Photon as a New Atom, Cidtonium as an Atom of Photon

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The ancients believed that the materials are made up of four elements: fire, air, water and earth. Over time, with the progress of science, materials were classified based on the constituent molecules, and then they were classified based on the constituent atoms of the molecules, which are the same elements.

If you consider the periodic table of elements, the mother of all elements is hydrogen, which by adding electrons, neutrons, and protons in atoms, we reach newer elements. The interesting point is that the elements with their structures are changed physically and chemically.

The next step is the structure of Electron, Proton and Neutron. We have found that all of them must be made of photon and their structure are as the following:

- 1. The Electron is an array of photons rotating on the surface of an imaginary sphere without any central core.
- 2. The Proton is a dense, compact globe filled up of photons getting together and,
- 3. The Neutron is a sphere with the Proton core, and Electron shell.

So, the "photon", in the true sense of the word, could be called the new atom, which is the building block of all material in the universe.

On the other hand, for next step, we will introduce Cidtonium. That is a particle and also the basis of the structure of the photon and therefore all particles in the universe like hydrogen, which is the basis of the elements of periodic table.

References:

[1] Saleh, Gh. "Discovery of the Smallest Particle in the Universe, with a Density of 10⁴² kg/m³ Using the Density of White Dwarfs, Black Holes, and the Big Bang?!." Saleh Theory, 25 Sep. 2023, <u>https://www.saleh-theory.com/article/discovery-of-the-smallest-particle-in-the-universe-with-a-density-of-1042-kgm3-using-the-density-of-white-dwarfs-black-holes-and-the-big-bang</u>

[2] Saleh, Gh. "Discovery of the Smallest Particle in the Universe, Cidtonium, Using the Big Bang Phenomenon." Saleh Theory, 04 Feb. 2023, <u>https://www.saleh-theory.com/article/discovery-of-the-smallest-particle-in-the-universe-cidtonium-using-the-big-bang-phenomenon</u>

[3] <u>Saleh, Gh. "Proof of a New Fundamental Particle Called Cidtonium by Using White Dwarfs and Black Holes." *APS Northwest Section Meeting Abstracts*. Vol. 23. 2023.</u>

[4] <u>Saleh, Gh.</u> "The most condensed material in the Universe; 10²⁵ times of a black hole (Cidtonium)." *The 54th Conference of the European Group on Atomic Systems (EGAS 54. 2023.*



[5] Saleh, Gh. "New Discovery of Smallest Particle in the Universe, One Billionth, Billionth, Billionth of a Photon (Cidtonium)." Saleh Theory, 10 Dec. 2022, <u>https://www.saleh-theory.com/article/new-discovery-of-smallest-particle-in-the-universe-one-billionth-billionth-billionth-of-a-photon-cidtonium</u>

[6] Saleh, Gh. "A New Discovery of the Most Condensed Matter in the Universe, 10²⁵ Times of a Black Hole Cidtonium." Saleh Theory, 29 Dec. 2022, <u>https://www.saleh-theory.com/article/a-new-discovery-of-the-most-condensed-matter-in-the-universe-1025-times-of-a-black-hole-cidtonium</u>

