

## *Olbers Paradox is Completely Resolved by the Measurements and Calculations of the Principle of Accelerometer Physics*

Olbers Paradox has long been the most mysterious and unexplained phenomenon in all of the Cosmology. The problem is this. Why is the night sky dark? If the Cosmos is large, not infinite but just very large, we should be able to see a great many stars and galaxies from every direction with little if any spaces between them. When we see look in the night sky we are seeing photons from only a very narrow slice of the electromagnetic spectrum. They are all spectral photons that are portions of the black body radiation admitted by the various atoms within stars. If our eyes could see all spectral photons instead of just a narrow slice of their spectrum, then the night sky would not be dark but as bright as the sun.



**Proxima Centauri (center) with Milky Way Background Stars**

When we look at this close-up of our nearest star, *Proxima Centauri*, we see that the sky looks fairly bright from all of the Milky Way stars in the background. Because this is a short exposure close-up of the nearest point in the Milky Way and the Cosmos we do not see the billions of galaxies in the background. Also, what we our eyes can't see are the vast numbers of infrared and ultraviolet spectral photons on either wide of the visible spectrum. However, all of the photons from the entire electromagnetic spectrum produced by all of the stars and galaxies in the entire Cosmos are just a tiny fraction of total number of spectral photons that actually exist in this photo. There are more than 3000 **2.7K Cosmic Blackbody Spectral Photons** for every visible light photon in the photo. If our eyes were sensitive to just a portion of these 2.7K photons, this photo would be pure white the night sky would be as bright as the sun.

According to Big Bang theorists, the 2.7K Cosmic Blackbody Radiation was emitted long before the formation of stars and galaxies. These photons had same Momentum, Wavelengths, and Energies as the spectral photons being emitted by the same atoms today on the sun. The theorists calculated that when these photons were emitted the Cosmos had an overall temperature of at least 3000K. This creates the basic questions behind Olbers Paradox. How was the Cosmos able to cool off from its original temperature of 3000K to just 2.7K today? Where did all this Linear Momentum, and Kinetic Energy go? Why was it not conserved? And then the most important question of all. How was a Living Cosmos able to cool off enough to allow for the evolution of life when there was no place isolated from the intensity of these 3000K photons?

In the 200 years since Olbers first proposed his paradox, there have been many failed attempts to find solutions to the problem based on different cosmological theories. Finally, pseudo scientists like professors from Harvard and other universities began to imagine that the only way to solve Olbers Paradox was to allow special violations of the most sacred laws of physics: Thermodynamics, Electrodynamics, and Quantum Mechanics. These laws stated that the linear momentum, energy, and wavelengths of photons are perfectly conserved and cannot be created, destroyed, or altered by any known process.

In desperation to preserve the *Metaphysical Assumptions of their Big Bang Theory*, the Cosmologist all imagined and then agreed upon the formation and eternal existence of a special expanding Spacetime Continuum for just the photons of the 3000K Cosmic Blackbody Radiation to travel through. As they moved through this medium, the CBR photons all slowly increased their wavelengths, decreased in kinetic energies, and linear momentum (but not in angular momentum). This effect was thousands of times greater than Hubble's Cosmological Red Shift that Cosmologists had imagined to be caused by the inertial expansion of the Big Bang universe. They all agreed that abandoning the basic conservation laws of physics was the only way to make the temperature of Earth cool enough for life could evolve. They then all had to believe that almost all of the linear momentum and energy that was created and available during the early stages of the Big Bang had simply mysteriously vanished into the fabric of their new imaginary Spacetime Continuum.

### *The True Solution to Olbers Paradox*

The true solution to Olbers Paradox is revealed in the simple measurements and calculations of the *Circlon Synchronicity Principle of Accelerometer Physics in a Living Cosmos* that can also be used to resolve the many other cosmological paradoxes plaguing Big Bang theorists.

The spectrum of 2.7K Cosmic Blackbody Photons has not cooled or changed in any way during the many billions of years that they have been traveling through A Living Cosmos. What has changed is the gradually evolving Electron/Proton Mass Ratio that began at ( $e/p = 1836/1$ ) near the beginning of cosmic evolution and has slowly evolved to a value of ( $e/p = 1/1836.152\ 673\ 431$ ) today. When the Cosmic Blackbody Radiation photons were emitted, the electron/proton mass ratio was ( $e/p = 146.5$ ) and at that value, the blackbody distribution spectrum for Hydrogen was at 2.7K. Today, we view the 2.7 K Blackbody Photos at exactly the same wavelengths, temperature, and intensity as when they were first emitted billions of years ago. No laws of thermodynamics or electrodynamics are violated.

Not only does the *Cosmic Evolution of the Electron/ Proton Mass Ratio ( $e/p = 1/1836$ )* resolve Olbers Paradox, it also explains many other mysteries, paradoxes, and events in Big Bang theories such the Creation of Matter without Antimatter, the sequential formation of Galaxies, Stars, Planets, and Electrons and Protons, the exact temperature of the 2.7K Cosmic Blackbody Radiation, the True Identity of Antimatter, the Hubble Red Shift, Nuclear Synthesis, the Cause of Radioactivity, the extreme energies of Cosmic Rays, the billion-year stability of the Sun's temperature, Plate Tectonics, Volcanoes, and even the large size of Dinosaur Bones.