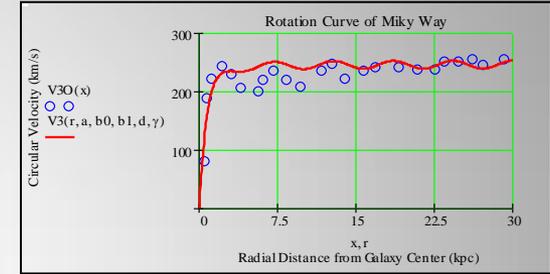
Article ANED-DDL (Digital Data link) number is **22.4861/iosr-jap-E06342838** / through website www.aned.us



(a)



(b)



(c)

Combine Newton's gravitational law and the drag force equation, we can get the density of dark matter adjacent to Earth's location due to the drag force effect of the sun;

$$\rho_e = [c^2 / 8 C_d G] \times [(M_s / M_e) / A_e]$$

In this equation, the suffixes are interchangeable, then the dark matter density adjacent to sun's location due Earth's drag force effect will given by;

$$\rho_s = [c^2 / 8 C_d G] \times [(M_e / M_s) / A_s]$$

Where; M_e is the mass of the earth, M_s is the mass of the sun, A_e and A_s are the cross sectional areas of earth and sun. C_d is the drag coefficient. c is the light speed. G is the gravitational constant.

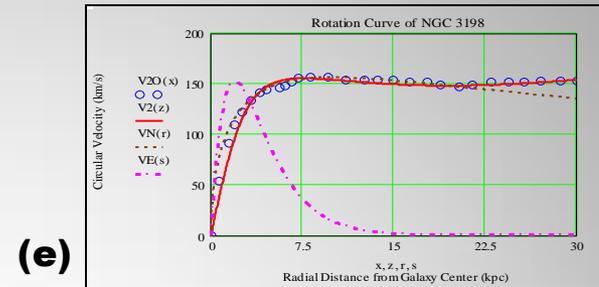
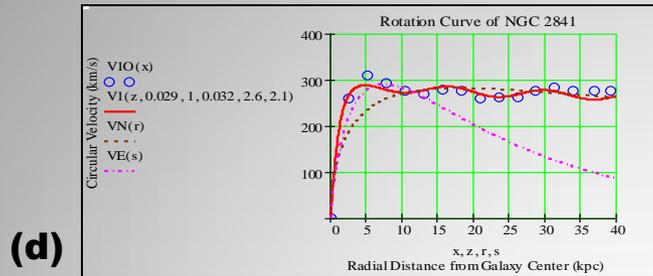
The density profile $\rho(r) = \frac{a^2 \rho_0}{d + \left(\frac{r}{b}\right)^\gamma}$; where $b = b_0 + b_1 \cos(\alpha r + \theta)$

The velocity of the stars as a function radius r of the galaxy;

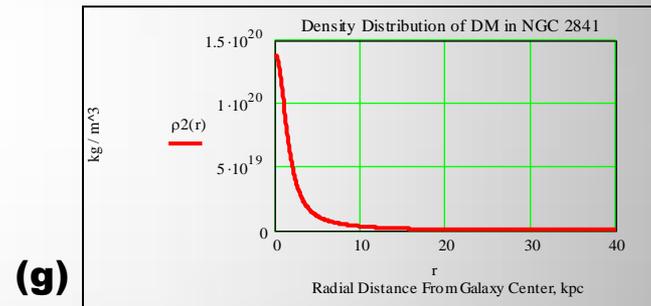
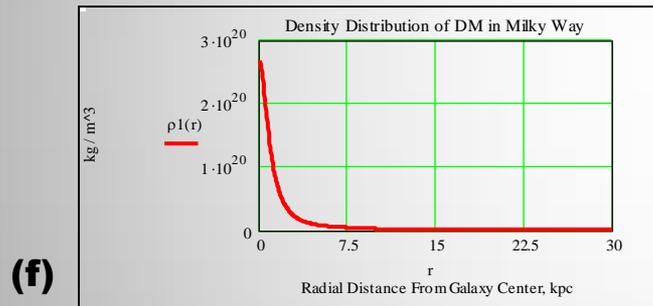
$$V = \frac{\sqrt{(4/3) \pi G \rho_0 a r}}{\sqrt{d + (r/b)^\gamma}}$$

Figures (a), (b) and (c) show the high congruence between the presented theory and the observational data of the galaxies NGC 2841, NGC 3198 and our Milky Way, which confirms the correctness of the theory.

Comparison with the NFW and EINASTO Profiles and the Density Distribution of Dark Matter in Galaxies. **Black Holes are Real Holes in an Extremely High Density Medium**



Figures (d) and (e) show the comparison with the NFW and EINASTO profiles when applied to the two galaxies NGC 2841 and NGC 3198. Figures (d) and (e) clearly show the high accuracy of the presented theory.



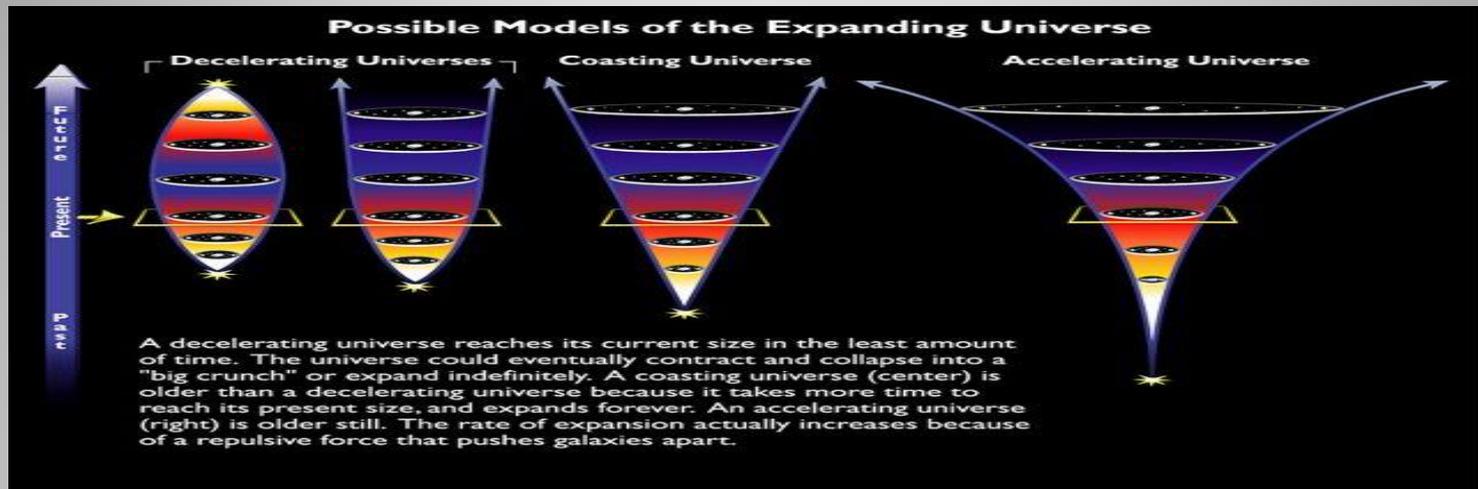
Figures (f) and (g) show the density distribution of Dark Matter in Milky Way and NGC 2841 galaxies. Although the values are chocking, however they exhibit a high congruence with the measured observations of the velocities of the rotation curves of galaxies as shown in the previous slide.

So, My advice to physicists is to go back first to the three inexpensive (or, almost zero money) experiments given in slides # 30, 31 and 32 to be sure about the meaning of the flow of (dark) matter, with density (at the solar system) 3.7×10^{14} heavier than the density of the steel, to understand the physical world first, and then we can think about the effect of the high energy collisions of baryonic matter on the dark matter. **Note that: According to the given table, the Black Hole becomes a real hole in the empty space!!**

Density of Black Hole, Based on its mass = 4.3×10^6 Solar Masses.	$9.968 \times 10^5 \text{ Kg/m}^3$
Density of dark matter close to the black hole due to all the stars of the Milky Way Galaxy	$4.571 \times 10^{23} \text{ Kg/m}^3$
Density of dark matter at the solar system	$2.9062 \times 10^{18} \text{ Kg/m}^3$
Density of dark matter just beyond Milky Way	$8.7322 \times 10^{17} \text{ Kg/m}^3$
Density of steel	$7.850 \times 10^3 \text{ Kg/m}^3$

Some Cosmic Laws Extracted, according to author's understanding, from the Glorious Quran

Note; The Arab Word is characterized by a broad spectrum of meanings. Arabic has between 90 million words and 500 million words, while English has only ONE million words. Consequently, Arabic has sounds that don't exist in other languages.



Taken from; Oxford scientists call into question the idea that the universe's expansion is accelerating, October 26, 2016

1- The Expanding Universe (the Dark Energy, and the Big-Bang theory);

[With power did We construct the Universe (Heaven.) Verily, We are Able to expand the vastness of space thereof.] (Quran 51: 47).

This verse corresponds to the lower part of the left case of the Decelerating Universe of the above figure, at Present time.

2- The Big Crunch;

[The Day when We will fold the universe (Heaven) like a scroll folding the books. As We began the first creation, We will repeat it. [That is] a promise binding upon Us. Indeed, We will do it.] (Quran 21: 104). This verse corresponds to the upper part of the left case of the Decelerating Universe of the above figure, at Future.

3- The Extreme solid Structure of the Universe (the Dark Matter), yet it has a fluid nature / [See the Previous Slide](#));

The Quran has mentioned in three locations that, the universe will split and crack at the end of time. Obviously, this is only happened in solid materials. The verses are: (55: 37), (69: 16), (84: 1). e.g. [And when the universe (Heaven) is split and becomes cracked like a rose.] (55: 37). However, the pervading medium in the universe (DM) has a fluid nature (Quran 21:33), (Quran 36:40).

