

**Cover Page**

**RESEARCH CAMPAIGN - Category – PHYSICAL SCIENCES -**

**SPACE GRAVITY ASTROPHYSICS QUANTUM PHYSICS**

**White Paper Title - Space Quantum Fields create Interactions, Matter and Gravity as Directional Linked Space, Inflation Expansion due to Quantum Phase Change to Subpixels**

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**White Paper Synopsys -**

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

**Space Quantum Fields create Interactions, Matter and Gravity as Directional Linked Space, Inflation Expansion due to Quantum Phase Change to Subpixels**

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

**Space Quantum Fields create Interactions, Matter and Gravity as Directional Linked Space, Inflation Expansion due to Quantum Phase Change to Subpixels. SPACE, created by Rotation Stretched Flip Flop Torus QUANTUM GLUON SPACE FIELD with GRAVITY as Axis, Space Fields create All Fundamental PARTICALS, INTERACTIONS. All Space fields RESONATE with Adjacent Fields and all INTERACTIONS PROPAGATE at Speed of Light Gravitational Wave because that is the Peripheral Rotational ESCAPE Velocity from the sticky Pull of Gluon Quanta Space Field. GLUON SPACE FIELDS link Axially, as Cumulative GRAVITY Fields.**

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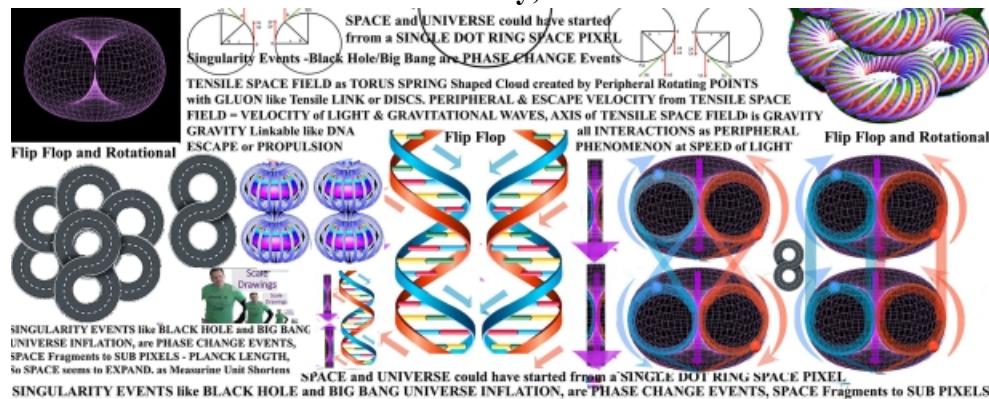
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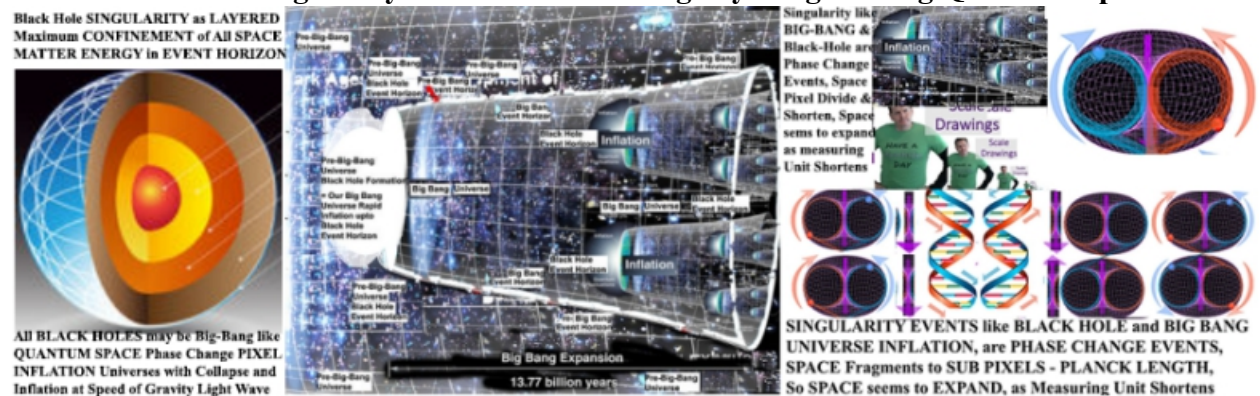
**SPACE, created by Rotation Stretched Flip Flop Torus QUANTUM GLUON FIELD with GRAVITY as Axis, Space Fields create All Fundamental PARTICALS, INTERACTIONS.**

