

Abstract Submitted  
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**The Conservation of Lepton Number** RUSSELL MOON, Independent Researcher, Florida, USA, FABIAN CALVO, Independent Researcher, Argentina, VICTOR VASILIEV, LENIN All Russian Electrotechnical Institute, Moscow, Russia — In the vortex theory, it was proposed that all hadrons and the electron, muon, and tau leptons are three dimensional (3d) holes bent into and out of the surfaces of higher dimensional space [1]. These holes are the ends of vortices of space flowing through fourth dimensional space that originally connected them to their anti-particle. As space flows into a 3d hole, a positive electrostatic charge is created; as space flows out of a 3d hole a negative electrostatic charge is created; while neutral particles are vortices bent into torus configurations [2]. Neutrinos are quantized transverse waves bent out of the 3d surface and anti-neutrinos are bent into the 3d surface. Applying this model to the creation and destruction of leptons, a correlation was discovered between lepton number and the direction space is flowing (black arrows) in electrons, muons, taus, their anti-particles and, the direction bent space is oriented within their associated neutrino or anti-neutrino.

[1] R.G.Moon, V.V.Vasiliev, NUCLEUS-2003, 2003, Book of abstracts. P.251.

[2] R.G.Moon, V.V.Vasiliev, NUCLEUS-2004, 2004, Book of abstracts. P.259.

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