

The Fabric of the Universe

Dark's Energy's Role in the Cosmos

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Abstract

I would propose that dark energy is the fabric of the universe - it is the underlying energy grid for all matter that exists within the universe. It is the energy grid with which all matter connects. And that what we have come to know of and understand as gravity, is the result of mass interacting with dark energy. Gravity is the energy stream which all matter produces as it consumes dark energy.

Presently, the view of the universe is that ordinary matter, biological life forms like us, as well as stars, planets and galaxies make up only a few percent of the universe. An additional quarter or so is made up of matter that's invisible, called dark matter. Dark matter does not interact with the electromagnetic spectrum, nor does it release any detectable energy - although it does exert gravitational pull on the visible matter within the universe. The rest, nearly three quarters of the universe, is made up of dark energy.



Source: Robert Kirshner

Source: NASA/WMAP Science Tech Source: Robert Kirshner

So why is there is so much dark energy present within the universe?

Dark energy is the fabric of the universe. The underlying matrix or substrate with which all matter connects. It is the underlying form which facilitates the existence of all matter. Dark energy is the universal grid into which all things connect. Matter, in order to exist, consumes dark energy, and in the process creates the effect we have come to know of as gravity.

Gravity has never been recognized for what it is – the consumption stream of an object as it consumes dark energy. There is a flow of dark energy into all matter – the larger the mass, the greater the flow. This flow or stream of dark energy as it flows into mass is what we witness as gravity.

Dark energy and mass are locked into an endless dance, whereby mass is continually consuming energy, dark energy, in order to exist. Gravity is the effect witnessed, as energy is being consumed by mass. All mass, as part of its existence, is kept in a continual loop with dark energy. In order to exist within the universe, mass is locked into a cycle in which it feeds upon dark energy.

How can matter exist without energy? Matter is energy.

Nothing can exist within a completely sterile environment, a system devoid of everything – there needs to be an underlying structure, a framework or grid within all of existence. In our universe, dark energy is that underlying grid. Dark energy is the energy grid for all matter. It is the system by which matter is able to exist. It allows matter to plug into or connect with it, thereby solidifying its existence.

This energy flow or consumption stream of dark energy, which we have come to know as gravity, both allows for and stabilizes mass's existence. There is a flow of dark energy into all matter. All mass consumes dark energy – gravity is the effect, or the result, of this consumption.

Dark energy is the underlying energy grid of the universe, an energy grid which all matter uses to exist. And as dark energy is being consumed by mass, it creates an energy stream that manifests as gravity.

'Gravity is Mass reacting with Dark Energy'

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