Seventeenth Marcel Grossmann Meeting



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How Relic Black Holes , in the early universe allow Torsion to form a Cosmological constant, and set restrictions on Relic Black holes in terms of a quantum number n as specified

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Our idea is to state that a particular set of values and reformulation of initial conditions for relic black holes, as stated in this manuscript, will enable using the idea of Torsion to formulate a cosmological constant and resultant Dark Energy. Relic Planck sized black holes will allow for a spin density term which presents an opportunity to modify a brilliant argument given as to cancelling Torsion as given by de Sabbata and Sirvaram, Erice 1990. The 1990 de Sabbata and Sirvaram article claims that Torsion cancels Cosmological vacuum energy whereas our formulation leads to a left over cosmological constant 10^{^-121} times vacuum energy. Meantime speculation given by Corda replaces traditional firewalls in relic Black holes with a different formulation are included. This revised Black hole formulation uses the idea of a quantum number n, which ties into our own Cosmological constant and early universe Dark Energy values.

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