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The Nexus Graviton, Dark Energy and Dark Matter

I present a novel approach to explaining the enigmas of the Dark Sector, late time cosmic acceleration and the Coincidence Problem via a self-consistent theory of Quantum Gravity called Nexus.Here we find that the graviton is not a messenger but rather a composite spin-2 particle that induces constant rotational motion on any particle found in its radius of action. From this theory one can derive the baryonic Tully - Fisher relation,calculate the value of the cosmological constant and the baryonic mass content of the observable universe. It also gives the quantum states of space-time in the presence of baryonic matter as well as eliminate singularities from Black Holes.

The peer reviewed paper can be freely downloaded here http://www.worldscientific.com/doi/abs/10.1142/S0219887815500425

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