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avantgarde

Are dark matter and energy neutrinos ?

Neutrinos were first proposed by Pauli in 1930 to explain energy and momentum conservation in beta decay. Dark matter and energy were proposed to explain something invisible that can similarly not be explained with known matter and forces. Could they be the same thing ?

There are a gazillion of neutrinos flowing through every cubic inch in the universe each second. Since relatively recently neutrinos are also know to carry a little bit of mass. Might they carry something else in similarly tiny quantities responsible for the effects associated with dark matter and dark energy ?

This is simply Occam's razor. With neutrinos there would already be something largely invisible that permeates the universe. So why not look there first for an explanation of the effects associated with dark matter and dark energy ?