Contribution ID: **85** Type: **Poster**

TMT

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.
Key words:
Temporal Multiverse, Black Holes, White Voids, Inter-Universal Travel, Time Gradient, Energy Conservation, Causality, Quantum Cosmology, Time Travel

Author: Mr NAIK, Shreeshanth

Presenter: Mr NAIK, Shreeshanth

Track Classification: Physical Sciences