

**Cover Page - RESEARCH CAMPAIGN - Category – PHYSICAL SCIENCES -  
SPACE ASTROPHYSICS QUANTUM PHYSICS**

**White Paper Title - BIG-BANG-UNIVERSE, a BLACK-HOLE-SINGULARITY  
in PRE-BIG-BANG-UNIVERSE**

**Name and Address of Corresponding AUTHOR and PRESENTER**

**Principal Author Name - SANJAY Anant EKTATE**

**SANJAY EKTATE -**

**Address for Correspondance – B 801, B wing, Shaakya Vihar CHS, Sane Guruji  
Nagar, off 90 Feet Road, near ICICI Bank and SRA Bldg, MULUND ( East ),  
MUMBAI, 400081, INDIA**

**Email: [sanjay.ektate@gmail.com](mailto:sanjay.ektate@gmail.com) and [sanjay\\_ektate@hotmail.com](mailto:sanjay_ektate@hotmail.com)**

**Skype : sanjay.ektate Phone - +91-22-25639005**

**Mobile - +91-9867121517 Alt. Mobile - +91-8108134243**

**White Paper Abstract-All Research SELF DERIVED and with WIKIPEDIA  
based Open Source KNOWLEDGE base References**

**(White Paper with Detail Explanation on the following 5 Pages after Cover Page)**

**BIG-BANG-UNIVERSE, a BLACK-HOLE-SINGULARITY in PRE-BIG-  
BANG-UNIVERSE**

**Known SINGULARITIES like BIG-BANG-UNIVERSE & BLACK HOLE, must  
be similar and BIG-BANG must be a BLACK-HOLE-EVENT in PRE-BIG-  
BANG\_SPACE. New Baby Universes must be getting Created in a Black-Hole  
like Big-Bang, in a Parent Universe. Singularity creates Phase Change by  
Fragmenting Quantum Planck's Space Pixel. BIG-BANG-INFLATION in the  
EVENT HORIZON, Apparent SIGULARITY in PRE-BIG-BANG-UNIVERSE,  
where the INFLATION occurred at the SPEED of LIGHT-GRAVITIATION  
WAVES of PRE-BIG-BANG-UNIVERSE due to PHASE-CHANGE to SPACE-  
Sub-PIXEL.**

**RESEARCH CAMPAIGN - Category – PHYSICAL SCIENCES**

**White Paper Title - BIG-BANG-UNIVERSE, a BLACK-HOLE-SINGULARITY  
in PRE-BIG-BANG-UNIVERSE**

**REFERENCES --All Research SELF DERIVED and with WIKIPEDIA based  
Open Source KNOWLEDGE base References**

**(White Paper with Detail Explanation on the following 5 Pages after Cover Page)**

**Principal Author Name - SANJAY Anant EKTATE**

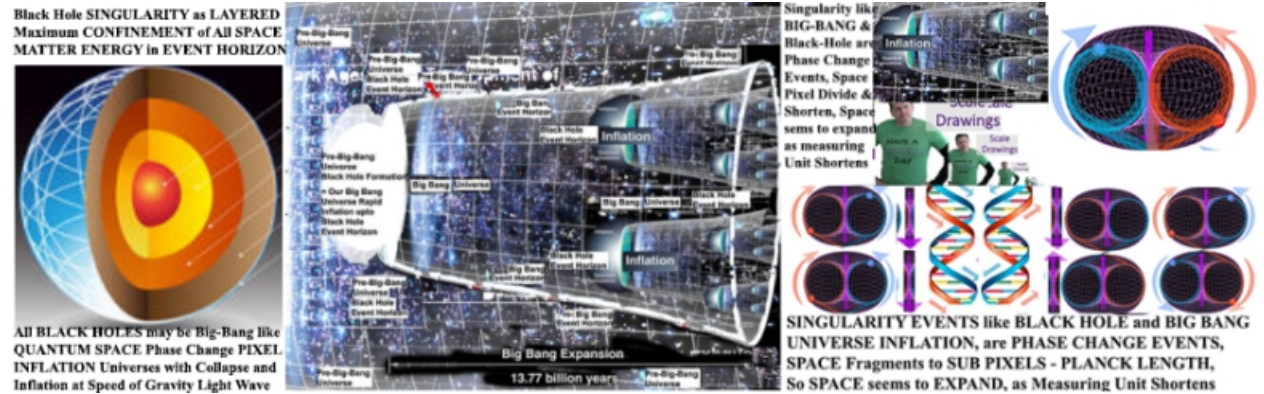
**Email: [sanjay.ektate@gmail.com](mailto:sanjay.ektate@gmail.com) and [sanjay\\_ektate@hotmail.com](mailto:sanjay_ektate@hotmail.com)**

