conferenceseries.com

World Congress on QUANTUM PHYSICS

November 24-25, 2022 | Webinar

Theory of the 3 folds and 4 dimensional universe (Beyond standard model of particle physics)

Yogesh V. Chavan
Kolhapur University, India

Three Postulates are defined here, based upon current experimental limit on size of Fundamental particle i.e. upto 10-19 m. An Empirical formula is derived (h=k*c*Q) giving maximum mass of particle within experimental range of ≈ TeV. 3rd Postulate i.e. Equivalency between “Mass” and “Straight Imaginary Line” is proved, which gives co-relation between massless and spin = 1 properties of Boson (Viz. Photons) as proved in QED theory. Fundamental particles of Standard Model are arranged in 3 Folds way in 4th Imaginary Dimension: Bottom Fold, Middle Lower and Upper Folds and Top Fold with decreased in energy from TeV to approx. 0 eV respectively. With this representation of the Universe at atomic and sub-atomic level, it solves lot of current problems of SM of Particle physics like Matter-Antimatter asymmetry, origin of 3 Generations or families of Fermions, reason behind Left Handedness and Massiveness of Neutrinos, Nature of gravitating dark matter and repulsive dark energy particles, origin of mass of hadrons like protons, wave-particle duality of particles etc. giving true insight about nature of fundamental particles. This theory also demands existence of 4th Generation of Neutrinos as well as some new Fundamental particles, discovery of them would definitely bring us one step closer to our understanding of the Universe.

Biography

Yogesh V. Chavan has completed Degree in Mechanical Engineering and he is working on this Concept based theory from last 12-14 years. Currently, he is working in Hindustan Aeronautics Limited, Nashik as an Quality Manager.