

Abstract Submitted
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The Speed of Light limit may only apply to EM Photons

RICHARD KRISKE, None — Many years ago, after Maxwell first introduced his Maxwell's Equations, there was a large effort to produce a Fluid model to explain how Faraday's and Ampere's law produced a wave front, that could carry Momentum. According to Oliver Heaviside, just having either a static Magnetic field, or a static Electric field would not produce a wave front, only the time variance of either of the fields would do. Now we call the wave front a Photon. Other two field Photons exist and those muddy the waters. For instance, Mesons are a quark, antiquark pair. We say that these are Particles, however, not some hidden Maxwell type equation applied to a quark and antiquark field, to produce a Meson wave front. The quarks don't seem to exist independently, and in that way mimic the E and M fields, which if one believes Particle Physics, don't exist except via a Virtual Photon. Other Photon like entities exist, the Neutrino, which seems to be a three-field Fermion Photon. According to Heaviside the velocity of the wave front for EM is the permittivity times the permeability. What is the velocity for three fields? This Author doubts it is c , and also doubts the validity of Particle Physics as a Complete Theory. The theory of Invariants may be wrong and Fluid Mechanics may still have a solution.

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