4- Gravitational Waves can never be seen (or detected; see slides #22 and # 23);

[Allah is He Who raised the universes (Heavens) without any Supports (or pillars) that you can see (or detect). [Then, He Istawa (rose above) the Throne (really in a manner that suits His Majesty). He has subjected the sun and the moon (to continue going round)! Each running (its course) for a term appointed. He regulates all affairs, explaining the Ayat (proofs, evidences, verses, lessons, signs, revelations, etc.) in detail, that you may believe with certainty in the meeting with your Lord.] (Quran 13: 2)

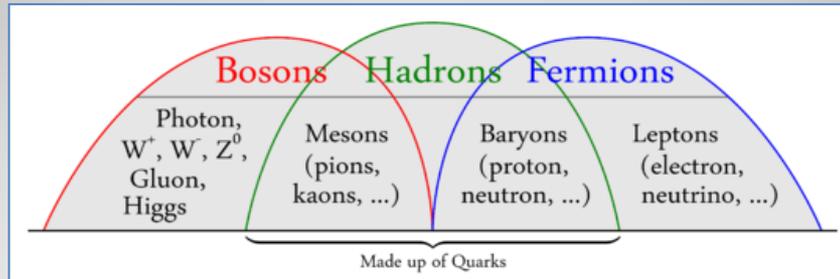
Part II

Quantum Physics High Energy Physics

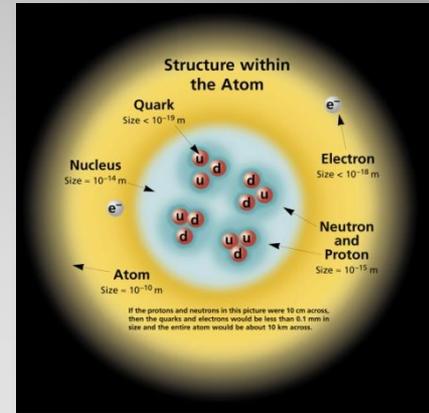
**The Generalized Concept of the String Theory
The Phase Theory/ Quarks/ The Origin of Mass
The Big Bang Equation**

What are Fundamental Particles?

QUARKS	MASS			CHARGE			SPIN		
	4.2 MeV/c ²	1.275 GeV/c ²	173.07 GeV/c ²	2/3	2/3	2/3	1/2	1/2	1/2
u	u	c	t	g	H				
up	charm	top	gluon	Higgs boson					
	4.8 MeV/c ²	95 MeV/c ²	4.18 GeV/c ²	0	0	0	0	0	0
d	s	b	γ						
down	strange	bottom	photon						
	0.511 MeV/c ²	105.7 MeV/c ²	1.777 GeV/c ²	0	0	0	0	0	0
e	μ	τ	Z						
electron	muon	tau	Z boson						
	0.511 MeV/c ²	105.7 MeV/c ²	1.777 GeV/c ²	0	0	0	0	0	0
ν _e	ν _μ	ν _τ	W						
electron neutrino	muon neutrino	tau neutrino	W boson						
	0.511 MeV/c ²	105.7 MeV/c ²	1.777 GeV/c ²	0	0	0	0	0	0
ν _e	ν _μ	ν _τ	W						
electron neutrino	muon neutrino	tau neutrino	W boson						



The quarks can bond to form 3 and 2 quark states. 3 quark bound systems are known as baryons. 2 quark bound states are known as mesons.



(Note: 0.511 MeV = 8.187 × 10⁻¹⁴, 0.511 MeV / c² = 9.10938 × 10⁻³¹ kg, which is the electron mass)

Are Quarks and Leptons Structureless?

All we know is that quarks and leptons are smaller than 10⁻¹⁹ meters in radius. As far as we can tell, they have no internal structure or even any size. It is possible that future evidence will, once again, show this understanding to be an illusion and demonstrate that there is substructure within the particles that we now view as fundamental.

The Phase Theory (My Added Work)

It is considered the generalized theory of the superstring theory. It reduces all types of elementary particles and their anti-particles to the same profile, i.e. infinitesimal black holes, that oscillate with the same frequency but with different phase angles. It Gives the mathematical formula to estimate the radii of quarks, which leads to the Big Bang Equation. Also it gives the possibility that quarks can have substructures and predicts their expected radii, masses and charges, where the values of the charges are reduced by the factors 1/3, 1/9, 1/27, ... for the sub, Sub, Sub-quarks, ...

Standard Model of FUNDAMENTAL PARTICLES AND INTERACTIONS

The Standard Model is a quantum theory that summarizes our current knowledge of the physics of fundamental particles and fundamental interactions (interactions are mediated by force and by doing so, it is a quantum theory).

FERMIONS (spin = 1/2, 3/2, 5/2, ...)

Leptons (spin = 1/2)	Quarks (spin = 1/2)
Flavor: e, μ, τ	Flavor: u, d, s, c, b, t
Mass (GeV/c ²): 0, 0.106, 1.777	Approx. Mass (GeV/c ²): 0.002, 0.005, 1.3, 1.73, 4.2
Electric charge: 0, -1, -1	Electric charge: 2/3, -1/3, -1/3, 2/3, -1/3, -1/3

BOSONS (spin = 0, 1, 2, ...)

Unified Electroweak (spin = 1)	Strong (spin = 1)
Name: W ⁺ , W ⁻ , Z ⁰ , γ	Name: g
Mass (GeV/c ²): 80.39, 80.39, 91.188, 0	Mass (GeV/c ²): 0
Electric charge: 0, 0, 0, 0	Electric charge: 0, 0, 0

Structure within the Atom

Atom (Size ~ 10⁻¹⁰ m), Nucleus (Size ~ 10⁻¹⁴ m), Quark (Size ~ 10⁻¹⁹ m), Neutron and Proton (Size ~ 10⁻¹⁵ m), Electron (Size ~ 10⁻¹⁸ m).

Properties of the Interactions

Property	Gravitational Interaction	Weak Interaction	Electromagnetic Interaction	Strong Interaction
Acts on:	Mass-Energy	Flavor	Electrically Charged	Color Charge
Particles exchanging:	All	Quarks, Leptons	Electrically Charged	Quarks, Quarks
Particles mediating:	Graviton (not observed)	W ⁺ , W ⁻ , Z ⁰	γ	Gluons
Strength at:	10 ⁻⁴¹	10 ⁻¹¹	1	80

Particle Processes

$e^+ + e^- \rightarrow \mu^+ + \mu^-$, $e^+ + e^- \rightarrow \gamma + \gamma$, $e^+ + e^- \rightarrow \mu^+ + \mu^- + \gamma$, $e^+ + e^- \rightarrow \mu^+ + \mu^- + \gamma + \gamma$

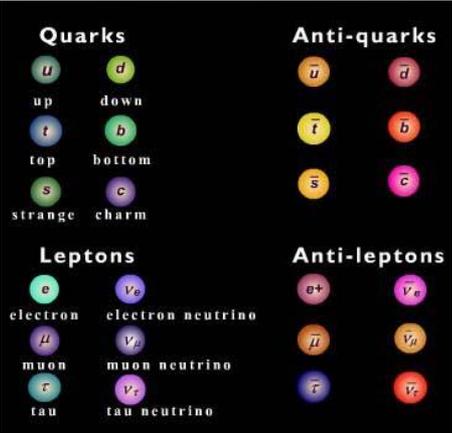
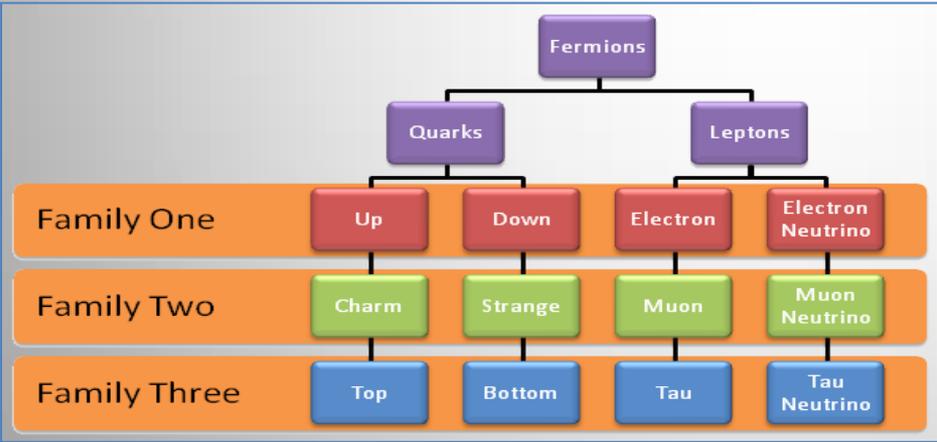
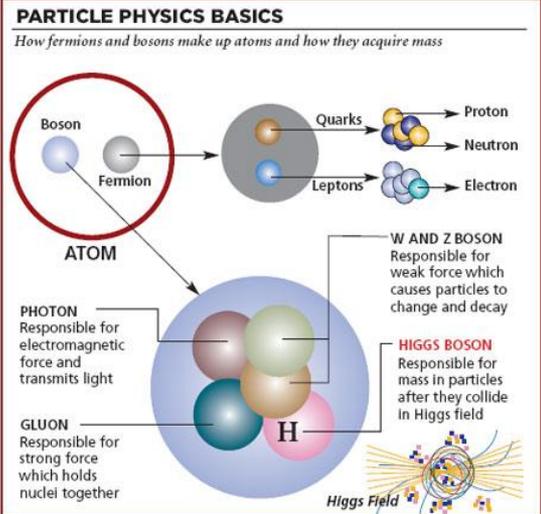
Unsolved Mysteries

- Universe Accelerating?
- Why No Antimatter?
- Dark Matter?
- Origin of Mass?