**Skype : sanjay.ektate Phone - +91-22-25639005**

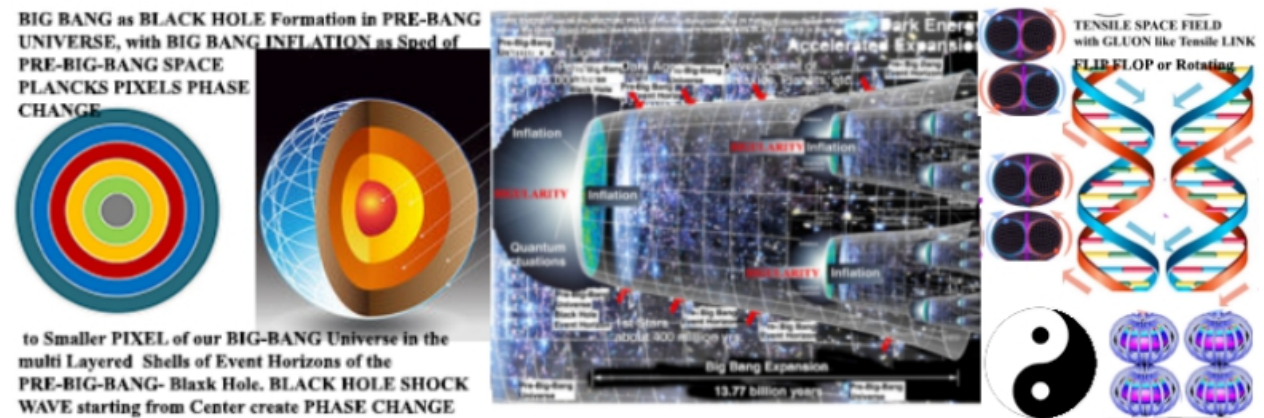
**Mobile - +91-9867121517 Alt. Mobile - +91-8108134243**

**BIG-BANG-UNIVERSE, a BLACK-HOLE in PRE-BIG-BANG-UNIVERSE**

Known SINGULARITIES like BIG-BANG-UNIVERSE & BLACK HOLE, must be similar and BIG-BANG must be a BLACK-HOLE-EVENT in PRE-BIG-BANG\_SPACE. New Baby Universes must be getting Created in a Black-Hole like Big-Bang, in a Parent Universe & that Parent Universe is a Baby Universe born in a Black-Hole like Big-Bang in a Grand Parent Universe. Singularity creates Phase Change by Fragmenting Quantum Planck's Space Pixel



