

Re: experimental verification of electromagnetic mass

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From: Cecil Moore (w5dpx_at_hotmail.com)

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Guck wrote:

- > *What bothers me is that old-fashioned idea of electricity being the*
- > *flow of electrons thru a wire from a negative terminal of EMF to the*
- > *positive terminal. Obviously electricity is a flow of energy, it*
- > *doesn't seem realistic to imagine that actual physical electrons*
- > *travel thru the wire. It's like light-*
- > *light is carried by photons, light is carried by an energy*
- > *wave/particle*
- > *which has no mass, so it must be the same with electricity, because*
- > *electricity is supposed to be the same wave/particle composition as*
- > *light, simply at a different frequency or wavelength. Light and*
- > *electricity are both the same- they are both radiation energies.*
- > *So therefore electrons should not be considered as leptons or*
- > *fundamental particles because in electricity flow, the negative*
- > *charge component of the electron must be able to disassociate into a*
- > *"photon" type energy component which is what travels through the wire.*

The charge carriers are the free electrons traveling relatively slowly in the surface area of the wire. The RF photons are the wave-particles emitted by accelerated electrons and travel at the speed of light. A cloud of photons make up the RF EM fields surrounding the wire(s).

Consider the energy in an ocean wave Vs the water molecule carriers.

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cheers, Cecil

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