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New Physics of the Electron – Altering its Charge State MARK DAVID ROSEN, General Applied Physics Solutions — Since the discovery of the positive electron (positron) in 1932, physics has ignored the more plausible possibility that charge is not a fixed property of the electron. Instead of looking for the conditions under which this property might be altered, it has become dogma that the same particle with different charge states are distinct entities originally based on the work of Dirac back in the late 1920s. It is about time to consider the alternate more logical interpretation that under certain conditions, an electron can be transformed into a positron. Over the last 40 years, new phenomena have been discovered that could more easily be explained if the electron was changing its charge state. Recent experimental evidence of heat transport along a quantum Hall edge seems to support the formation of a positively charged entity (positron) that can conduct heat in the opposite direction to negative electron flow (rather than the construct of neutral modes).[1] Being able to manipulate the charge state of an electron would lead to the ultimate green energy source (electron-positron annihilation). Cheap limitless energy would be a game changer for many of the problems we face. [1] Venkatachalam, V., Nat. Phys.,8,676 (2012)

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