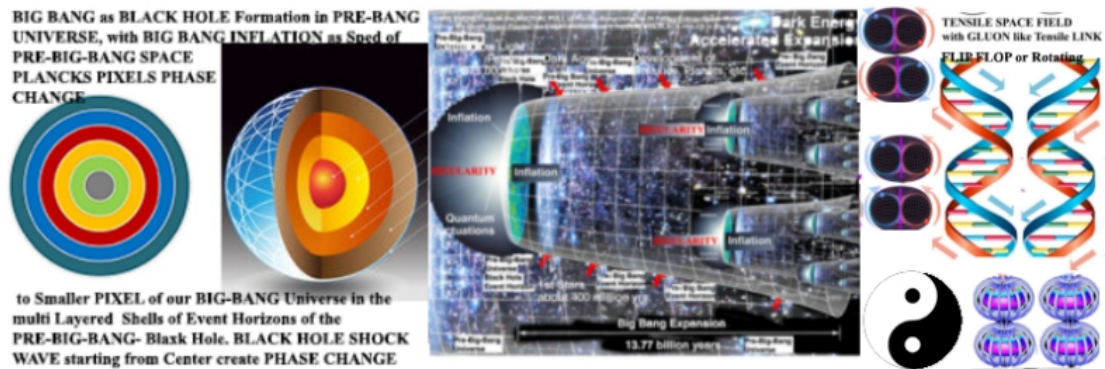
SINGULARITY Events as BIG-BANG-Beginning and BLACK-HOLE-End in the UNIVERSE happen as apparent Point Starts or End, but real SIGULARITY can NOT HAPPEN because the Directional GRAVITY and the MATTER Space creating it is DESTROYED if True Singularity Happens. BLACK-HOLE or BIG-BANG Singularities CONFINE MATTER SPACE in EVENT HORIZON.



SINGULARITY - SINGULARITY Events are QUANTUM PHASE CHANGE EVENTS, as SINGULARITY of BLACK HOLE is only Apparent Singularity of CONFINING of MATTER ENERGY as LAYERED SPACE MATTER FIELDS in the EVENT HORIZON, because of Inability of GRAVITATIONAL WAVES to travel faster than LIGHT Waves. BIG-BANG-UNIVERSE-INFLATION in the EVENT HORIZON, is also Apparent SIGULARITY in PRE-BIG-BANG-UNIVERSE QUANTUM PIXEL PHASE CHANGE.

BIG-BANG-INFLATION in the EVENT HORIZON, Apparent SIGULARITY in PRE-BIG-BANG-UNIVERSE, where the INFLATION occurred at the SPEED of LIGHT-GRAVITATION WAVES of PRE-BIG-BANG-UNIVERSE with INFLATION occurring due to PHASE-CHANGE to SPACE-Sub-PIXEL.

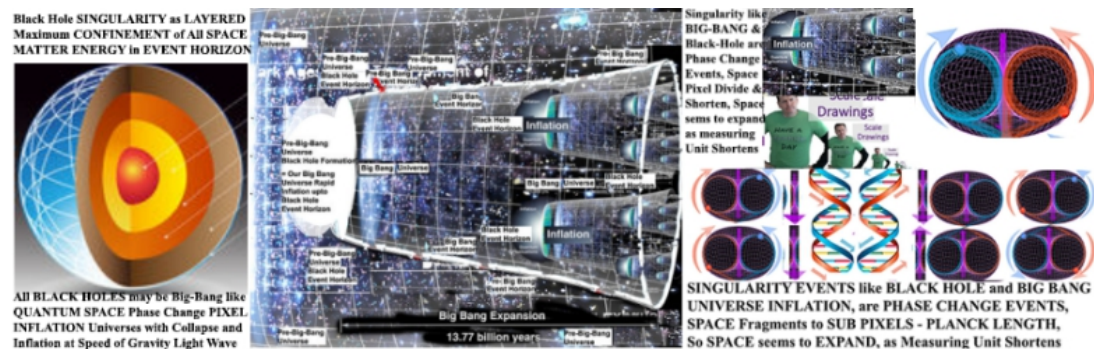
**BIG-BANG-UNIVERSE Inflation occurred at Speed of LIGHT GRAVITATION WAVES in PRE-BIG-BANG-SPACE, which must be Fixed multiples of Planck Length Constant. So we know Pre-BIG-BANG-PLANCK's Length Constants.**



