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Alpha Magnetic Spectrometer

Posted by: JackSarfatti

Tagged in: Dark Matter, Alpha Magnetic Spectrometer

BBC News - Alpha Magnetic Spectrometer to release first results <http://t.co/9BrasObB>

'Space LHC' to release first results

bbc.in

The scientist leading the Alpha Magnetic Spectrometer, one of the most expensive experiments ever put into space, says the project is ready to come forward with its first results.

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Jack Sarfatti *"The scientist leading one of the most expensive experiments ever put into space says the project is ready to come forward with its first results."*

Nobel Laureate Sam Ting said the scholarly paper to be published in a few weeks would concern dark matter.

This is the unseen material whose gravity holds galaxies together.

Researchers do not know what form this mysterious cosmic component takes, but one theory points to it being some very weakly interacting massive particle (or Wimp for short).

Although telescopes cannot detect the Wimp, there are high hopes that AMS can confirm its existence and describe some of its properties from indirect measures."

<http://m.bbc.co.uk/news/science-environment-21495800>

If my idea is correct, there will be no evidence for real dark matter particles whizzing through space from this device.

Dark matter is a virtual particle effect inside the quantum vacuum. It is the phase where the density of virtual fermion-antifermion pairs outweighs the density of virtual bosons. Dark energy is the opposite.

$w = -1$ for both in 3D + 1.

The physics is elementary

quantum statistics (permutation symmetry) in 3D

equivalence principle

local Lorentz invariance



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