The Standard Model

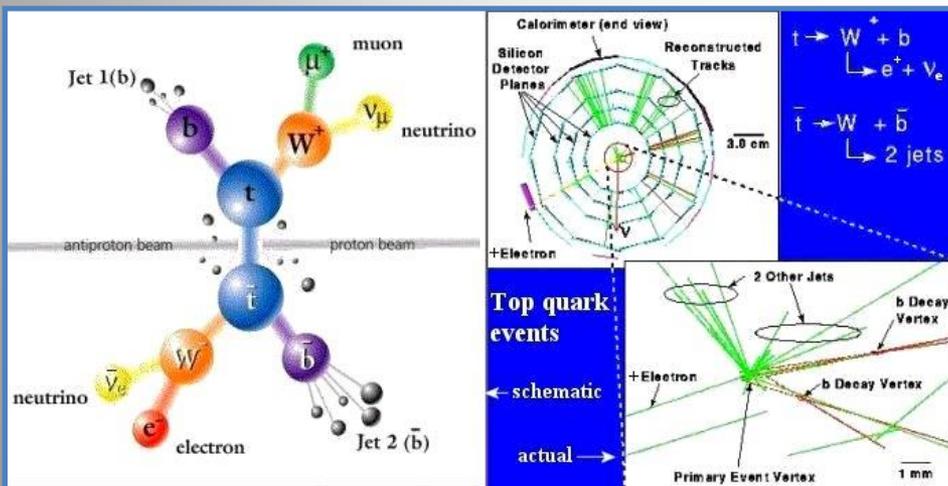
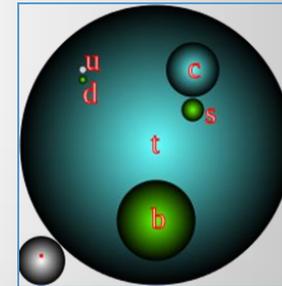
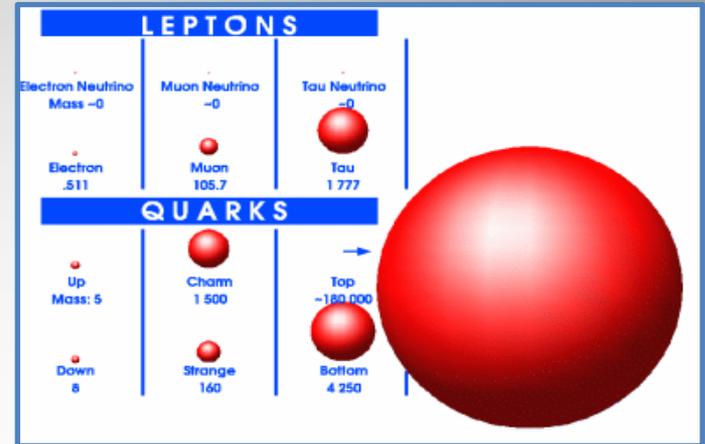
The Standard Model
 Physicists have developed a theory called **The Standard Model** that explains what the world is and what holds it together. It is a simple and comprehensive theory that explains all the hundreds of particles and complex interactions with only:

- **6 quarks:** up, down, strange, charm, bottom and top. These particles explain the baryons (three quarks) and mesons (2 quarks)
- **6 leptons.** The best-known lepton is the electron. The others are the electron neutrino, the muon and the muon neutrino and the tau and the tau neutrino.
- **Force carrier particles:** photon (electromagnetic), W (W⁻ W⁺) and Z⁰ (weak nuclear), and the gluon (strong nuclear).
 NOTE: the gravitational force is NOT included.



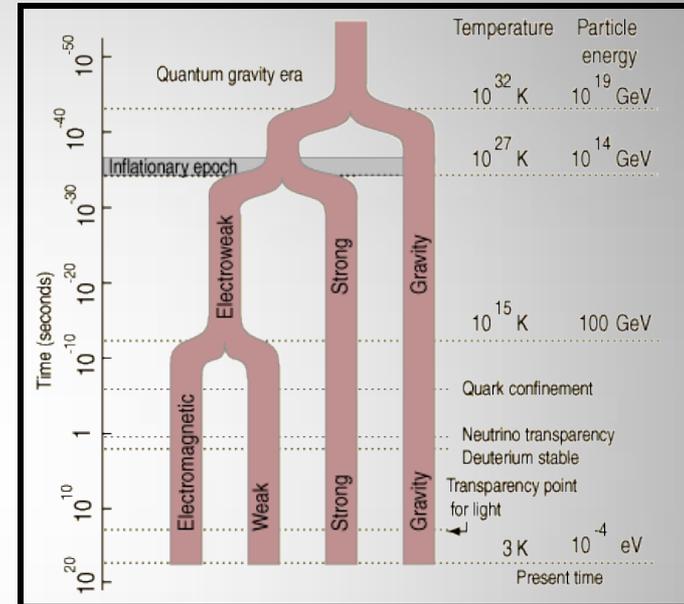
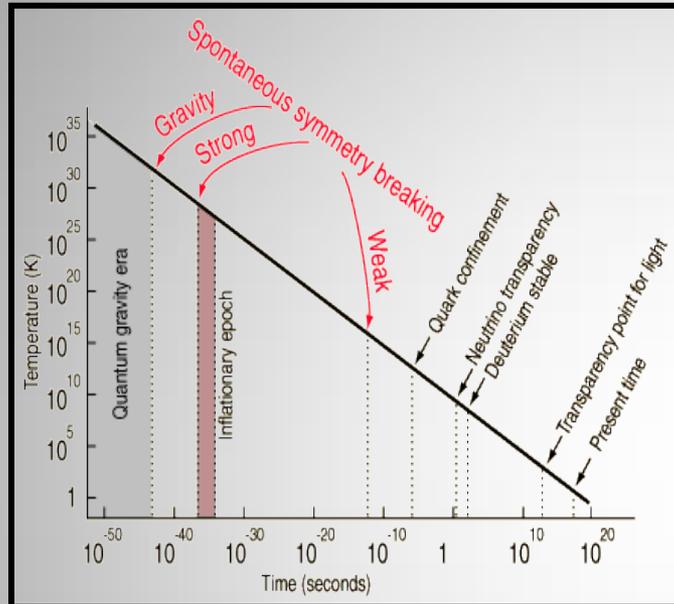
Major Accomplishment and Events of Top Quark

Accelerator	Colliding Particles	Total Energy	Major Accomplishment
Stanford Linear Collider (SLC) in Palo Alto	electron, positron	100 GeV	provided first look at Z^0
Large Electron Positron Collider (CERN-LEP) in Geneva	electron, positron	200 GeV	discovered Z^0 , W in 1983; shut down in 2002
Relativistic Heavy Ion Collider (BNL-RHIC) in Brookhaven	heavy ions	200 GeV	created quark-gluon plasma (Mini Big Bang)
Tevatron (FNAL) in Chicago	proton, antiproton	2 TeV	confirmed Z^0 , W, discovered top quark
Large Hadron Collider (CERN-LHC) in Geneva	proton-proton; ion-ion	14 TeV	planned for 2008 - LEP replacement



Force	Electromagnetism	Gravity	Strong Nuclear	Weak Nuclear
Number of Bosons	1	1	1	3
Bosons	Photon	Graviton**	Gluon	W^+, W^-, Z^0
Boson Mass*	0	0	0	80
Boson Charge	0	0	0	$\pm 1, 0$
Acts on	Anything With Charge	Anything With Mass	Anything With Colour	Left Handed particle or Right Handed anti-particle with Flavour

The Unification



The Typical Model of the “Big Bang” expansion of the Universe, with the spontaneous symmetry breaking of the forces of Nature

According to the Standard Model; the Electromagnetic Force and the Weak Nuclear Force are the same at energies higher than 100 GeV or 10^{15} K. (Note that: At the core of the sun, the temperature is about 15 million Kelvin , i.e. 1.5×10^7 K).

The Phase Theory Unifies the Forces of Nature at Room Temperature.

One Final Question; Do we need the Unification to know the Objectives of our Creation? The answer is YES. In fact, the unification is a feature of our creation. In addition, it is an essential part of the scientific religion, and the scientific religion will lead us to the objectives of our creation and the true path of salvation.

According to the Standard Model, Symmetry is no longer a beauty but a perfect Chaos!

The Equation of the Theory Of Everything (the TOE)

To Finish Einstein's Unfinished Symphony, Particle Physics should be treated as a space-time Manifold

Nobody on Earth can solve the equations that I and my colleagues have written down. However when someone does solve the theory completely we should find our universe as one of the solutions of this theory. So once we solve the theory by pure thought we should be able to compare it with the subatomic particles we see in nature and the game is over. At that point it's finished.

We believe that: The nature of existence, the nature of reality, the secret of the universe should be expressed in an equation one inch long, which summarizes all the physical knowledge of the universe...

We simply take the unified field theory to create a life boat that will create a bubble, a baby universe on our dying universe, and just a life boat will leave the mother ship to go perhaps to another universe. So in some sense perhaps the unified theory may be the salvation of all intelligent life in the universe which does not have to die when the universe dies... Michio Kaku (A Naive Concept)



Michio Kaku

Physicists believe that, it is a common mistake to try and explain both gravity and electromagnetism using a single medium. Any attempts to do so have foundered on the grounds of inability to account for why gravity is mutually attractive and why electromagnetism is mutually repulsive.

This problem, as we'll see soon, will easily be solved on the basis of a unidirectional Aether flow, if we take the phase of the flow into consideration. The concept of Aether existence gives us the privilege to explain all the particle physics, as well as the interactions, in terms of the Aether motion, without the necessity to invent or to invoke the very strange notion of the massive force carriers, named, Bosons!

Angular Frequency – The Heart Beat of the Universe

Stable Particle Interactions can never Take Place at Different Frequencies

Dimensionally;

$$[h] = [J.s] = [ML^2T^2 \cdot T] = [ML^2T^1] = [I][T^{-1}]$$

Thus Planck's constant has the dimension of the Moment of Inertia multiplied by the frequency. In other words, Planck's Constant can be defined as the angular momentum of the elementary particle (the infinitesimal black hole), which describes its rotation or pulsating state. Thus, we can accept the following relation;

$$\omega = h/I$$

Where I ; is the moment of inertia of the elementary Particle.

