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New paper describes Earth's aether dynamics creating the Lorentz Invariance illusion

Trinity, FL – “*Earth's Gravitational Vortex*”, published in the *Journal of Astrophysical Mechanics* by Dimiter Bayramov, describes Earth's aether fluid mechanics, creating the Lorentz Invariance illusion and the lunar Doppler Effect, causing the lunar semidiurnal tides.

The paper overviews the cyclical aether dynamics of the Universe and uses Fluid Mechanics to develop a mathematical model of Earth's aether dynamics.

In 20th century physics theory, the lack of variance in the Michelson-Morley class of experiments, such as PRL 103, 090401 (2009), seeking to test isotropy and detect variance in the velocity of energy propagation, is interpreted as experimental evidence strongly supporting Lorentz invariance. This interpretation of the Michelson-Morley experimental results makes a key assumption – the interpretation assumes that Earth's surface plays a key role in Earth's aether dynamics, i.e. Earth offers a boundary surface, where free aether meets matter, and therefore Earth's orbital motion ought to create aether wind on Earth's surface. The model of Earth's Gravitational Vortex presented in this work shows that Earth's surface does not play a key role in Earth's aether dynamics.

The Michelson-Morley experimental results cause crisis in the traditional astronomical model, because the planets and stars are viewed as self-contained entities, floating through aether (or empty space), disconnected from the aether medium. The Flow Theory of Matter and Gravity paints a different view - the stars (and the junior stars – the planets), and the interstellar aether form an integral Universal system of aether-energy dynamics.

The research also describes the lunar Doppler Effect, causing the lunar semidiurnal tides – i.e. at lunar orbit we see one moon, however two lunar tides reach Earth every day.

Call for papers: The Journal of Astrophysical Mechanics invites papers, adhering to the physical fundamentals outlined on the journal website - <http://www.bolgarino.com/PhysicalFundamentals.htm> and in the first journal issue article - “Introduction to the Flow Theory of Matter and Gravity”.

Interested readers can find the new journal issues – at the journal web site - <http://www.bolgarino.com/jasme.html>.