Active Quantum Teleportation Architecture (ACTA)

By Alejandro Efraín Kurday (Zenith)

This whitepaper introduces ACTA, a disruptive quantum computing architecture combining cyclic quantum teleportation with dynamic quantum state collisions. It proposes a new model of computation where logical results emerge from the superposition and movement of quantum states across entangled nodes.

Key Concepts:

- Quantum nodes that cyclically teleport and receive quantum states.
- Computation occurs both at rest and during quantum state transfer.
- A feedback loop ensures effective superluminal-like processing.
- Dynamic Quantum Collision Engine (CQED) as the logic driver.
- Trans-temporal processing with potential applications in ultra-fast AI and secure communications.

ACTA redefines computing by shifting from static location processing to a fluid, state-based logic that may calculate before execution begins.