**SPACE deriving from DOT Point SPACE to Helical Rotating Flip Flop Torus of Stretched GLUON QUANTUM Fields, must be Forever Existing & be the only FUNDAMENTAL ENTITY, with all INTERACTIONS, GRAVITY & PARTICLES deriving from different LINKAGES & INTERACTIONS of QUANTUM GLUON GRAVITON SPACE Fields.**

**QUANTUM SPACE, DOT Point SPACE created by Helical Rotating Flip Flop TORUS of Helical Stretched GLUON QUANTUM Fields,, with Gluon Collapse PULL balanced by PERIPHERY Rotation SPEED, as ESCAPE VELOCITY from GLUON SPACE FIELD, equal to SPEED of LIGHT and GRAVITATIONAL SPACE WAVES. Flip Flop Space Field RESONANCE with Adjacent SPACE FIELDS with Left Half becoming Right Half and Right Half Becomes Left Half, as Resonant Space INTERACTION with Adjacent Space fields. All Space fields Communicate RESONANTLY with Adjacent Fields and all INTERACTIONS PROPAGATE at Speed of Light Gravitational Wave because that is the Peripheral Rotational ESCAPE Velocity from the sticky Pull of Gluon Quanta Space Field. GLUON SPACE FIELDS link Axially, as Cumulative GRAVITY FRACTION FIELD.**



**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 are 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 Space Pixel**



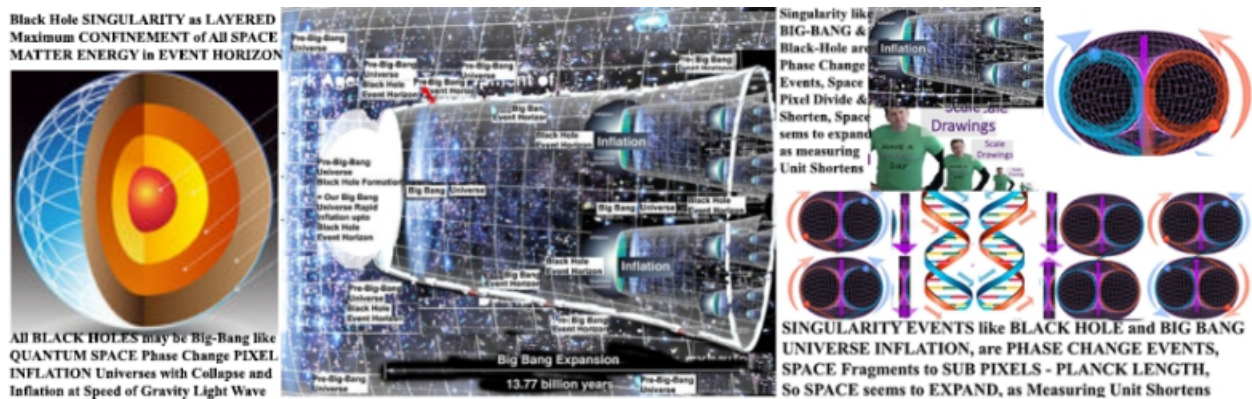
All major INTERACTIONS and PROPAGATION of GRAVITATIONAL SPACE WAVES and ELECTROMAGNETIC WAVES, Occur at SPEED OF LIGHT because that is the PERIPHERAL ROTATIONAL VELOCITY, ESCAPE VELOCITY of GLUON QUANTUM SPACE FIELD, either as FLIP FLOP or Rotating Gear Gluon Space Fields.

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

**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 SINGULARITY in PRE-BIG-BANG-UNIVERSE QUANTUM PIXEL PHASE CHANGE.**

**BIG-BANG-INFLATION in the EVENT HORIZON, is also Apparent SINGULARITY in PRE-BIG-BANG-UNIVERSE-SPACE, with the INFLATION occurring at the SPEED of LIGHT in PRE-BIG-BANG-UNIVERSE and INFLATION with GRAVITATION WAVES.**

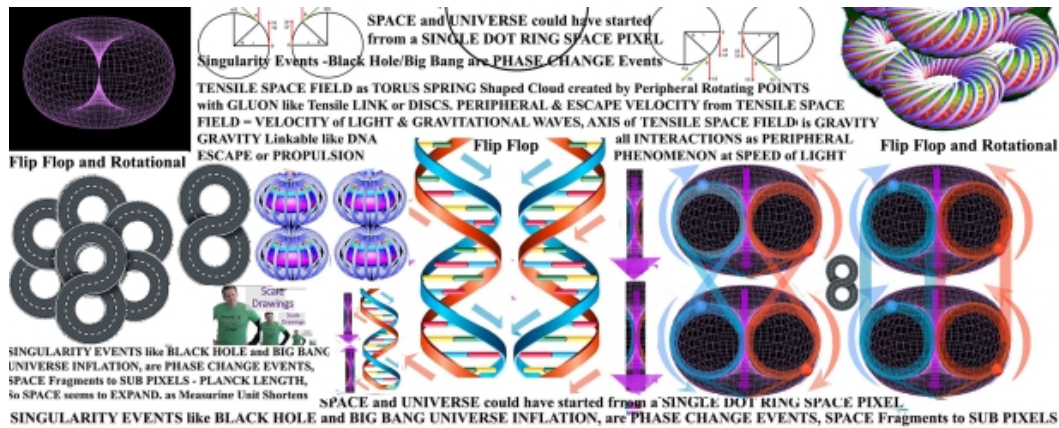
**BIG-BANG-UNIVERSE Inflation occurred at Speed of LIGHT in PRE-BIG-BANG-SPACE, which is Fixed multiples of Planck Constant. So we know Pre-BANG Constants.**