**SINGULARITY COLLAPSE and INFLATION are both Apparent- For SINGULARITY to happen, MATTER SPACE has to Collapse to Point, but then the DIRECTIONAL GRAVITY Vanishes and because POINT cannot have Direction and since the GRAVITY is always DIRECTIONAL and the Trigger of SIGULARITY Event which is GRAVITY is Lost, and DIRECTIONAL ACCUMULATION of GRAVITY SPACE FIELD for True Point SINGULARITY cannot Happen. Apparent SINGULARITY, in way of CONFINING Matter Energy Space, inside EVENT HORIZON. As SINGULARITY loses SINGULARITY GRAVITATIONAL PULL the PULLED SPACE MATERIAL BOUNCES and again the SPACE becomes DIRECTIONAL, with DIRECTIONAL SPACE Gravity Fields POINTING TOWARDS EVENT HORIZON, pulling the CENTER.**

**BLACK HOLE SINGULARY COLLAPSE is related to GLUON QUANTUM SPACE FIELDS- Multiple GLUON QUANTUM SPACE FIELDS can Occupy SAME SPACE as Adjacent GLUON QUANTA RING, with each ring RESONATING and In PHASE with Adjacent GLUON QUANTA RINGS, FLIP FLOP Pulse ROTATING in Same SPACE.**

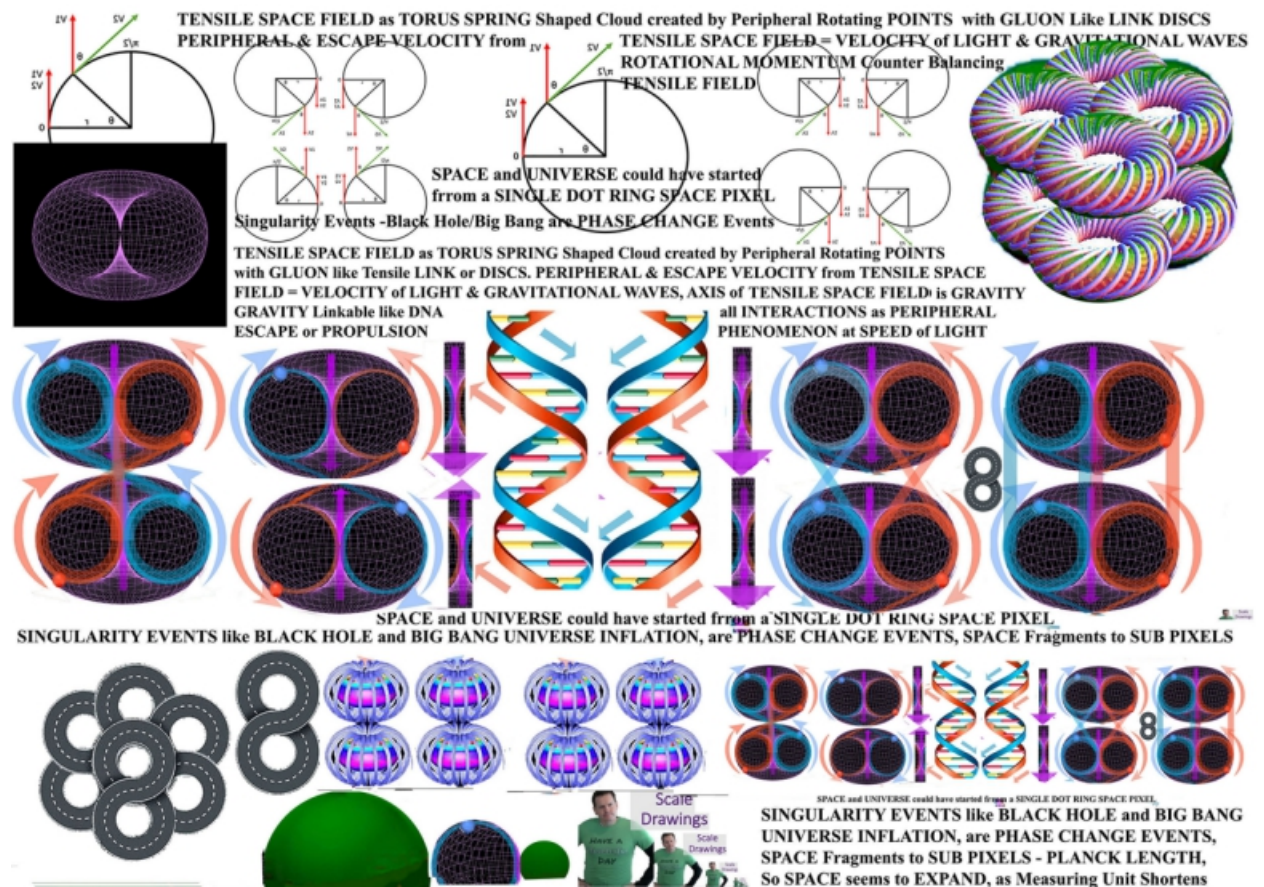
**Apparent COLLAPSE to Apparent SINGULARY as LAYERED GUON PLASMA COMPACTION from CENTER to EVENT HORIZON and the Apparent INFLATION as GLUON QUANTA PHASE CHANGE Fragmentation to SUB GLUON QUANTA occurs due to COLLAPSE SHOCK WAVE originating from the CENTER in the PRE-PHASE-SPEED of LIGHT and GRAVITY WAVE to CONVERT to Post PHASE SUB-QUANTA.**



