

## IT'S THE TEMPERATURE!

What is ultimately possible in physics? We can (must) devise a way to adjust Earth's thermostat.

We know that the total mass of Earth is paramount in any consideration about global warming... or cooling. Currently, tons of space matter and debris regularly pound onto this planet. The continuous onslaught results in both an increase in Gravity—and in Temperature. At some point, man will be obliged to deflect and/or eject tons of this impacted matter from the planet, much as we would move to counter an incoming asteroid or comet. Initially, we will probably be able to transport this surplus material out of Earth's gravitational field—but eventually it may be necessary to send it, and the accumulated orbital buildup, completely out of our solar system.

The object, of course, will be to control the Temperature of our planet, as best as possible, for life hereon.

We know that all materials are continuously burning (oxidizing), and, if a particular ignition point of a given material is reached, rapid oxidation (flames) will occur. Even though an ordinary fire may be extinguished by removing any one of the three necessary components (the fuel itself, the oxygen or the temperature)—the Temperature remains a key player in the event. That is, rather than being the result of a fire, Temperature could be considered the catalyst. In fact, it is Temperature that allows any object to act or react at all since if Absolute Zero or Absolute Plus Temperatures of any object are reached, that particular material will simply cease to exist! No Temperature, no Being!

Therefore, it is Temperature (a measure of the Heat and/or Energy of a Mass) that is vital and ultimately prime in any operation conducted; in every test or experiment made; and, indeed, it is this Temperature that prefaces any possibilities that a man, or the Universe—or Time itself—can possibly be!

For example, in order to completely “see” an object one would have to observe it from its infinite number of perspectives. Since a visual examination of this sort is impossible—and no other satisfactory gauge is available—one must conclude that the sole way to fully scrutinize any object is to determine and monitor its Temperature.

Our representative material object (above), then, is, in effect, TEMPERATURE—and, as such, it comprises TIME! Likewise, “everything,” that is: the cup you are holding, the chair you are sitting upon, the tree out your window, the distant mountain... likewise comprise the single, vital component, Temperature/Time! The material objects you observe ARE, in fact, Temperature/Time!

Thus, Temperature/Mass = Time/Energy, and as an infinite number of Temperatures/Times (objects) make up our Universe, each particle, each element, each atom is dancing out its existence through a series of *changes* marked by a perpetual succession of “pulses.” Although each of these *Universal Pulses* is representative of Present Time, each pulse is of an *infinitesimal and immeasurable duration*. (After multiple pulses, we notice changes, and have named this phenomenon, Time).

The number of universal entities is indeed infinite, but each object is different from any other. And, just as no two apples are ever alike, neither is ONE apple ever alike. That is, each Universal Pulse produces a Cosmos unlike the previous or coming one; as the entire Universe constantly “changes” with each Present Time Pulse.

Here is the reality. In this scenario, a Neoteric Universe “happens” (i.e., A Big Bang of Temperature occurs) at each Present Time Pulse—and the *necessary* Anti-Pulse that follows is simply Nothing, AKA, Space/Absolute Zero!

**This, then, is What Is Ultimately Possible In Physics:**

1. Entanglement, Dark Matter and Dark Energy—and even String Theory—would fit snugly into such a setting—just plug Temperature/Time into appropriate formulas. [Incidentally, a glance at the string’s “end” here exposes the top “point” of that famous stack of missing points?]
2. We can finally discard the notion that Temperature/Time is flowing or running—or traveling in multiple directions, or suddenly stopping and reversing, or going anywhere at all! Temperature/Time is the perceived result of Universal Change.
3. Yes, it’s settled—Just as the cursor on your computer is pulsing, so too does the Cosmos. The Universe is closed, and, concerning pulsing, the physical “size” of the universe does not matter—any more than the size of your cursor affects your saved information!
4. We now know that every “thing” in the Universe is experiencing a change from a former “thing” into a different “thing” –with each Pulse of Present Time. At last, we can relax and realize—that that concrete bird bath in the backyard IS Temperature/Time! Your automobile is Temperature/Time! You can look at Temperature; you can look at Time—it is no longer a mystery!
5. We must here maintain that the concept of “Past or Future Times” is an oxymoron—as these locales, however graphic, are merely the “psychological” stops we wrongly perceive as reality. We (mankind) will, therefore, not be traveling to a Past or Future locale—as these “places,” though critical for our temporal machinations, paradoxically exist only in our imaginations! \*

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TIME and mantime

I believe it is well nigh “time” for us to distinguish between TIME and mantime. (For the record, the particular moment of *distinguishing* that I am presenting here will necessarily, as you will see, be presented in *mantime*. This is because it is impossible for man to perceive, comprehend or in any way dwell in that mysterious realm, TIME, that is spelled with capital letters).

So first, let us look at mantime. We, as humans, are obliged to live in mantime—and to use the tools, invented by us, for the purposes of operating within same. That is, we have constructed regular clocks, sun dials, hour glasses, pendulums, gyroscopes, electronic devices, quartz time pieces, calendars, days, revolutions, moons, years, months, decades etc., etc., all intended to aid us—nay, to define exactly for us—all those sequences of life that man *has* encountered, *does* encounter and/or *will* ever encounter, forever, amen.

