

Hold On To Change

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For 500+ years we have plowed through the progressive discovery of the enormity of our physical universe – hundreds of billions of galaxies, 13.8 billion years old, and 93 billion light years in diameter [what we can discern]. Then we have to add the 95% of reality that is non-physical – mostly energy. Finally we discovered our enormous universe is not fixed but expanding. The major results of our discoveries to date: it is one totally integrated cosmic system, and in every aspect it is constantly changing/vibrating. Unfortunately, all theory in our physical sciences remains based on some constant in terms of which a few “significant” variables are held to interact. $E=mc^2$ relates energy and mass in terms of the speed of light, which is held to be constant. Does anyone really think that energy and mass are the only significant variables and that the speed of light will not be found to be variable at some scale, in some variable context?

The verdict is in: There are no constants, only some variables that seem to be constant at certain scales – gravity for Newton, light for Einstein, the planck constant in current micro particle physics, etc. But, even when most of our scientists now know better, they cannot extricate themselves from their commitment to a reality theoretically defined by constants.

We humans are in love with constants. We want a reality that is fixed and fully predictable at every scale. And anywhere we cannot posit a constant/stable/fixed condition we have our trump card to play – GOD. Religion to the Rescue can “fix” it. Just appeal to our absolute, forever, permanently fixed in place agents – God, gods, prophets, saviors, gurus [our constants] – to relieve the anxiety of perpetual change, which suggests an unknown end result. Science has its “gods” – theoretical constants – that allow scientists to pretend they have “fixed” the situation. In our human everyday life, Death is the BIG unknown that casts its shadow over all of existence, and we humans want a definitive answer. Absolute, collective belief in an unknowable “Almighty” God, who oversees and judges every life for the possibility of achieving eternal life, is our prevailing, current “Fix.” God and “His” array of human acolytes are our fixers.

We need a new perspective in both Science and Society: Change Is Opportunity. Within the grand, single, expanding, totally unified system of cosmic reality in which nothing is EVER separate, science must adopt a full systems approach in its investigations, and society must recognize that humans can participate responsibly and meaningfully in a spectacular joint venture.

The concept of Death requires separation, but endless change is all there is!