## **IJCRT.ORG**

ISSN: 2320-2882



## INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

# UNIVERSE IS IN COLLAPSING PHASE AGE > 92 BILLION YEARS

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We Obtained The 1<sup>st</sup> Image Of Black Hole. Few (Two) Galaxies Without Black Matter.

Almost All Galaxies Are Having Black Matter.

Our Universe Has 85% Black Matter. Is The Universe In Collapsing Phase.

Black Hole – Primordial Black Hole Primordial Black Matter
Collapsing Universe.

### STAR OLDER THAN UNIVERSE

METHUSELAH Star (H.D 140283) is 14.3 Billion Years Old Is 190.1 light years away In Libra CONSTELLATION.

HOWARD BOND - Age of the UNIVERSE in micro wave background is 13.8 billion years.

A serious discrepancy can be explained only by relatively EXPANDING COLLAPSING UNIVERSE

## INTERESTING to find METHUSELAH at periphery of Collapsing Universe

- 13.6 Billion Light years spiral Galaxy +190.1 million Light Years Methuselah = 13.79 billions Light yrs.
- 13.8 Billion Light Years present Expansion of Universe Contracting from 92 Billion Light Years.

## Possibility of more Methuselah like stars:

- Objects with lighter matter are younger single as Methuselah star widely Scattered on Periphery of Universe.
- Collapsing Black Hole, GALAXIES throw particles Waves (Gravitational) Strings in all dimensions in COLLAPSING Universe after Post BIG BANG EXPANSION.

Beyond the present Expansion (13.8 Billion light yrs) There is the QUANTUM VACCUM Radiations (HOWKING RADIATION) and Virtual Particles (UNRUH's Effect) in 92 Billion light yrs in Relativistically COLLAPSING UNIVERSE. Circular disc (Galaxies in Concentric Circles) Piling Up and Down in Contracting Sphere with AXION. Boundary conditions stringing with shift from anti – de – sitter (Ads) to conformal field theory (CFT) springing concentrically forming Wormhole black matter black hole galaxy in 13.8 billion light years expansion.

Supermassive black holes 670 million years seemingly from Big Bang amassing 6 billion Sun Mass, Quasar Throwing all gases cold condensed Hydrogen churning Gravitating into black matter Dimension churning stringing String wormholing Informations Tachyon to other Universe.

Relative Expansion of the Universe is in +11/-11 Dimension in piling Up and Down Circular Disc of Concentric Circles Galaxies in Close Contracting Spherical Universe.

GALAXY EXPANSION in -infinite to + infinite increasing and fixed Radial distances. Schrodinger Equation may define the contracting Quantum Universe Its Particle /Galaxies in Concentric Circles disc. Discs pilings up and down.

CONCENTRIC Circles forming vague spiral wire bundles with quasar oozing high energy jets.

Superstring Supersymmetry. Supergravity Boundary Conditions are giving us the vision of the Universe in 11 dimension leaving Tachyon and other Dimensions Missing Some rather Large part of Universe Energy loosing String / Tachyon to other Universe. Creating halos around Black matter.

Expansion Of The Universe 13.8 Billion light yrs Milky way at 13.6 Billion light yrs position. Diffuse Galaxy at 13.6+0.6 = 13.66 light yr position approximately at the periphery of THE COLLAPSING UNIVERSE Fermin bleb between 13.8 and 13.66 light

#### AGE OF THE UNIVERSE 92 BILLION YRS.

Expansion Of Universe is in +11/-11 Dimensions Not in 11th Dimension allowing the Head on collisions of Galaxies And Relative Expansion of Universe possible.

Relative Expansion of Universe with +11/-11 dimension is possible in collapsing phase of Universe from +infinity to -infinity Diagonally Fixed distance or +Infinity to - infinity (Diagonally increasing distances). Thus the Mass is Accumulating Relativistically in Collapsing Universe.

Physical Structuring of The Universe Begin in The Collapsing Universe after Big-Bang Expansion followed by Collapse With Continuous Relative Expansion in +11/-11 Dimension. Collapsing Phenomenon is Universal in Natural Lab of Universe with increasing Black Matter.

Galaxy NGC 1052 DF2 is Certainly at the periphery of the collapsing Universe. It is without or few Dark matter. It is diffuse with dense collection of stars 1/400 times the GALAXY with Dark Matter is 60Million light years away from Milky Way. NGC 1052 DF2 may go like Milky Way.

In NGC 6752 back ground. Bedin 1 dwarf spheroidal Galaxy 1000 times dimmer then Milky Way is 2500 times away implies 1000 times more black matter Diameter 3000 light Yrs 1/30 of milky way 13 billion light years position. Universe is 13.8 billion year old (13.8 billion light year position).

NGC 1052 DF2, Milky Way, NGC 6752 Bedin 1 Are in Succession of their Evolution. In the collapsing Universe in Relativistically Mass accumulating Mechanism.

Diffuse Galaxy NGC 1052 DF Transform into spiral Galaxy Milky way in Maximum 60 million Years. Milky way into spheroid Galaxy in maximum 35 million years in fixed radial distances in concentric circles.

Mass is the conclusion of stringing in Resultant +11/-11 Dimensions (Gravitational Wave is the product of this) Structuring of The Universe impossible without Collapsing.

## DIFFERENT PHASES IN GALAXIES OF EVOULATION

- Scattered Stars (Methuselah like stars)
- Diffuse
- Spiral
- Spheroid

Possible in +11/-11 Dimensions.

Probability of multiple fetal Universes in a mega Mother Universe do exist. Collapsing Featus Universe giving space and energy for Big Bang of Expanding Fetus Universe in chains keeping them in Equilibrium Time/Dimensions remaining same.

Fermin Bubble is the left over real and virtual particles scattered in 25000 light years in scanty Universe around milky way plane during the formation of Galaxy colliding producing scattering neutrino protons Gama ray radiations.

Expansion of Universe 13.8 Billion Light yrs, Milky Way 13.6 Billion Light yrs Position, Diffuse Galaxy at 13.6 + 0.60=13.66 Billion Light yrs - Approximately at the periphery fermin bleb between 13.8 and 13.66 Billion Light yrs Collapsing Universe 85% black matter. SO THE 15% REMAINING AGE OF UNIVERSE IS 13.8 BILLION YRS FROM ACCELERATION COLLAPSE OF 92 BILLION YRS.

Vanishing Bright Star around 150000 observe last century may be Time Star Moving in +11/-11 dimensions at the circumference of the concentric circles of circular discs piling up and down in close contracting. Spherical Universe or At the Event Horizon of black holes these vanishing bright time stars are at fixed Radial distance.

### **SUMMARY**

Universe is the Asymmetrically symmetrical structure Deterministic but with indeterministic approach. Scattering string (Bran) in infinite dimensions in circular contracting discs. Disc piling up and down creating all Boundary conditions whirling wormholing amassing particle neutrino fermions Gama radiation Gravitational wave phonon photon star planet star system ( Solar System ) Black holes Black Matter Galaxies Colliding shrinking in size scattered stars (Methuselah) Diffuse Galaxy Spiral Galaxy Spheroidal Galaxy changing shapes with contracting Universe and relative expansion in increasing and fixed Diagonal distances in +11 / -11 Dimension presently attaining 13.8 billion light year expansion from 92 billion light years expansion in 92 billion years.

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