"World of Classical Worlds" (WCW)

WCW

1. consists of of all possible 3-surfaces 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 provided with
   (a) Kähler metric defined by Kähler function identified as Kähler action for preferred extremal $X^4(X^3)$. This implies that classical physics becomes exact part of WCW geometry and thus of quantum theory.
   (b) spinor structure defined by complexified gamma matrices anti-commuting to WCW Kähler metric
      i. expressible as linear combinations of fermionic oscillator ope- rators assignable to second quantized induced spinor fields in space- time. Geometrization of statistics.
      ii. interpreted as generators of super-conformal symmetries.
   (c) exists mathematically as Khler geometry only if WCW allows maximal isometry group
      i. meaning that WCW is union of symmetric spaces labelled by zero modes with isometry group identifiable as symplectic transformations of $\delta M^4_+ \times CP_2$: δM^4_+ is light-cone boundary.
      ii. Physics is fixed completely by the Khler geometric existence of WCW. Infinite-D geometric existence unique and thus also physics. Already in string models the Khler geometry for loop spaces is essentially unique.
   (d) has rather complex hierarchical structure