**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 SINGULARITY 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 SINGULARITY 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 SINGULARITY 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.**

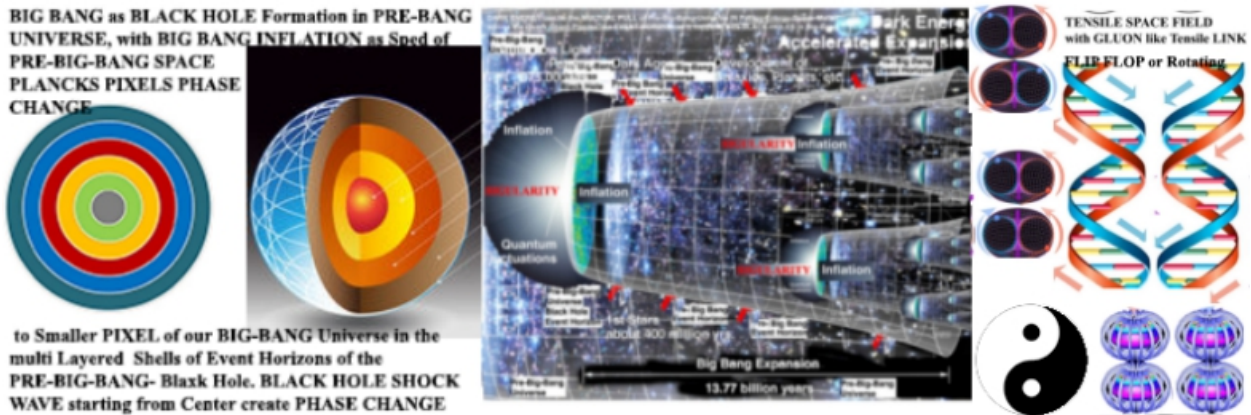


**Multiple GLUON QUANTUM SPACE FIELDS can Occupy SAME SPACE as Adjacent GLUON QUANTA RING, with each ring RESONATING and In PHASE with Adjacent GLUON QUANTA RINGS, FLIP FLOP Pulse ROTATING in Same SPACE, till ALL the Practically Pulse Rotating ADJACENT RING SPACES are Filled.**

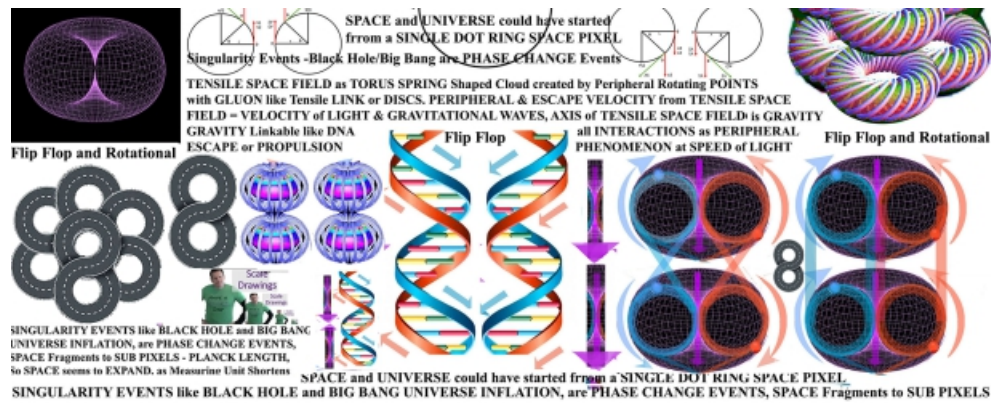
**CUMULATIVE GLUON QUANTA SPACE FIELD as CUMULATIVE GRAVITON FLELD till ESCAPE VELOCITY is reached and Apparent SINGULARITY COLLAPSE with NO INTERACTION starts and QUANTUM PHASE Reorganization begins -**

**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 creates 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.**

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