And this is when the trouble begins. Think of this: We casually speak of *a past* time. Many, probably most, scientists advise that there is a past, present and future and that, with the correct numbers, man will be able to travel through “time” to any of the three, i.e., for example, back to a specified past.

Let us, for convenience, call any particular moment—whether past, present or future—a *scene*. All right, according to current agreements, we can travel to a scene that happened, say, 10 years ago. That era, or scene, is always there available and waiting,

these professionals purport. Then, if they be right, we should likewise be able to go back five years, or one year, or a week, or a minute..., or... a split second. You, right now, could travel back to the moment you started reading this and completely relive the experience. (But please don't leave just yet, because we are serious here).

In our examination then, we are now behooved to consider the scene of the *shortest* duration that we could possibly visit. This elusive duration, we agree (that just happened) will certainly seem infinitesimal, (incalculably minute) but, nevertheless, it must be finite, or we could not be here to speak of it! That is, there must be a measurement for even this *scene* of the smallest possible duration. Now, in physics, we accept that, in order to exist, the smallest material object must be at least 10 to the minus thirty-third part of a centimeter in size. So we have to wonder if this *Planck's Constant* measurement is somehow related to a mantime *scene* which registers a part of the most minuscule proportions. (We are also obliged to wonder if the speed of light, as calculated, has a part to play in the measurement of this extraordinary, tiny moment).

These kinds of questions and investigations, then, naturally bring up doubts about man's confident approach for any aspect of "time." And concerns of course arise about some of the tools and devices named above that are expected to actually *measure* this most mysterious of the four acknowledged dimensions.

Anyway, let's don't lollygag here. With a little figuring, we must conclude that there can be, in fact, *no past or future "time"*! So, get over it and move on. On the contrary, present time must exist (again, we know this because we are here talking about it), but its minute duration is necessarily well below our perceptive powers. That is, present time must be real and it must be of infinitesimal proportions—but it is never to be "experienced" by us as TIME, but we can experience it as TEMPERATURE!

And this, then, is the entity I speak of. It is TEMPERATURE/TIME. This occurs as a pulse of the present whose duration is certain, though immeasurable. It can more specifically be described as an infinitesimal *pulse of the moment which consists of everything in the universe: TIME, MATTER, ENERGY and TEMPERATURE.*

It should be obvious here that any "pulse" requires an anti-pulse. In this scenario, therefore, I envision a negative moment (Space) between pulses, that are fully equal to the positive moment, but, unlike TEMPERATURE/TIME, is completely devoid of any "thing." That is, it is total oblivion: No matter, no space, no energy.... Nothing! (It seems to me we should say TIME OR SPACE, rather than TIME AND SPACE).

It would be convenient here to suppose that the moment of anti-pulse, then, is so small that it would meld with the pulse and result in a TIME with no beginning or end. But this is not so. The anti-pulse, like the pulse, must have a finite moment, too; if only to assuage our conscious (feeble?), mortal minds.

Now, as we've seen, present TEMPERATURE/TIME is too short for us to ever comprehend it, and this leads to an unavoidable paradox. We live only in the Present, but we can never realize that fact: That is, Present TEMPERATURE/TIME exists, but we can never "know" it. And, ironically, though past and future "times" do not exist, we can only abide, albeit subconsciously, in the realms of these "imagined netherworlds!" To wit, we have either just done something—or we are just going to do something. Our minds will forever keep us in the past or the future; we will never be allowed to dwell in the present! It's just too short!

The good news is we can, by using our minds, “time travel” to anywhere we wish in the past or future. Try it, it works. But don’t try to stop in the physical present; you’re not wired for it.

It seems logical to me, then, that there was a Big Bang at the beginning, that the universe and everything in it can be described from that first pulse (The anti-pulse is Nothing) and that the cosmos experiences minute “changes” with each subsequent pulse. Inhabitants notice these somewhat predictable changes after long durational periods and prefer to refer to this phenomenon as “Time.” Thus, the clocks, instruments, etc., named above. (This *universe* I describe is comparable to a living creature that virtually does “change” with each heart beat, but continues—initially at least—to appear the same).

Obviously, and unlike most, I believe the universe is closed, runs its course and eventually experiences a Big Crunch. It then proceeds to begin the process again. Scientists (today) who place a mantime register on the universe consider it to be somewhere around 13.7 billion years old. Not looking at the situation in mantime, I contend each universe (that is, pulse) could just as easily be  $6.625 \times 10^{-27}$  erg-second old. In truth, I believe that by relying solely on mantime, we are not able to discern the difference between either period of duration....

It seems a toss up now among scientists about whether the universe is open or closed. Obviously, I believe it is closed, because it runs its entire course during one pulse and starts all over again at the next. The key to this all is that TEMPERATURE/TIME encompasses, in effect, everything that we know of. That is, Time—at the pulse—consists wholly of Temperature/Energy/Matter.

Conclusion: TEMPERATURE/MASS.= TIME/ENERGY.

So, what’s ultimately possible in physics? We can control the well being of our planet by simply designing and creating a mechanism for loading up and shipping out some unwanted Temperature/Time, that is—in this case—all that excess dirt!