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Temporal Multiverse Theory (TMT)

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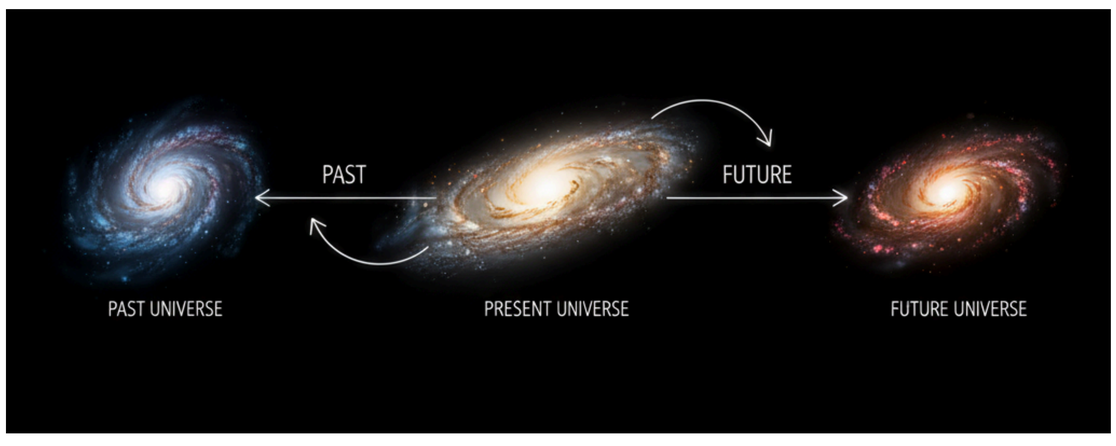
ABSTRACT

The Temporal Multiverse Theory (TMT) introduces a framework in which multiple universes are not only spatially parallel but also distributed along distinct temporal coordinates. Unlike the Many-Worlds Interpretation, which posits simultaneous branching realities, TMT suggests that universes may exist in the relative past, present, or future of one another. Within this model, black holes act as inter-universal entry points, while White Voids serve as corresponding exit points, thereby ensuring conservation of mass-energy across universes. This mechanism eliminates the paradoxes traditionally associated with time travel, as traversal to another temporal universe does not alter the causal structure of the originating timeline. Consequently, time travel is redefined as inter-universal transfer along a temporal gradient rather than retroactive modification of history. The theory offers testable implications for high-energy astrophysics, gravitational wave astronomy, and quantum cosmology.

THEORY HIGHLIGHTS

- Universes exist at different temporal coordinates (past, present, future)
- Black Holes = entry points, White Voids = exit points
- Energy conserved across universes
- No paradoxes — causality remains intact
- Time travel = inter-universal jump



KEY CONTRIBUTIONS

- Time travel redefined as inter-universal transfer
- Paradoxes eliminated by multiple causal chains
- Black Holes as gateways, not singularities
- Energy balance preserved across universes

TESTABLE PREDICTIONS

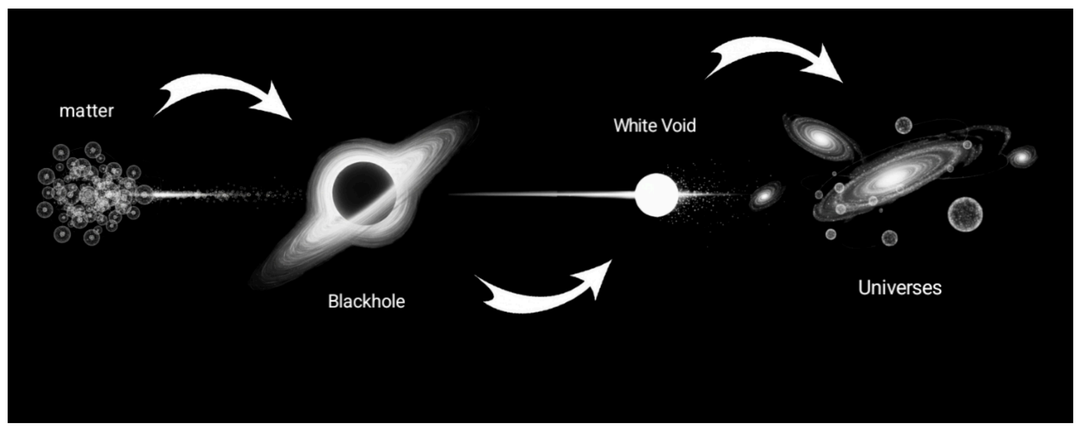
- Gravitational wave astronomy
- High-energy astrophysics
- Quantum cosmology

CONCLUSION

TMT redefines time travel as an inter-universal transfer rather than a modification of history. It preserves energy conservation, avoids paradoxes, and opens new possibilities for astrophysics, quantum physics, and cosmology.

KEYWORDS

Temporal Multiverse | Black Holes | White Voids | Energy Conservation | Time Gradient | Time Travel | Quantum Cosmology



REFRENCE

Many-World Interpretation

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