The moment of inertia of a solid sphere of radius r about its center; $I = (3/5) mr^2$ / The mass of the electron; $m = 9.10938215 \times 10^{-31}$ Kg /The radius of the electron; $r_e = 10^{-19}/2$ m / Planck's Constant; $h = 6.62606896(33) \times 10^{-34}$ J.s . These values gives , $\omega = 4.849 \times 10^{35}$ rad/sec, and the frequency; $f = 7.718 \times 10^{34}$ Hz

By accepting the fact that, the interactions between elementary particles are taking place at the same frequency, then, we can easily derive the relation between the radii of the quarks and the electron, which will take the form:

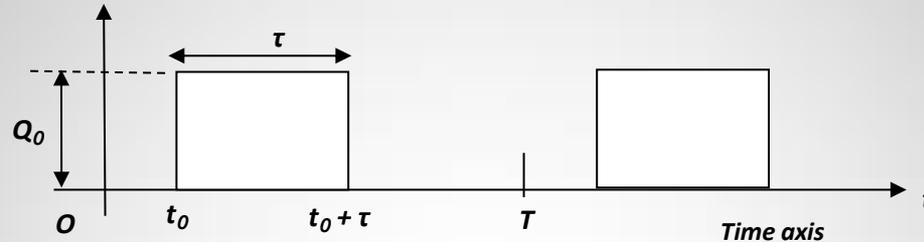
$$r_q = \sqrt{\frac{m_e}{m_q}} r_e$$

The Quantized Aether (DM) Flow

The Phase Theory towards the unification of the Forces of Nature, The Heart beat of the Universe

*IOSR Journal of Applied Physics (IOSR-JAP), e-ISSN: 2278-4861. Volume 5, Issue 5 (Jan. 2014), PP 16 - 25 ,
<http://www.iosrjournals.org/iosr-jap/papers/Vol5-issue5/C0551625.pdf>*

No Need Any More to the Concept of the Force carriers of Massive form. Re-nomenclature is required
 Force Carriers are replaced by the Oscillations of the Aether (DM) Flow between particles with different phases but with the same frequency



The Quantized Aether flow $Q(t)$, Through an Elementary Particle to another coincident Universe or universes, with Time period T , time duration τ , discharge or sink strength Q_0 , angular frequency ω and initial starting time t_0

Then the Fourier series representation of this periodic function will be given by;

$$Q(t) = \frac{\tau Q_0}{T} + \sum_{n=1}^{\infty} \frac{2Q_0}{n\pi} \sin\left(\frac{n\omega}{2}\tau\right) \cos\left[n\omega\left(t - t_0 - \frac{\tau}{2}\right)\right] \quad \text{Where, } \omega = \frac{2\pi}{T}$$

If we consider the fundamental component only $n=1$, then

$$Q_1(t) = \frac{\tau Q_0}{T} + \frac{2Q_0}{\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos\omega\left(t - t_0 - \frac{\tau}{2}\right)$$

Or in the form,

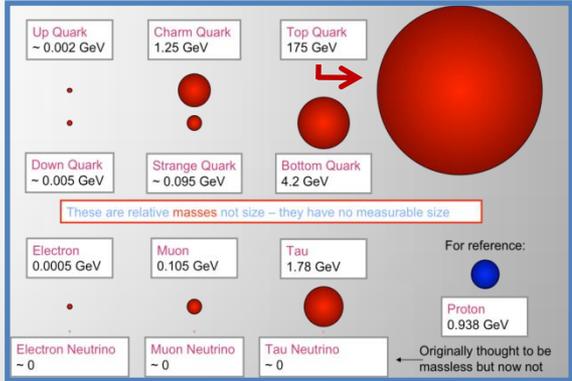
$$Q_1(t) = \frac{\tau Q_0}{T} + \frac{2Q_0}{\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t - \theta) \quad \text{Where; } \theta = \omega\left(t_0 + \frac{\tau}{2}\right)$$

Radii of Quarks versus the Electron Radius

Name	Charge	Mass (M. eV/c ²)	Radius (Meter)
<i>Electron</i>	<i>-1</i>	<i>0.511</i>	<i>$r_e = 2.8179 \times 10^{-15}$ (Classical Radius)</i>
up quark	$+2/3$	1.7–3.1	(0.5483-0.406) r_e
down quark	$-1/3$	4.1-5.7	(0.353-0.2994) r_e
charm quark	$+2/3$	1,340–1,180	(0.0195-0.0208) r_e
strange quark	$-1/3$	130-80	(0.0627-0.0533) r_e
top quark	$+2/3$	172,900±600±900	(0.001716-0.001722) r_e (0.0017147-0.0017236) r_e
bottom quark	$-1/3$	4,370–4,130	(0.0108-0.0111) r_e

A typical figure shows, the current quark masses for all 6 flavors in comparison, as balls of proportional volumes. According to the present theory, the radii of quarks are inversely proportional to the square root of their masses, which shows that , the radius of the top quark is about 0.0017 of the electron radius.

$$r_q = \sqrt{\frac{m_e}{m_q}} r_e$$



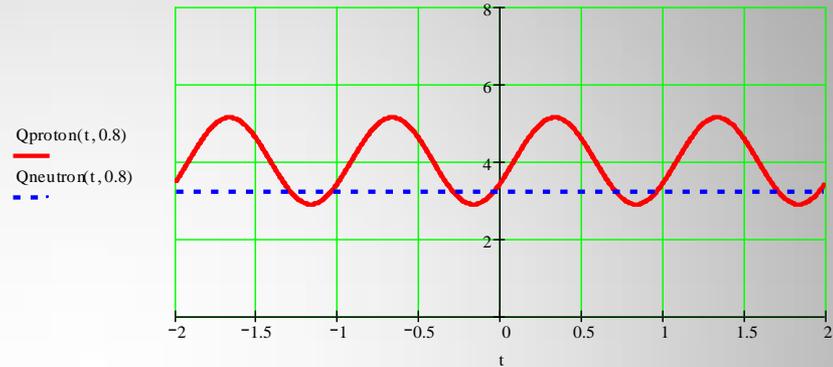
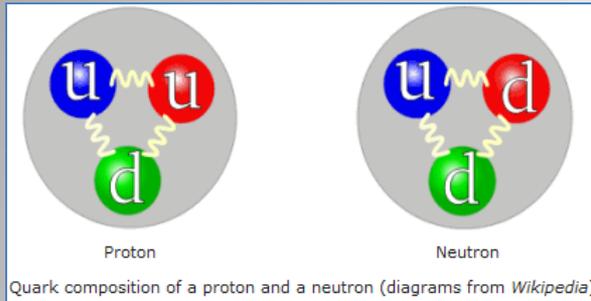
The Big Bang Equation

$$r_q = \frac{U}{\sqrt{m_q}}$$

This equation is directly followed from the previous equation, where U can be defined as a universal constant, given by $U = \sqrt{m_e} r_e$. Where m_e and r_e are the mass and the radius of the electron. Clearly; when $m_q = \infty$, the energy will be infinite and $r_q = 0$, the curvature will be infinite as well as the temperature will be infinite as ($T \sim eV/k_B$), where k_B is Boltzmann constant, which is the singular point of the beginning of the time of the Big Bang theory.

God's Choice, Quarks are the direct consequence of the Phase theory

Mass and Quarks are Direct Consequences of the Phase Theory



The figure Shows the fundamental component of the quantized Aether Flow Rate, for both the Proton and the Neutron. The straight line represents a constant flow rate, i.e. No Pulsation, which means that the neutron has no charge.

In the previous slide, we have limited ourselves to the values of $\tau = 0.8$ and $t_0 = 0.25$, which are not the only choice of nature. The relation between τ and t_0 for constant value of θ is a straight line relation, which means that we have infinite choices of τ and t_0 .

Thus, if we leave the choice to the nature itself, such that the combined effect and t_0 yields the known charges of the different quarks, then the expression of the proton and the neutron are simply the total sum of the rate flow of Aether through their corresponding quarks, and taking into consideration the corresponding phases.

In this case θ equals $(2\pi/3, 2\pi/3 \text{ and } -\pi/3)$ for Proton and θ equals $(-\pi/3, -\pi/3 \text{ and } 2\pi/3)$ for the Neutron. Then the expressions of both proton and neutron will take the forms;

$$\begin{aligned}
 Q_{\text{proton}}(t, \tau) = & \frac{2\tau Q_0}{3T} + \frac{4Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t - 2\pi/3) + \\
 & + \frac{2\tau Q_0}{3T} + \frac{4Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t - 2\pi/3) + \\
 & + \frac{\tau Q_0}{3T} + \frac{2Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t + \pi/3)
 \end{aligned}$$

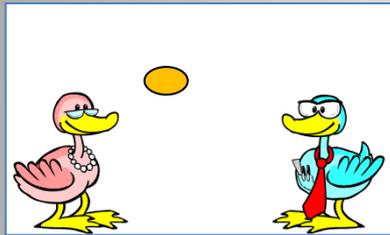
$$\begin{aligned}
 Q_{\text{neutron}}(t, \tau) = & \frac{2\tau Q_0}{3T} + \frac{4Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t + \pi/3) + \\
 & + \frac{2\tau Q_0}{3T} + \frac{4Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t + \pi/3) + \\
 & + \frac{\tau Q_0}{3T} + \frac{2Q_0}{3\pi} \sin\left(\frac{\omega\tau}{2}\right) \cos(\omega t - 2\pi/3)
 \end{aligned}$$

CERN's Interpretation of the Force Carriers and Mass

"I think it is safe to say that no one understands Quantum Mechanics." ---- Richard Feynman

CERN gives an interpretation to the force carriers by an animation in the form of two wild Ducks (Phyllis and Mallard) exchange an egg to show, how messenger particles (Bosons) carry interactions between particles of matter. In this animation, the two wild ducks are matter particles, **and the egg is the messenger particle that forcing Phyllis and Mallard to stay close together.**

<http://www.physicsmasterclasses.org/exercises/keyhole/en/theory/main-6.html>



And CERN's interpretation of the mass is much worse than the interpretation of the force carriers. CERN says that ; Imagine that a cocktail party full of physicists chattering quietly is like space filled with the Higgs field. At some point, Peter Higgs walks in, creating a disturbance as he moves across the room and attracting a cluster of admirers with each step. Before walking into the room, Professor Higgs was able to move about freely. But after entering the room full of physicists, his speed has been reduced. The cluster of admirers has made it harder for him to move around; in other words, he acquires mass. This is analogous to a massless particle acquiring mass by interacting with the Higgs field. Although this representation interpret the mass of Higgs boson, but it doesn't fit with the mass of the particle itself. Compare this with the drag force effect given in the new theories of the Author (see slides 33-35). Two questions left; Is this Higgs Boson the Higgs Boson of the Standard Model? Is Higgs field, in essence, a correct concept? **Only time and more data will reveal whether it is only a single pure Standard Model or there is exciting new physics ahead to study.**

<http://www.particleadventure.org/what-is-the-mechanism-giving-mass-to-fundamental-particles-1.html>

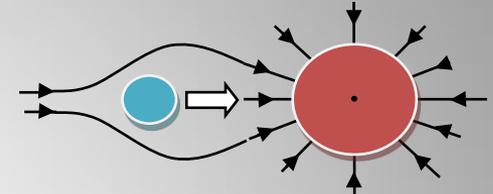
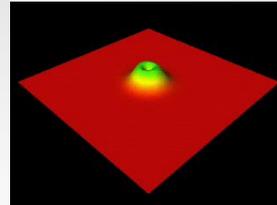
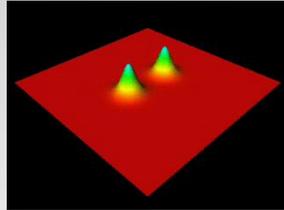
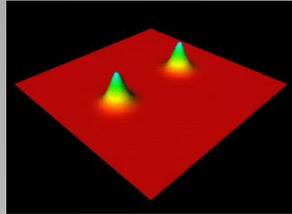


The Strong and the Weak interactions, the Problem of Range

according to the **"Standard Model"**, the range of the **strong nuclear force** is ($10^{-15} m$), which means that the range of the strong force exceeds that of the weak force by over (1000) times longer. However, the weak force is capable to destroy the nuclei (by disintegration) of the atom, although it is within the range of the strong force, and its magnitude is less than the magnitude of the strong force by a factor equals 10^{-13} , as shown in this table. Does it make sense?