**SPACE may have been Created by Flip-Flop-Rotating GLUON-QUANTA-SPACE-FIELD with GRAVITY as Link-able Axis, Resonantly Interacting with Adjacent GLUON-QUANTA-SPACE-FIELD with Figure of Eight Interactions.**

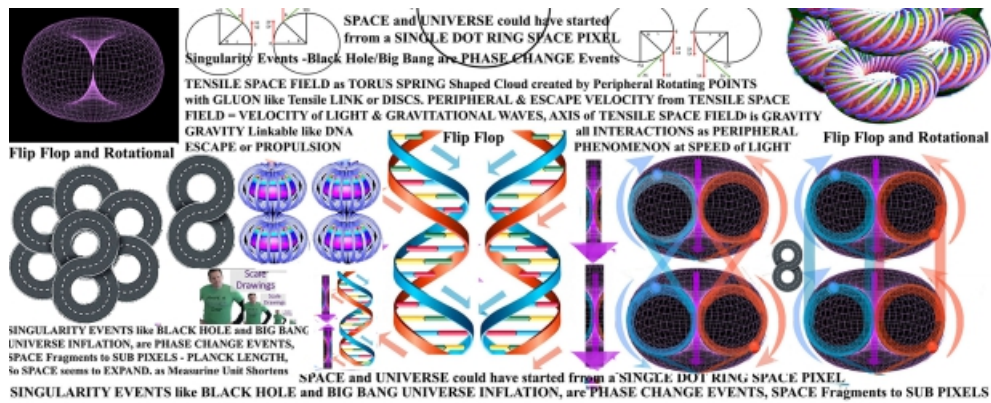
**All the existing SPACE, QUARK GLUON PLASMA and BLACKHOLE MATTER SPACE, MATTER and GRAVITY, ENERGY INTERACTIONS may have Derived from original SPACE FIELDS SPACE which may have changed from each PREVIOUS Recycled UNIVERSE, just as Iron is derived from Hydrogen Fusion in many Cycles.**

**All major INTERACTIONS and PROPAGATION of GRAVITATIONAL SPACE WAVES and ELECTROMAGNETIC WAVES, Occur at SPEED OF LIGHT because that is the PERIPHERAL ROTATIONAL VELOCITY, ESCAPE VELOCITY of GLUON QUANTUM SPACE FIELD, either as FLIP FLOP or Rotating Gear Gluon Space Fields.**



