

And then, in that same creative instant, God said:

“Let There Be Light!”

Light includes the entire electromagnetic spectrum, not just the narrow band of color we “see.” From short wave gamma rays, to long radio waves, electromagnetic radiation includes a vast range of frequencies spanning at least 75 octaves. Visible light occupies only one octave of this range. So what do we now have?

energy

Is this not the third aspect of all physical things?

At the instant that matter was energized, basic elements took on specific form. Particles were now in motion and operating in TIME.

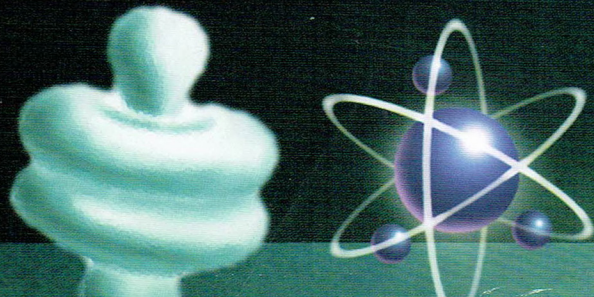
Think ! When physical matter ceases to be, time shall be no more. In a very simple, yet profoundly scientific way, the Genesis account of God’s first creative act logically defines the basis of all physical reality:

Space, Matter & Energy

But there’s more! Electromagnetic energy is at the heart of all physical matter. Atoms are held together by complex electric and magnetic forces, providing form and structure to the universe. All chemical elements took form when God said “Let there be light!” He initiated the physical laws that govern all forms of matter.

One of the mysteries of creation is the amount of energy “locked up” in the atoms. Man has been able to release some of the energy for use in atomic power plants and atom bombs, but think of the total amount of energy required to put together all the physical matter in the universe. For lack of clear evidence, some materialistic thinkers have theorized that there must be an invisible thing they call “gluons” to hold it all together. It seems a miracle of “science” that the structure of every atom in the universe doesn’t fly apart.

Scientists once used the “Cloud Model” to depict the atom. Now they realize the atom is far more complex than they first imagined. The simplified “Planetary Model” was popular for most of the 20th century. The recently developed “Lucas Model” has no orbiting electrons, permitting the atom to remain stable with electric and electromagnetic forces in equilibrium.



What Does the Bible Say?

“...all things were created by Him [Jesus] and for Him; And He is before all things, and by Him all things consist [or hold together].”

Colossians 1:16,17