Interaction	Mediators	Relative strength	Range
Strong	Gluons	10^{38}	10^{-15}
Electromagnetic	Photons	10^{36}	∞
Weak	W and Z bosons	10^{25}	10^{-18}
Gravitation	Graviton	1	∞

Aether Mechanism, Forces of Interactions and Antiparticles



Aether Drag Force between two Elementary particles at the same frequency but with different phase angles

Recalling the above results, it is easy to solve the mysterious of the fundamental interactions of Nature, and completes ***Einstein's Unfinished Symphony, by treating Particle Physics as a Space-time Manifold***, by adopting a unidirectional Aether flow through the pulsating elementary particles, could be to other universe or universes, constitutes all types of fundamental interactions. Each elementary particle is an infinitesimal black hole pulsates (open & close **OR** partially open & partially close **OR** widening & narrowing) by a certain frequency, and each particle is characterized by its unique phase difference for each type of interaction but it has the same frequency, where the principle of superposition will play the decisive role.

The forces of attraction and repulsion are completely defined by cosine the phase difference (the Power Factor) between the pulsating quantities. Strong interactions arise when the distance between similar particles becomes (extremely) shorter than the electron radius. Similar particles are, then, combined together and work as one **binary or multiple system** having the same phase and frequency. Weak interaction arises due the aggregate of the binary or multiple systems make the separating distance of each system is unstable.

Antiparticles

Antiparticles can easily be interpreted as a particle with a phase shift equals π (or in general $> \pi/2$) with respect to the phase of its corresponding (or associated) particle. This, of course, include the anti-gravity particle (if it exists!) and the Negative Mass. Thus, particles and antiparticles are completely defined by their phase differences. Of course it is evident that, when two sine waves, having a phase difference equals π meet together, they will annihilate each other.

The Equation of the Theory of Every Thing (The TOE)

Is it a one inch long equation, or an infinitely long equation?

Does this equation enable us to read the Mind of God? *Certainly; NOT!*

As seen from the previous analyses, each elementary particle is characterized by its **four specific parameters** Q_0, T, ω and ϑ (τ and t_0 are treated as one parameter). If n is the number of independent particles (the fundamental building blocks) of Nature, then the total number of parameters corresponding to these n particles will be $4n$. More generally, let us consider the equation of the (TOE) be in the form;

$$F(t, x, y, z, C_{11}, C_{12}, C_{13}, C_{14}, \dots, C_{n1}, C_{n2}, C_{n3}, C_{n4}) = 0$$

Differentiate this equation successively $4n$ times with respect to t , then we get;

$$\left(\frac{\partial}{\partial t} + \frac{\partial x}{\partial t} \frac{\partial}{\partial x} + \frac{\partial y}{\partial t} \frac{\partial}{\partial y} + \frac{\partial z}{\partial t} \frac{\partial}{\partial z}\right)^1 F = 0$$

$$\left(\frac{\partial}{\partial t} + \frac{\partial x}{\partial t} \frac{\partial}{\partial x} + \frac{\partial y}{\partial t} \frac{\partial}{\partial y} + \frac{\partial z}{\partial t} \frac{\partial}{\partial z}\right)^2 F = 0$$

.....
.....

$$\left(\frac{\partial}{\partial t} + \frac{\partial x}{\partial t} \frac{\partial}{\partial x} + \frac{\partial y}{\partial t} \frac{\partial}{\partial y} + \frac{\partial z}{\partial t} \frac{\partial}{\partial z}\right)^{4n} F = 0$$

This system of equations can be solved, in principle, for the C's. When substituting the values of ***the 4n C's parameters*** into the above equation, then we get a single equation between the variables which is the Super Unified Field Theorem, which takes the form;

$$\varphi(t, x, y, z, \partial'_x, \partial'_y, \partial'_z, \dots, \partial_x^{4n}, \partial_y^{4n}, \partial_z^{4n}) = 0$$

Note that; if the number n of the independent particles (i.e. the number of the fundamental building blocks) is infinite, then the length of the differential equation of the (TOE) will be infinite, as the number of its terms is **greater than $(4n+1)$** , and not one inch long as Michio Kaku and his colleagues believe! Also, the order of the PDE will be infinite.

This system of equations not only valid for the known elementary particles, but also valid for **any number of sub- sub- ... substructures of the known elementary particles.** It also valid for one level higher than the known elementary particles, i.e. it is still valid at the level of proton, neutron and electron as fundamental building blocks.

Is Quantum Physics Providing Us by Enough Proofs For God's Existence? (Much More is unknown than is known)

Quantum Physics provides us by three types of proofs for God's Existence.

The First Type: The Observer Effect (The act of a conscious observer creates the existence of the physical object). See slide # 19.

(The Universe continue to exist as it does, provided that it continues to exist into God's Consciousness). The observer effect in quantum mechanics indicates that the quantum wavefunction collapses when an observation is made by an observer . Under this interpretation, this means that there must be an observer (conscious observation) in place from the beginning of time. This proves the need for God's existence, so that his act of observing the universe would bring it into being, i.e. into the form of the expanding Universe. (See: Double Slit Experiment). This Type of proof stated in the Qur'an in the following verses:

(Qur'an 2: 255), (Qur'an 35: 41), (Qur'an 51: 47), (Qur'an 67: 19), (Qur'an 112: 2)

The Second Type: The Postulate Concept Subjected to the Verifiability Principle:

Now; so long as we accept the theories of the contemporary physics, based on just one or two postulates, of course, after their verification and their validity has been endorsed by experiments and measurements, it would be very strange, to reject the Glorious Qur'an, although it contains hundreds (in fact; uncountable numbers) of scientific postulates , in all fields of science including cloning and genetic engineering, subjected to the verifiability principle, i.e. proven correct through laboratory experiments and cosmic and astronomical measurements.

The Third Type: Dark Energy (God's Continuous Action): “ With power did We construct the Universe (Heaven). Verily, We are expanding (steadily increasing) the vastness of space thereof ” [Qur'an 51: 47]. (see slide 18, Postulate 2, and slide # 36). “.. .. O' Mankind you have been given a little knowledge”. [Qur'an 17: 85]

وَالسَّمَاءَ بَنَيْنَاهَا بِأَيْدٍ وَإِنَّا لَمُوسِعُونَ [القرآن المجيد 51 : 47]
(القرآن المجيد 17 : 85) وَيَسْأَلُونَكَ عَنِ الرُّوحِ قُلِ الرُّوحُ مِنْ أَمْرِ رَبِّي وَمَا أُوتِيتُمْ مِنَ الْعِلْمِ إِلَّا قَلِيلًا [القرآن المجيد 17 : 85]

Part III

Religion

Paradigm Shift in the Religious Model

Superstitious and Pagan Religions

The Scientific Religion

The Modern Testament

The Trade in Religions and the Satanic Religion

The Curse of the Willful Ignorance, The Willful Blindness and Deceiving People and Themselves



A typical fanatical person does not see, does not hear and does not discuss, as he has neither logic nor convincing argument. He always captive to his self-consciousness

In simple terms, **the willful ignorance** is the practice or act of intentional and blatant avoidance, disregard or disagreement with facts, empirical evidence and well-founded arguments because they oppose or contradict the existing personal beliefs, specially the religious belief. While the **Willful blindness** (sometimes called **ignorance of law, contrived ignorance** or **Nelsonian knowledge**) is a term used **in law (in our case, the Divine Law)** to describe a situation in which an individual seeks to avoid civil or criminal liability for a wrongful act by intentionally putting himself in a position where he will be unaware of facts **(in our case, unaware of fulfilling the objectives of his creation)** which would render him liable.

The reason behind mentioning these two types of human behaviors is simply because; there is an extremely high resistive power to recognize the “Modern Testament”. In fact, it is a battle of existence and destiny (also it is a matter of life or death) as the recognition of the “Modern Testament” will have a direct reflection on the structure of the Church (clergies will lose everything, their Authorities, their Jobs, their Money ... etc.), **and even the papacy will lose the right to exist. On the other hand,** If they believe in the correct religion and fulfill the objectives of their creation, they will get the eternal happiness. **Noting that, Christianity has neither resurrection nor reckoning and no reward nor penalty, which means that there is no objective for the creation (the Moral Nihilism)!**

The “Glorious Qur’an”/ The “Modern Testament”

can be defined as: The Ultimate word and the manual book of Mankind. It is "**The Constitution of the Existence**" where the physical vocabulary of the universes ends not only with the meaning of its words, but also to the meaning of its letters. **It contains the necessary and sufficient conditions to proof its truthfulness.** It defines the attributes of the Creator, the objectives of our Creation and the true path of salvation. **It is characterized by the freshness of the text as if it were written in today's language, although it was revealed more than fourteen centuries ago.** It is an Extremely Compact Encyclopedia with an unbounded moving knowledge adaptable to the home's knowledge and civilization of the reader and society **at all times and in all ages.** **It contains uncountable number of Scientific Postulates in an unlimited fields or areas Subjected to the “Verifiability Principle”** which can be tested and confirmed by observations, experiments and measurements.

