Abstract Submitted for the NWS16 Meeting of The American Physical Society

A New Field Theory RICHARD KRISKE, None — It may be that Special Relativity, is actually formulated in the Reverse Order in which it works in Nature. In SR, there are Invariants in 4 space which project onto two Observer's Frames. From those observations and Communications between the Observer's they can surmise what is a Real Phenomena, what is an Event. There is a Problem with this formulation. This variation is done in one of the Reference frames, but once done, a Photon is created, which then can be Observed in both Reference frames. In a way, the Theory of Relativity, is stating that in order for an Invariant to be formed there has to be at least two Observer's or two Time Dimensions. This is not completely obvious from Electromagnetic Photons, but what if there is a whole zoo of Photons? Perhaps one could view the Meson as a Photon, but made up of quark anti-quark fields. Perhaps one could view the Neutrino as a Photon made of three fields intertwined instead of two as in the EM Photon. This author is proposing a New Field Theory, where a Static Field is varied in one frame and depending on the Frame it is varied in, intertwines with other fields, much like the Maxwell's Equations. For example when the Higg's field is varied it produces intertwinings in more than two fields. This is Kriske's Field Theory.

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Date submitted: 22 Apr 2016

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