

The History of the Aether Theory

A Compendious Summary and Chronology of the Aether Theories

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1- *Sans Aether*, the Universe Becomes “The Preposterous Universe”

***Aether* is the basic substratum of all space; Aether is the raw essence of the Universe. Aether permeates the innermost recesses of all matter. Without it the universe is contrary to nature, contrary to reason and common sense. Without it the universe is utterly absurd.**

And what is worrying is that the scholars who have meticulously assembled our complex picture of the universe know it is absurd.

Consider this: The cosmology that is studied in universities the world over, and practiced in the relevant research departments, is a cosmology devoid of the concept of Aether. Assumed to be a dispensable relic of 19th century voodoo science, the Aether was discarded a long time ago. **And the resulting universe model, missing a vital ingredient, has not worked properly since. In fact, as a depiction of reality the class of expanding universe models —of which the various big bang (BB) models are a subset— has been an utter and complete failure.**

Sean M. Carroll, a physicist at the **California Institute of Technology**, sums up one of his extensively researched and densely-referenced papers on The Cosmological Constant with the conclusion (which he bases on the no-Aether interpretation of the evidence allegedly showing that the cosmological constant, Λ , dominates the universe, that the expansion of the universe is accelerating, and that the majority of the matter content in the universe must be in an unknown non-baryonic form): “Nobody would have guessed that we live in such a universe. ... This scenario staggers under the burden of its unnaturalness, ...”

In fact, and in bold print, he calls it “**the preposterous universe.**”

As I understand it, a universe that is “preposterous” is (and my Webster Dictionary will back me up) a universe that is “contrary to nature, reason, or common sense; utterly foolish; absurd.” Undoubtedly this is the meaning that the professor intended.

One must realize that **Sean Carroll** is not some rebellious radical trying to overthrow the expanding universe paradigm, or trying to reinstate the Aether. Not at all. As a practicing physicist/cosmologist and a recognized authority on the *expanding universe*, he is steadfastly committed to resolving the absurdity without venturing outside the BB box, so to speak. In Carroll’s view, “... *a major challenge to cosmologists and physicists in the years to come will be to understand whether these apparently distasteful aspects of our universe are simply surprising coincidences, ...[whose] underlying structure we do not as yet comprehend.*”

Unfortunately he is like many others who, for whatever the reason, are unwilling or unable to examine plausible solutions outside of BB cosmology.

What one must realize is that BB cosmology as a plausible theory has two towering handicaps. First, it embraces the unscientific concept of the expansion of the whole universe. This is blatantly unscientific because it involves an unnecessary extrapolation of a perfectly valid regional phenomenon called **space expansion** (regardless of how *space* is defined). Second, it is based on an incomplete theory of gravity, **Einstein’s general relativity**, which implicitly denies the existence of Aether-space.

Aether is the ingredient without which these two handicaps cannot be overcome while maintaining the all-important connection with physical reality. Aether is the ingredient without which the picture of our Universe is quite unnatural and simply *preposterous*.

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<http://www.cellularuniverse.org/AA3AetherHistory-Ranzan.pdf>

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Note:

This writing has also been published in Toquest.com on March 12, 2017.