Who is God?

The Comparison between the attributes of God in the Islamic Religion and the attributes of God in the Christian Religion.

God in the Islamic Religion (Allah)

[is the One, the Eternal, He begets not, nor was He begotten and there is none co-equal or comparable unto Him] (Qur’an 112: 1-4;)

Jesus, from the point of view of the Islamic Religion “The Modern Testament” , is one of “the five Strong will Messengers” (Noah, Abram, Moses, Jesus and Muhammad), i.e. *Jesus is a messenger of God, NOT GOD.*

He (Jesus) neither killed nor crucified, but that was done with a man who looks like him (and is likely Judas Iscariot, the betrayal). (Qur’an 4: 157)

God in the Christian Religion (Jesus)

[is A Lamb as it had been slain, having seven horns and seven eyes, which are the seven spirits of God sent forth into all the earth.] (Revelation 5:6)

Tetragrammaton

In the Bible the name of God יהוה is a fundamental and important part of the text. The term tetragrammaton (from [Greek](#) τετραγράμματον, meaning "[a word] having four letters") refers to the [name of the God of Israel](#) YHWH ([Hebrew](#): יהוה) used in the [Hebrew Bible](#). Similarly, in the Arabic language, the supreme name of God (Allah: الله) is formed from four letters. A comparison between the two shapes in Hebrew language and in Arabic language, is shown in the following two figures.



This figure shows the four letters of the Divine Name of God in the Hebrew Language before (Left) and after (Right) rotation 180°. Nobody knows exactly how to pronounce this name. This name appears in most of the churches of Europe, and even in the Vatican. The shown figure appears in "Church in Digne, Southern France".

The figure shows the four letters of the Divine Name of God (Allah) in the Arabic Language. If we eliminate letter by letter of this name, viz. (الله // لله // له // ه) The remaining letters still indicate the Divine Name (Allah), even with one letter

As an example; The following website "<http://www.divinename.no/index.html>" shows a list of places to see the Divine Name in the Norway Churches.

The Names or the Attributes of the Almighty God (Allah) in the Islamic Religion As found in the Glorious Qur'an

ALLAH Allah	AR-RAHMÂN The Most Compassionate, The Beneficent The Gracious	AR-RAHÎM The Merciful	AL-MALIK The King	AL-QUDDÛS The Most Holy	AS-SALÂM The All-Peaceful, The Bestower of peace	AL-MU'MIN The Granter of security	AL-MUHAYMIN The Protector	AL-'AZÎZ The Mighty	AL-JABBÂR The Compeller	
AL-MUTAKABBIR Supreme in Greatness, The Majestic	AL-KHÂLIQ The Creator	AL-BÂRI' The Maker	AL-MUSAWWIR The Bestower of form, The Shaper	AL-GAFFÂR The Forgiver	AL-QAHHÂR The Subduer	AL-WAHHÂB The Bestower	AR-RAZZÂQ The Provider	AL-FATTÂH The Opener, The Judge	AL-'ÂLÎM The All-Knowing	
AL-QÂBID The Withholder	AL-BÂSIT The Expander	AL-KHÂFID The Abaser	AR-RÂFI' The Exalter	AL-MU'IZZ The Bestower of honour	AL-MUDHILL The Humiliator	AS-SAMÎ' The All-Hearing	AL-BASÎR The All-Seeing	AL-HAKAM The Judge	AL-'ADL The Just, The Equitable	
AL-LATÎF The Gentle, The Knower of subtleties	AL-KHABÎR The All-Aware	AL-HALÎM The Forbearing	AL-'AZÎM The Incomparably Great	AL-GAFÛR The Forgiving	ASH-SHAKÛR The Appreciative	AL-'ALIYY The Most High	AL-KABÎR The Most Great	AL-HAFÎZ The Preserver	AL-MUGHÎTH The Sustainer	
AL-HASIB The Reckoner	AL-JALÎL The Majestic, The Revered, The Sublime	AL-KARÎM The Generous	AR-RAQÎB The Watchful	AL-MUJÎB The Responsive	AL-WÂSI' The All-Encompassing, The All-Embracing	AL-HAKÎM The Wise	AL-WADÛD The Loving One	AL-MAJÎD The Most Glorious	AL-BÂ'ITH The Resurrector	
ASH-SHAHÎD The Witness	AL-HAQQ The Truth	AL-WAKÎL The Ultimate Trustee, The Disposer of Affairs	The 99 names of Allah				AL-QAWIYY The Most Strong	AL-MATÎN The Firm One, The Authoritative	AL-WALIYY The Protector	
AL-HAMÎD The All-Praised The Praiseworthy	AL-MUHSÎ The Reckoner	AL-MUBDI' The Originator	The 99 names of Allah				AL-MU'ID The Restorer to life	AL-MUHYÎ The Giver of life	AL-MUMÎT The Causer of death	
AL-HAYY The Ever-Living	AL-QAYYÛM The Self-Existing by Whom all subsist	AL-WÂJID The Self-Sufficient, The All-Perceiving	AL-MÂJID The Glorified	AL-WÂHID The One	AS-SAMAD The Eternally Besought	AL-QÂDIR The Omnipotent, The Able	AL-MUGTADIR The Powerful	AL-MUGADDIM The Expediter		
AL-MU'AKKHIR The Delayer	AL-AWWAL The First	AL-ÂKHIR The Last	AZ-ZÂHIR The Manifest	AL-BÂTIN The Hidden	AL-WÂLÎ The Governor, The Protector	AL-MUTA'ÂLÎ The Most Exalted	AL-BARR The Benign, The Source of All-Goodness	AT-TAWWÂB The Granter and Acceptor of repentance		
AL-MUNTAQIM The Lord of Retribution, The Avenger	AL-AFUWW The Pardonor	AR-RA'ÛF The Most Kind, The Clement	MÂLIK-UL-MULK Owner of the Kingdom	DHUL JALÂL WAL IKRÂM Possessor of Majesty and Honour	AL-MUQSIT The Just, The Equitable	AL-JÂME' The Gatherer	AL-GHANIYY The All-Sufficient	AL-MUGHNÎ The Enricher		
AL-MÂNI' The Preventer of harm	AD-DÂRR The Afflicter	AN-NÂFI' The Benefiter	AN-NÛR The Light	AL-HÂDÎ The Guide	AL-BADÎ' The Originator	AL-BÂQÎ The Everlasting	AL-WÂRITH The Ultimate Inheritor	AR-RASHÎD The Guide	AS-SABÛR The Patient One	

<http://quotesofislam.blogspot.com>

Allah! there is no god but He! To Him belong the Most Beautiful Names. (Qur'an 20:8)

Note: these names come into the Qur'an into more than one verse, so it is too difficult to write down the chapter (the Surah) and the number of each verse that contains each name. For example the name of "ALLAH" comes in 2554 positions into the Qur'an.

The Names or the Attributes of the Almighty God in the Jewish and Christian Creeds, As found in the Holy Bible (KJV)

#	Arabic	Transliteration	Name in Bible	Bible usage
<u>1</u>	المسيح	Messeeh	Jesus Christ	Mathew 1:1, 1:18, ..
<u>2</u>	الرب	El-Rab	The Lord	Genesis 2:4, 5, .. Mathew 1:22, ..
<u>3</u>	ابن الإنسان	Ibn-El-Insan	Son of Man	Mathew 8:20, 9:6, 10:23/ .. etc.
<u>4</u>	المخلص	El-Mokhalles	the Savior	Isaiah 45:15/ 2Peter 1:1/ 2Peter 2:20
<u>5</u>	ابن داود	Ibn-Dawood	Son of David	Mathew 8:20, 9:27, 20:31, ../ etc.
<u>6</u>	ابن الله	Ibn Allah	Son of God	Mathew 14:33, 16:16/ Luke 1:1, .. etc.
<u>7</u>	الألف والياء	Alef and Ya'a	Alpha and Omega	Rev. 1:8,11/ 21:6/ 22:13
<u>8</u>	الخروف	kharoof	A Lamb as it had been slain, having seven horns and seven eyes, which are the seven spirits of God sent forth into all the earth.	Rev. 5:6
<u>9</u>	النبي	Na'by	A Prophet	John 6:14, 7:40
<u>10</u>	العث	Eth	A Moth	HOSEA. 5:12
<u>11</u>	السوس	Soos	Rottenness	HOSEA. 5:12
<u>12</u>	الأسد	Asad	A Lion	HOSEA. 5:14
<u>13</u>	شبل الأسد	Sheble	A Young Lion	HOSEA. 5:14
<u>14</u>	نمر	Nimr	A Leopard	HOSEA 13:7
<u>15</u>	الدب	Dop	A Bear	HOSEA 13:8
<u>16</u>	وحش كالأسد	Asad	A Beast like a Lion with six wings and full of Eyes*	Rev 4:7-8
<u>17</u>	وحش كالعجل	Egle	A Beast like a Calf with six wings and full of Eyes*	Rev 4:7-8
<u>18</u>	وحش كوجه إنسان	Wagh Insan	A Beast with six wings and full of Eyes has a face as a Man*	Rev 4:7-8
<u>19</u>	وحش كنسر طائر	Nesr Ta'er	A Beast like a Flying Eagle with six wings and full of Eyes *	Rev 4:7-8

* These attributes are according to the interpretation of; " The Applied Interpretation of the Holy Bible " "التفسير التطبيقي للكتاب المقدس", Page 2766. These 4 beasts represent God's attributes, which guards' Him-Self from the Satanic Attack. Copyright © 997 by International Bible society; 1998 Second print 20,000; ISBN 1-56320-028-7; Printed in Great Britain.

