



Abstract



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Sustainable futures of the Universe

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This paper postulates a sustainable future of the multi-cameral universe comprising a virtual universe within our known physical universe occupying same space and time. It compares and contrasts properties, similarities, differences and relationships among the planets, people, places, pets, plants and particles of both the physical and virtual counterpart of the universe. A particular attention is paid to the interface between the two and the challenges of building and/or traversing bridges between them with special focus on sustaining future generations. A number of inflection points between the two are identified. The paper also delineates their relationship to big bang, theory of evolution, gravity, dark matter, black holes, time travel, speed of light, theory of relativity and string theory just to name a few.

Several new terms are introduced and defined to discuss proper relationship, transition and interface between the body, brain and mind of physical bodies & beings with that of virtual, meta and ultra bodies and beings and how the "Virtual Inside" relates to people, pets, plants and particles and their micro constituents as well as macro sets. The past, present, potential and elsewhere of the concurrent universes is compared along with many myths and misconceptions of the modern physics. Finally possible pathways to the discovery of TOE (Theory of Everything) for the bicameral universe are hypothesized.