

Structure of WCW

”World of Classical Worlds” WCW.

1. consists of all possible 3surfaces X^3 in H or by General Coordinate Invariance (GCI) of space-time surfaces $X^4(X^3)$ associated with the 3-surfaces X^3 .
2. is union of symmetric spaces labelled by zero modes appearing as parameters of WCW Kähler metric identifiable as union of symmetric spaces labelled by zero modes appearing as parameters of WCW Kähler metric whereas quantum fluctuating degrees of freedom correspond to symplectic transformations of $\delta M_+^4 \times CP_2$: δM_+^4 is light-cone boundary.
3. is union of sub-WCWs assignable to causal diamonds (CDs) meaning that in sub-WCW the space-time surfaces are contained within CD in question and correspond by holography to unions of space-like 3-surfaces at future and past boundaries of CD.
4. has sectors consisting of surfaces in various p-adic variants of CDs identifiable as space-time surfaces representing ”thought bubbles” and correlates of intentions.
5. has sectors representing intersection of reality and p-adicity
 - (a) consisting of algebraic surfaces whose representation is such that it makes sense both in real and p-adic sense for some p-adic primes forming an evolutionary hierarchy ordered by algebraic complexity.
 - (b) identified as the ”seat of life” at the level of WCW.
 - (c) has dark matter sectors corresponding to hierarchy of Planck constants allowing description in terms of singular coverings of CDs