Behold, the Lamb of God

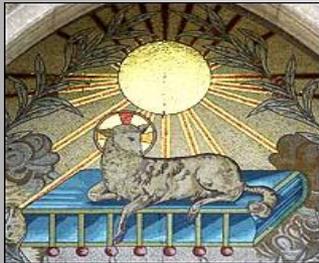
A JesusWalk® Bible Study



<http://www.jesuswalk.com/lamb/lamb-agnus-dei-artwork.htm>

Pictorial Representation of Jesus Christ, the GOD of the Christian Religion The Horned Slain Lamb

It is too easy to prove the pagan and myth of Judaism and Christianity, but it is too difficult to make their people listen to the proof, and there is no any contradiction between the existence of the truth, and the freedom to believe in the falsehood.
[There is no compulsion in religion..] (Quran 2: 256) / [And say: "The truth is from your Lord." Then whoever wills, let him believe, and whoever wills, let him disbelieve..] (Quran 18: 29)



Ontario, Canada, church doorway, Behold the Lamb of God.
San Vitale, Ravenna (OHIO) (begun 532, consecrated 547 A.D).



Francisco de Zurbarán (1598-1664), "Agnus Dei" (1635-40) , **Madrid.**



The Christian GOD: is A Lamb as it had been slain, having seven horns and seven eyes
Revelation 5:6

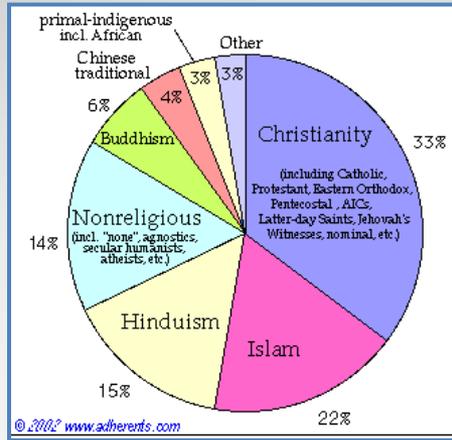
Why mankind delayed all this time, so far, to make a decisive judgment about the meaning of the religious case?!

- 1. The presence of the religious instinct, and the instinct of realizing God's existence (hard-wired into the brain). Thus people are programmed to Worship and realize God's Existence, see slide # 10.***
- 2. Introducing "The Replacement theory" : "Where the Fetish (or the idol) occupies the same allocated space of the real God in the human brain/mind or the human psyche", see slide # 10.***
- 3. Introducing "The Containment theory" : "Religion contains some kinds of religious rituals and few moralities".***
- 4. The mental rejection of the arbitration in the religious case and text (Fanatical People).***
- 5. The domination and the control of Clergies on the followers, since their childhood. This is carried out by doing organized brainwashing operations, to imprison the followers inside the walls of the church or the temple.***
- 6. The Trade by Religion (Like the trade by science) not searching or looking for the truth!!!***

World Religions - Superstitious and Pagan Religions



The plethora of Gods of Hindus



Religious Adherents



Christianity: the battle of Armageddon to destroy our civilizations (the Apocalypse), as a condition for the second coming of Jesus Christ, will start, first, between GOD (Jesus) and the Red Dragon and the Beast. (Rev 12 : 3, 13: 1-2)

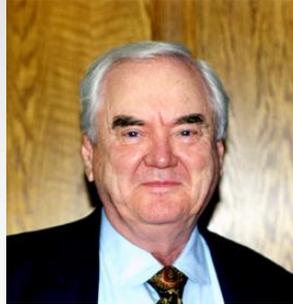


The many avatars of Vishnu. Vishnu is the Vedic Supreme God (including his different avatars) in Hinduism.

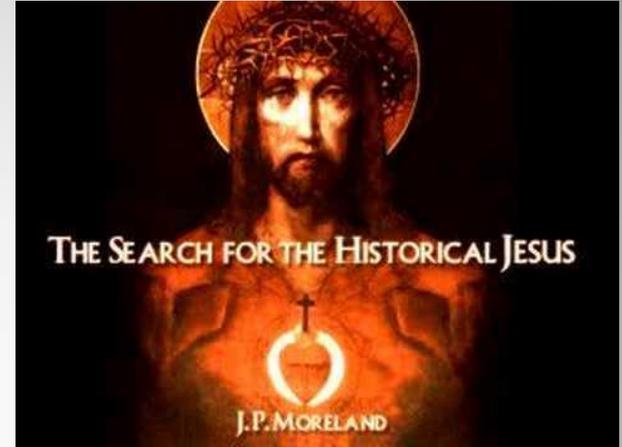


THE WESTERN CONFUCIAN
THE Three traditional Chinese religions are Buddhism, Taoism and Confucianism. They are ethical and philosophical systems carrying the names of their Founders. These are non-God religions, which contradict the form of our nature and instincts (or our form of creation, see slide # 10).

Jesus Seminar



Robert Walter Funk
1926-2005
The Founder of Jesus
Seminar



The **Jesus Seminar** is a group of about 150 critical scholars and laymen **founded in 1985 by Robert Funk** under the auspices of the Westar Institute (**Willamette University**). The scholars attending attempt to reconstruct the life of the historical Jesus. They try to ask who he was, what he did, what he said, and what his sayings meant, using a number of tools. Their reconstruction is based on social [anthropology](#), [history](#) and textual analysis.

According to Jesus Seminar, no more than 20 percent of the Bible's sayings that were attributed to Jesus, and were uttered by him.

This means that 80% of the Christian religion is not true, nevertheless about one third of humanity still believes in this religion. How it comes? See the reasons on slide # 59.

My Miserable Experiment with Sir John Templeton Foundation

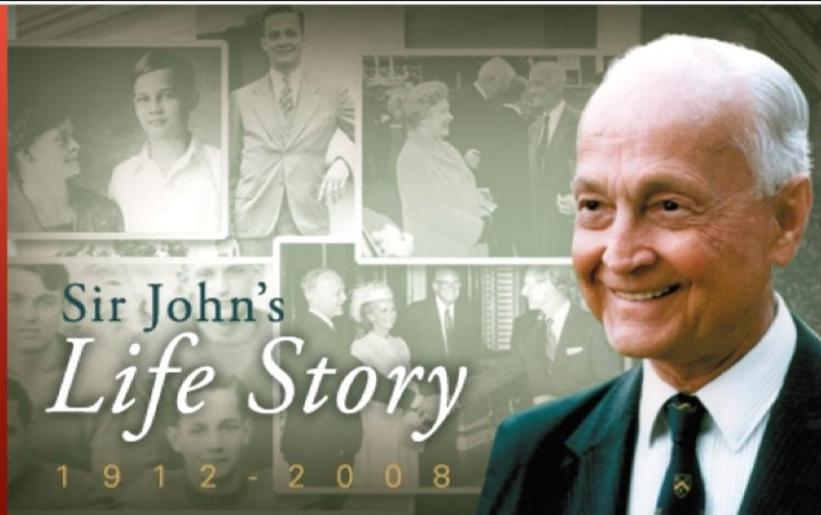
JOHN TEMPLETON FOUNDATION

SUPPORTING SCIENCE- INVESTING IN THE BIG QUESTIONS

Our Founder

As a pioneer in both financial investment and philanthropy, the late Sir John Templeton spent a lifetime encouraging open-mindedness. If he had not sought new paths, he once said, "I would have been unable to attain so many goals."

Learn more >



25 JOHN TEMPLETON FOUNDATION
YEARS SUPPORTING SCIENCE- INVESTING IN THE BIG QUESTIONS

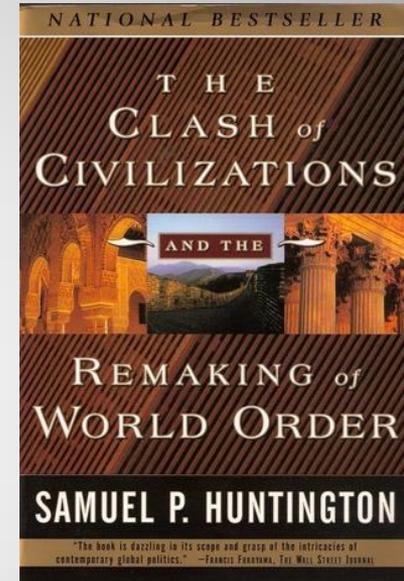
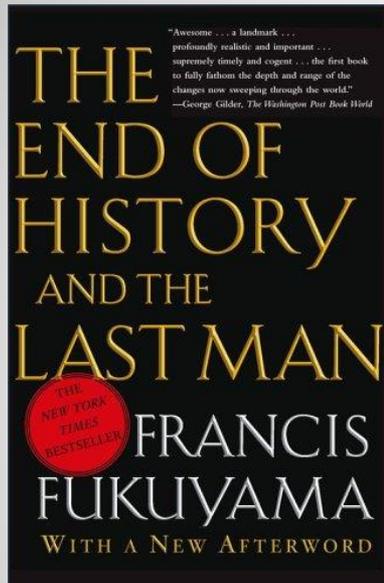
Messrs TEMPLETON FOUNDATION ..

.. So, I can say that Sir John Templeton hits the truth, and in few words, I can say – without any exaggeration - that Sir John Templeton is my spiritual twin! He spent his life to collect money to establish his Philanthropic Foundation, and I spent my life to answer all the entire questions and queries raised in his philosophy.

.....

Someday, Messrs, the absolute truth sooner or later will be revealed and appeared very clearly, and at that day, people will know exactly that you were cheating and deceiving them as well as you were deceiving yourselves too!
And you are trading in Religion and not searching for the truth !!! M.E. Isma'eel

The End of History



In few words, Francis Fukuyama says that American civilization is the civilization that will prevail at the end of history. Also Samuel P. Huntington says that one of civilizations (He meant the Christian civilization) should destroy other civilizations (He meant the Islamic civilization) to prevail at the end of history. Thus, Huntington get blind and not seeing that the two world wars I and II had occurred in the same Christian civilization and the Islamic civilization had nothing to do in these two wars (**Or in Arabic dictum: had neither a female-camel nor a camel in these two wars!**).