**SPACE may not exist without SPACE ENERGY FIELD can Interact with adjacent SPACE FIELDS. If Space Fields do not Interact, they will NOT be NOTICED as Interactive SPACES by other INTERACTION compliant SPACES, as INTERACTIONS travel along EQUIPOTENTIAL Lines. Every SPACE FIELD Pixel may acts as GRAVITON. CUMULATIVE GLUON QUANTA SPACE FIELD may act as CUMULATIVE GRAVITON FLELD till ESCAPE VELOCITY is reached and Apparent SINGULARITY COLLAPSE with NO INTERACTION starts and QUANTUM PHASE Reorganization begins.**

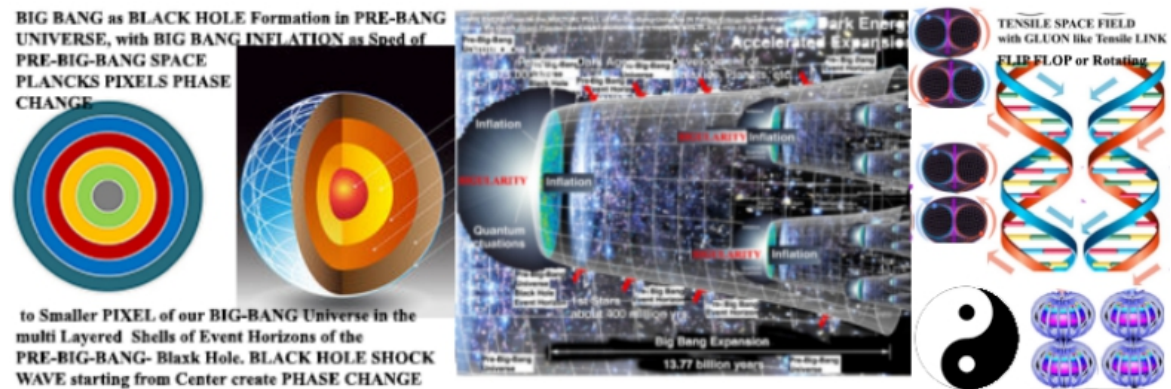
## GLUON-QUANTA-SPACE-FIELD



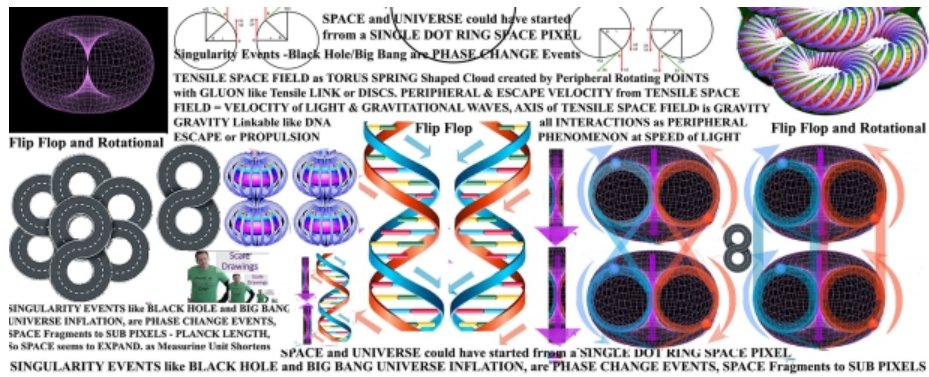
Multiple GLUON QUANTUM SPACE FIELDS may Occupy SAME SPACE as Adjacent GLUON QUANTA RING, with each ring RESONATING and In PHASE with Adjacent GLUON QUANTA RINGS, FLIP FLOP Pulse ROTATING in Same SPACE, till ALL the Practically Pulse Rotating ADJACENT RING SPACES are Filled.

