

ETHER=GRAVITY=DARK MATTER/ENERGY THEORY OF GRAVITOETHERTON  
SUPERFLUID CONTAINING EXOTIC PARTICLES WITH NEGATIVE MASS.

.I have published 18 papers in vixra.org giving a glimpse of our universe beyond standard model . The greatest puzzle today is dark matter--dark energy and mechanism of gravity. We are living on a planet which is located in a part of our universe which is under dark pull/flow from another universe giving drift from existing universe.

This has affected our observations by telescopes in the form of incorrect red shift and calculations . Our universe is expanding and accelerating but at reduced rate from our calculations.

Another factor is due to our matter universe inside an antimatter universe on opposite entropy path and reverse arrow of time creating GRAVITOETHERTON SUPERFLUID at common boundary by annihilation and injected into both the universe as explained in my balloon inside balloon theory.

The outer universe will be approaching a low entropy when disbalance will give rise to a BIG BOUNCE creating again mirror universes in recyclic and rebound theory.

This BIG BOUNCE is described by Dr.Guth in his exponential inflation. After around 400000 years, we will see CMB glow and galaxies will be forming around escaped evaporation black holes from previous era as seeds of galaxy formation. That is why we see black holes in every center of galaxy and much older than the life of our universe.

CMB glow also shows circles of the bounce and BICEP-2 also carries some foot prints.

Therefore this injection of gravitoetherton superfluid is our expanding space swirling, whirling ,flowing as CURLS AND DIVERGENT VECTORS which Einstein described as curvature of space-time.

This is what we refer as quantum foam in quantum mechanics. There is nothing like empty space in our universe but the distribution is non isotropic field density point to point in space-time .

Many exotic particles/fields constitute the SPACE FLUID where fermion graviton with mass and boson gravitons giving strong nuclear force for quarks will be detected soon.

Gravity as well as strong nuclear force both are emergent in nature and not fundamental.

Boson gravitons are having by nature strong force to glue quarks if the quarks are available.

Otherwise it just participate in expanding our universe.

That is why we see 120 order mismatch in our vacuum energy calculations.

On the otherhand , we see that as the galaxy disc is rotating , the centrifugal force throw the massive fermion gravitons away from center of galaxy giving greater concentraion at outer periphery , so that outer stars rotate defying NEWTON . So we have to write the equation as  $F=P.G.Mm/R.R$  where P is space graviton factor index.

Now we know that fermion gravitons are flowing like raindrops on earth or we may say flowing like arrows towards center of earth. Earth center is becoming very hot with molten iron for creating a magnetic dynamism

All molecules on earth are subjected by the push of massive gravitons so that apples fall and as Galileo first noted that all molecules heavy or light fall equally . That means we can say the as area of a sphere varies by  $1/R.R$  , so the force of gravity will also depend on the proximity of gravitons changing by a factor  $1/R.R$  as the concentration increases towards center.

It is obvious that for falling equally, we have to say that  $M/D.D$  of any molecule is constant at any particular height where D is diameter of any molecule and M is mass.

We have seen air bubbles change diameter as it comes out from bottom of a pond to the surface.

Some calculation suggest that fermion gravitons must be having 750 proton mass .

I do not think that fermion gravitons have negative mass as it will create mess in quantum calculations of virtual particles at quantum foam in QED and QCD.

But more discussions may clarify the matter further from renewed experiments.

The concept of time in relativity and quantum mechanics is definitely creating all our conceptions in REALITY diluted.

Our universe is ever dynamic without any absolute rest frame and as such all frames are relatively dynamic and Einstein talks of a time which is measured time varying from frame to frame. Example we can say that if our heart beat count one minute then at sea level it may be 70 but on a hill it will be say 72. As such here one minute is diluted due to less oxygen in air giving 70 or 72 beats. Therefore the concept of time is measurement time and not ABSOLUTE TIME. As such ABSOLUTE TIME IS THEORETICAL CONCEPT which NEWTON prescribed.

But all quantum processes follow absolute time but the measurement dilutes it in atomic clocks. Therefore there is no possibility of marrying quantum physics with relativistic calculations.

We have already seen how relativistic calculation in quantum physics by Dirac, Heisenberg and others created all conceptual difficulties of uncertainties but Einstein said that GOD DOES NOT PLAY DICE. Actually we do not know each and every hidden variables in each point of the universe and as such initial conditions dictating the outcome.... quantum outcome of quantum processes . But propensity of processes follow a pattern if we look at many outcomes in probabilistic theory as we also see in flipping of coins.

Though each quantum outcome is different due to changing dynamic hidden variables but we must say it follow a cause and effect in each outcome . The initial conditions are so dynamically changing in a narrow range but probailistic many outcomes can give a pattern for our understanding. Therefore Einstein is correct in saying God does not play dice.

We can not not say that GOD IS PLAYING DICE.

TIME IS GREAT CONFUSION IN MODERN PHYSICS.

The understanding of reality is our perception in this infinite universe of infinite balloon inside balloon of matter and antimatter on opposite entropy recyclic, re bounce and every epoch give a set of laws and if the laws are benign then intelligent creatures may live on a earth like planet to ponder about the universe. One most interesting phenomena is that the laws of nature has a propensity for construction which give a chance for formation of structures and creatures and life and may be that is our GOD.