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Space particle dualism theory

Space particle dualism theory is based on a variation of the Von Neumann-Wigner interpretation. It explains superpositions in a totally new way (2003), solves the ERP-paradox (2004) and gives a new interpretation for quantum spin (2006; 2015). It leads to a cosmological dynamic in which a natural explanation for the accelerated expansion is possible and that is linked to entropy (2014; 2015).

This so called entropic expansion leads to an age of the universe that is much larger than the age assumed by the mainstream. Counting from when the universe became transparent it is already 43,350,159,828,996 years old. This age for the universe explains why there is such an abundance of heavy elements on earth, and why 90% of the Milky Way's mass is invisible. In a very old universe there are naturally the remains of many generations of stars that have burned out and turned either into black holes or black dwarfs. Only using this age the abundance of elements and the amount of dark matter can be predicted accurately.

Despite saying that all of the matter missing in star surveys is ordinary matter, SPD still predicts 60% actual dark matter which all went into the formation of well visible supermassive black holes (2005; 2015).

Due to the fact that in SPD gravity is a side effect of hypercharge and photons have no hypercharge, the theory predicts that black holes don't evaporate (2017).

The flatness problem and the vacuum catastrophe are prevented by having gravity acting only locally and only depending on density differences, not on absolute mass-energy values (2005). The horizon problem is solved from within the entropic expansion model of the theory (2015). However, a non-isotropic expansion is predicted and this provides grounds for further testing entropic expansion (2014; 2015; 2017). Space particle dualism theory uses the vacuum energy density to derive the weakness of gravity. The calculated weakness matches exactly the observed (2016 - 2018). Space particle dualism theory provides an explanation for the different generations of matter and predicts the masses of nearly all elementary particles (2015; 2018).

Biography

Sky Darnos is a quantum gravity researcher who started developing his own approach to quantum gravity in 2005. It consists of two parts that were originally developed independently. The first part was discovered in 2003 and is called 'similar worlds interpretation'. It is a new way of describing superpositions and entanglement. The second part was discovered in 2005 and is called 'space particle dualism theory' (SPD). It is a quantization of space and gravity treating gravity as an emergent property.

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