As each GLUON QUANTA SPACE FIELD is also a GRAVITON which can link with other So a SINGLE SPACE FIELD can accumulate Multiple Axially Coincident GLUON QUANTA SPACE FIELDS, each with a Cumulative Linking Fraction GRAVITON QUANTA, till the CUMULATIVE GRAVITY reaches the ESCAPE VELOCITY the SPEED of LIGHT and GRAVITATIONAL WAVES, and Apparent SINGULARITY COLLAPSE with NO INTERACTION starts.

Any further ACCUMULATION with INCREASING GRAVITY Pull RIPS APART the GLUON QUANTA SPACE FIELDS, creating SUB-PIXELS and effecting PHASE CHANGE to Smaller PLANCK PIXELS. This can Create a Situation where the PHASE CHANGE Starts from the CENTER where the CREATICAL DENSITY is reached FIRST and SPREADS Outwards as a SHOCK WAVE, as further Compacting UPPER LAYERS reach CREATICAL DENSITY as INFLATION.



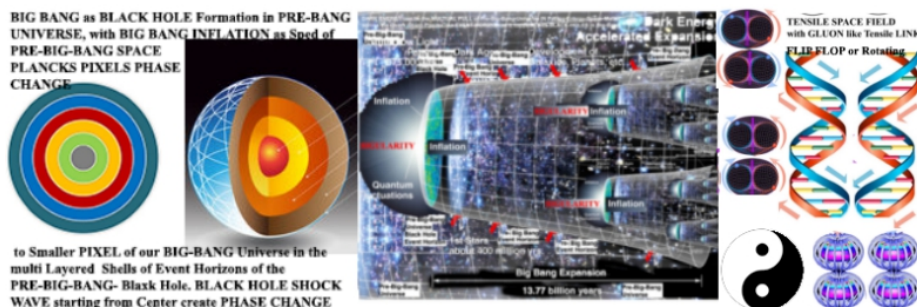
BLACK HOLE SINGULARITY with No ELECTROMGNETIC RADIATION ESCAPE Leading to INFLATION BIG-BANG SCENARIO from INSIDE of the BLACK HOLE



**CUMULATIVE Fractional Gravity of CUMULATIVE GLUON QUANTA SPACE FIELD as CUMULATIVE GRAVITON FLELD till ESCAPE VELOCITY is reached and Apparent SINGULARITY COLLAPSE with NO INTERACTION starts and QUANTUM PHASE Reorganization begins**

**Multiple GLUON QUANTUM SPACE FIELDS can Occupy SAME SPACE as Adjacent GLUON QUANTA RING, with each ring RESONATING and In PHASE with Adjacent GLUON QUANTA RINGS, FLIP FLOP Pulse ROTATING in Same SPACE, till ALL the Practically Pulse Rotating ADJACENT RING SPACES are Filled.**

**CUMULATIVE GLUON QUANTA SPACE FIELD as CUMULATIVE GRAVITON FLELD till ESCAPE VELOCITY is reached and Apparent SINGULARITY COLLAPSE with NO INTERACTION starts and QUANTUM PHASE Reorganization begins -**



**TRUE SIGULARITY, cannot happen, because if the GRAVITY SPACE FIELD PIXELS vanish in SIGULARITY, GRAVITY SPACE is DIRECTIONAL and GRAVITY, the Cause of SINGULARITY ceases to EXIST with SIGULARITY.**

**So, BIG-BANG-UNIVERSE-SIGULARITY-INFLATION must be a PRE-BIG-BANG-BLACK-HOLE-SINGULARITY creation related QUANTUM-SPACE-PIXEL PHASE-CHANGE, with BIG-BANG-UNIVERSE as BLACK-HOLE of and in still Existing and Expanding PRE-BIG-BANG-UNIVERSE**

**White Paper Title -BIG-BANG-UNIVERSE, a BLACK-HOLE-SINGULARITY in PRE-BIG-BANG-UNIVERSE**

**REFERENCES --All Research SELF DERIVED and with WIKIPEDIA based Open Source KNOWLEDGE base References**