

## WHAT IS THE REAL UNIVERSE?

By Karl Teppo

**Abstract.** Reasonableness as a state of mind has served mankind when solving practical problems that seem to work, but are the conclusions that have been reached in that way always correct? Catastrophic failures in understanding can occur when only mathematical or one sided theory is applied for the most pervasive force in the Universe, the gravitational force.

Take the old 'ether' medium theory for the propagation of radiation, only requiring the physics of an entity which so far has eluded our best measuring techniques? I would like to introduce The Radiation Coupled Theory of Gravitation (RC Gravity). Can this theory illuminate a reason for a duality between mass and energy? Part of the answer comes from our early history and I am grateful for the work of our ancestors making living conditions benign for our science to continue. Take our best work horse, a Diesel engine, could its fuel intake have any similarity with an atom?

In RC gravity all thermal atoms radiate in a 'cold base' zero Kelvin gravitational fuel medium whose 'light barrier' is  $c$  (the speed of light), just like a sound barrier is in the air. This property of a temperature below or above the zero K presently divides us into two separate worlds albeit existing simultaneously. In this Theory of the Top-Down element evolution cycle, starting with fission powered erosion, opposite to current thinking of accretion based matter from light elements. If the evolution of matter depends on temperature or the lack of it, the fundamental particle of the Universe can be demonstrated to be a NEUTRON! In the 'Cold Eon Cycle' looking back in time and distance, cold dark matter seems to dominate gravitationally the fast movements of the surrounding matter. Could these form into the huge neutrons only embryonic stars, surrounded with a 'cold base' (gravitational at zero K), making most of the mass of the Universe.<sup>1</sup> Protons become the decay particles whose Hydrogen emission has blinded the astronomers until this day! The missing mass between a neutron and proton is emitted as a cold base below zero K to become the missing gravitational entity I shall call the 'cold base'. These cold

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<sup>1</sup> "Up until a couple of years ago, most people thought that at higher red shift, star formation would be dominated by optical and ultraviolet galaxies" says Lennox Cowie a cosmologist at Univ. of Hawaii in Honolulu, US. Astro-physical Journal and A. J. Letters.

neutron embryos reside inside all still magnetic bodies and would give us the elements formed in the 'interface' between the said fast rotating core and rest of the matter. This is so beautifully demonstrated with the differential rotation of our Sun. The larger equatorial area of the rotating inner cold neutron base core can be demonstrated to drag the mass of the Sun faster on the equator than the smaller area of the polar caps, by several days.

In my search for the even earlier evolution of the sub zero K masses of 'Cold Dark Matter' (CDM) in the most faraway reaches of the Universe they would have had to have been much larger and colder, radiating in the sub millimeter range in order to agree with a Top-Down Cold Eon Cycle element evolution theory.

It came as a pleasant surprise to me there are many cold dark matter surveys already done.<sup>2</sup>

Now estimating such large masses in the Universe to be more than 12 billion light years away, it is making them too early and large for the Big Bang<sup>3</sup> theories. Being large cold and faraway and larger than anything discovered so far we finally have discovered something concrete to support an earlier epoch of the Top Down theory evolving to our present hot Eon Cycle of the Universe.<sup>4</sup> There must be much larger non-velocity at zero K embryonic masses, from the poles of which a c+ neutral wind could emit neutron clumps evolving into the cores of galaxies and then emitting equatorial c+ embryonic barred-bar arms.<sup>5</sup> Virgo could be the 'mother' of the Milky Way having been ejected this way in support of one argument.<sup>6</sup> Some presently held accretion of matter theories from the cold gasses are not supported by the observations of the present expanding Hot Eon Cycle of the Universe.<sup>7</sup>

Prof. John Wheeler, 'Much of momentum + gravity we see clearly; but where the Quantum comes from - That's the great unsolved question' he wrote.<sup>8</sup>

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<sup>2</sup> New Hubble Survey Supports Cold Dark Matter in Early Universe 23 Jan. 09

<sup>3</sup> Prof. Fred Hoyle coined the word a Big Bang.

<sup>4</sup> Follow up observations with the Hubble Space and the Spitzer Space Telescope and the ground-based Very Large Array in New Mexico, confirmed these galaxies are shrouded in dust blocking visible light.

<sup>5</sup> Halton Arp's web site on red shift of Quasars in the near by galaxies.

<sup>6</sup> Gerard de Vaucouleurs, French pioneer of the Virgo super galaxy has described this federation of the Milky Ways "may run into the tens of thousands."

<sup>7</sup> George Gamow, Russian physicist on accretion of matter: "the standard size of a galaxy would correspond to the smallest size of an eddy which can be held together by its own gravity."

<sup>8</sup> He coined the concept of 'The black hole' and his 'bit from it' for a quantum?

My RC Gravity (Radiation Coupled) theory of Gravitation states; there are two Eon Cycles of the Universe; A Cold, below abs. zero Kelvin and a Hot Eon Cycle, above this zero temperature which in our present environment exist simultaneously as the sub-zero gravitational fuel of the atoms as follows; The duality of the quantum and its energy are simply divided by a temperature! Above the absolute zero Kelvin, matter as we know it, whilst at zero K a cold base fuel is being fired at core of the atomic nuclei. In the RC Gravity best described as a 'Diesel' action. Neutrons in this Top-Down theory of the element evolution are the fundamental particles of the Universe and form the inner cores of the zero K 'dark matter' areas of the Universe. Mathematical theories of matter should have waited for the hands on mechanics like Faraday. I have discovered uncanny relationship in symmetries small like electron v. positron and the greatest possible 'scale' reaching to the size of galaxies where the remnant 'leading arm' asymmetries rule the day<sup>9</sup>

### **The Universal c+ rotational fulcrum law.**

Above postulated example of a law can be more pictorial than the mathematical quantum mechanics for an atom as well as a galaxy! So try to visualize the following!  
"Hold a pen a bit off center, with the other hand rotate one end clockwise, the other end would leave a trail in the opposite direction if they were rotating in some medium. I shall postulate 'the zero K cold base' when viewed thru the poles. C+ is faster than the speed of light nuclear emission. 'A gravitational medium in my theory exists at zero Kelvin as the rotating invisible neutron cold-base.'<sup>10</sup>  
An illusion created when observing this and other 'leading arm' galaxies is that we are observing these galaxies thru one of the poles, the opposite side being almost hidden. I was elated to view from ESA Portal-Integral 3/10/2009 space probe proving anti-matter and thus asymmetry exist in our own galaxy.<sup>11</sup>

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<sup>9</sup> Hubble Site Reveals "Backwards" Spiral Galaxy (02/07/02 Image NGG 4622 Spins "Backwards"

<sup>10</sup> Evidence of the rotating cold base around the Sun is demonstrated by the 'Dichotomy of Venus' curving the passage of the radiation and the shift in the perihelion of the orbit of Mercury around the Sun.

<sup>11</sup> ESA Portal-Integral discovers the galaxy's antimatter cloud is lopsided

NASA has a Hubble Image of Fomalhaut 25 l.y away where the above law can be visualized, how the Sun used to look. There is a sharp inner edge to the ring which in my theory is the equatorial cold base edge, caused by the rotation of the inner neutron core where the inner magnetic field from the poles meet at the equator. Compare the moving sunspots to the equator and very slow movement of hot spots on the Earth.