CONCLUSIONS

This Book, together with the Author's Five Basic Papers (slides # 31 - 39 and # 47), introduces the following new concepts

- 1. The Aether existence. In other words; The second coming of Aether with New Names; "Dark Matter", "Higgs Field" OR best fit: "Higgs Matter" !!! This gives The direct evidence of the existence of the dark matter and its fluid nature.**
- 2. The Solution of the riddle of the gravitational field and waves, through the DM Existence.**
- 3. It unifies all the Forces of Nature, at room temperature, through the Phase Theory.**
- 4. The Solution of the proposed model of the Super Unified Field Theory (the TOE), and gives its formal equation.**
- 5. It finishes "Einstein's Unfinished Symphony" .**
- 6. It introduces the link between Physics and Religion.**
- 7. It Merges Physics into the Scientific Religion (the Modern Testament).**
- 8. It gives the solid proof of God's Existence, and hence the objective of our creation, which is the topic beyond the "TOE".**
- 9. It defines very clearly the true path of salvation, which leads mankind to fulfill the objectives of their creation.**
- 10. It defines very clearly the true path for the eternal happiness.**
- 11. It proposes the experiments which confirm the theories presented in this book.**
- 12. It gives The Paradigm shift in religion, philosophy, physics and human thought, which leads to spread peace on Earth.**

What after?

The answer is simply "the True Faith through the True Path"

Is Science for Science OR Science for Salvation? The answer is simply "Science for Salvation".

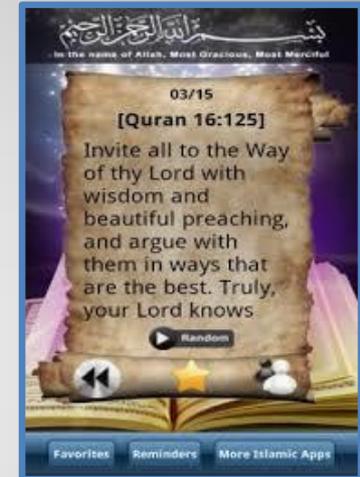
[.. Say: "Are those who know equal to those who know not?" It is only men of understanding who will remember] (Quran 39: 9)

27 But those mine enemies, which would not that I should reign over them, bring hither, and slay them before me.

Luke 19:27 (KJV)

What after all these researches? The answer is simply "the Faith". In the sense that researches should lead to know the GOD (the Almighty Creator) and in turn to know the objective of our creation and the true path of salvation. **This is simply "the Absolute Truth"**. In fact; we are programmed (**hard-wired**) to search for the absolute truth, through science (**see the box below**). And after reaching the Absolute Truth, we have to fulfill the requirements of the objectives of our creation, which can be simply summarized into the two main points:

1. [.. **We worship none but Allah**, and that we associate no partners with Him, and that none of us shall take others as lords besides Allah..] (Qur'an 3: 64)
2. [Verily, those who believe (in Allah) and **do righteous good deeds**, for them will be Gardens under which rivers flow (Paradise). That is the great success]. (Qur'an 85: 11)



[قُلْ سِيرُوا فِي الْأَرْضِ فَانظُرُوا كَيْفَ بَدَأَ الْخُلُقَ ثُمَّ اللَّهُ يُنشِئُ النَّشْأَةَ الْآخِرَةَ إِنَّ اللَّهَ عَلَىٰ كُلِّ شَيْءٍ قَدِيرٌ] (العنكبوت 29 : 20)

[Say: "Travel in the land and see how (Allah) originated (began) creation, and then Allah will bring forth (resurrect) the creation of the Hereafter (i.e. resurrection after death). Verily, Allah has power over all things."] [Quran (the Spider) 29: 20]

[سَنُرِيهِمْ آيَاتِنَا فِي الْأَفَاقِ وَفِي أَنفُسِهِمْ حَتَّىٰ يَتَبَيَّنَ لَهُمْ أَنَّهُ الْحَقُّ أَوَلَمْ يَكْفِ بِرَبِّكَ أَنَّهُ عَلَىٰ كُلِّ شَيْءٍ شَهِيدٌ] (فصلت 41 : 53)

[We will show them (mankind) Our Signs in the horizons of the universe, and in their own-selves, until it becomes manifest to them that this (Quran) is the truth. Is it not sufficient in regard to your Lord that He is a Witness over all things?] [Quran 41: 53]

[وَأَنَّ إِلَىٰ رَبِّكَ الْمُنْتَهَىٰ] (النجم 53 : 42)

[And that to your Lord (Allah) is the End (Return of everything)] [Quran (the Star) 53: 42]

[وَقُلِ الْحَقُّ مِن رَّبِّكُمْ فَمَن شَاءَ فَلْيُؤْمِن وَمَن شَاءَ فَلْيُكْفُرْ ..] (الكهف 18 : 29)

[And say: "The truth is from your Lord." Then whosoever wills, let him believe, and whosoever wills, let him disbelieve...] (Quran 18:29)

The Kingdom of Devil or Satan (Lucifer)

Where the Illuminati and Freemasons are Attempting to Establish the Satanism all over the World

If we exclude the Islamic religion, all other religions of this world is one of the versions of the Satanic Religion. Based on this; the Islamic religion is a bulwark against the Satanic Worship. Hence, they did the events of September 11, 2001, to accuse the Muslim People by Terrorism, and consider it as an excuse to exterminate them and to end with dividing the Islamic territories into Cantons, and eliminate the Islamic Religion.



(i)



(ii)



(iii)



(iv)

Satan is the God of this world (2 Corinthians 4:4) / Satan-Devil is Lucifer (Isaiah 14:12) / (i) A typical Shape of Satan (Lucifer) / (ii) Hall of Satan in Vatican / (iii) Lucifer Worship in Vatican / (iv) Jesus Christ (the God) is the Son of Satan Lucifer, in Vatican's Prayer (taken from Videos).



(v)



(vi)



(vii)



(viii)



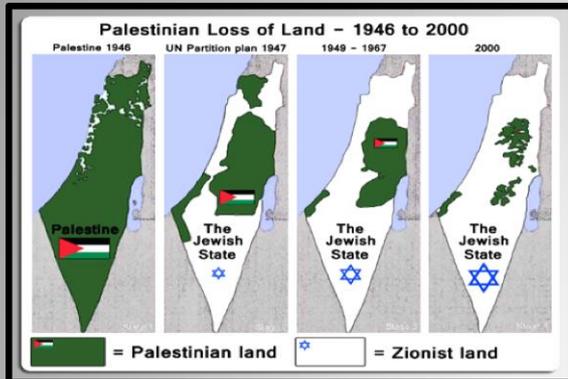
(ix)

(v), (vi) and (vii), US Presidents George W. Bush, Barack Obama and Donald Trump raise their hands by the sign of the Devil Horns, to demonstrate their allegiance to the Devil, which is a Masonic prerequisite (as they are members of the illuminati) to run for presidency of the United States! / (vii) Pope benedict XVI and (viii) Pope Francis and Manila Archbishop Luis Antonio, raise their hands by the Devil's Sign, to demonstrate their allegiance to the Devil's Worship.

[Did I not ordain for you, O Children of Adam, that you should not worship Satan. Verily, he is a plain enemy to you. (60) And that you should worship Me [Alone Islamic Monotheism, and set up not rivals, associate-gods with Me]. That is a Straight Path. (61) And indeed he (Satan) did lead astray a great multitude of you. Did you not, then, understand? (62) This is Hell which you were promised! (63) Burn therein this Day, for that you used to disbelieve. (64)] (The Glorious Qur'an: 36: 60-64)

Massacres of the Islamic Nation in Modern Times

While Moslem People are doing all their best to save the others, the others are doing all their best to perish Moslem People!
See and shed tears of blood on these massacres, and they accuse Muslims, after all that, by terrorism.



The Looted territory of Palestine by Jews



One of Hundreds of Palestine's Massacres, Sabra and Shatila massacre (3500 victims)



You know, if the United States REALLY wanted peace in Palestine, all they have to do is stop signing the checks that pay for Israel's war machine. "Every time we do something you tell me America will do this and will do that . . . I want to tell you something very clear: Don't worry about American pressure on Israel. We, the Jewish people, control America, and the Americans know it."

-- Israeli Prime Minister, Ariel Sharon, October 3, 2001.



Bosnia-Srebrenica Massacres



Myanmar Massacres



Philippine Massacres



Central Africa Massacres

Just Four Photos of Thousands of Muslim's Massacres all over the World, Not Including Syria

According to statistical analyses, the "CBN news" indicates that more than four million Muslims have been killed in conflicts in Afghanistan, Iraq, Bosnia, Chechnya and elsewhere since 1980, **as a result of accusations of US to Muslims with terrorism**, where Human Right Organizations and other Centers of Academic Studies have been confirmed the validity of these numbers.

The END

While Moslem People are doing all their best to save the others, the others are doing all their best to perish Moslem People!

The careful reading of the third part of this presentation leads directly to the vision of the conspiracy against the Islamic world to exterminate Muslims and to destroy the Islamic religion by using Muslims traitors, hypocrites, intelligence agents, fanatic disbelievers and mercenaries. This is followed directly because Islam debunks pagans and myths in other religions. See slides numbers (53) and (58).

[Never will the Jews nor the Christians be pleased with you (O Muhammad PBUH) till you follow their religion. Say: "Verily, the Guidance of Allah (i.e. Islamic Monotheism) that is the (only) Guidance.] (Quran 2: 120)

[إِنَّ الَّذِينَ كَفَرُوا يُنْفِقُونَ أَمْوَالَهُمْ لِيَصِدُّوا عَنْ سَبِيلِ اللَّهِ فَسَيَنْفِقُونَهَا ثُمَّ تَكُونُ عَلَيْهِمْ حَسْرَةً ثُمَّ يُغْلَبُونَ وَالَّذِينَ كَفَرُوا إِلَىٰ جَهَنَّمَ يُحْشَرُونَ] (الأنفال 8 : 36)

[Verily, those who disbelieve spend their wealth to hinder (men) from the Path of Allah, and so will they continue to spend it; but in the end it will become an anguish for them. Then they will be overcome. And those who disbelieve will be gathered unto Hell] (Quran 8: 36)

[وَكَذَٰلِكَ جَعَلْنَاكُمْ أُمَّةً وَسَطًا لِتَكُونُوا شُهَدَاءَ عَلَى النَّاسِ وَيَكُونَ الرَّسُولُ عَلَيْكُمْ شَهِيدًا ..] (2 : 143)

[And also (We have) made you (the Muslims) a middle nation, that you be witnesses over mankind and the Messenger (Muhammad PBUH) be a witness over you ..] (Quran 2: 143)

From the sayings of the prophet Muhammad (PBUH);

“I have been sent by Allah (God) to complete (complement) the best of moralities”

“انما بعثت لاتمم مكارم الاخلاق“