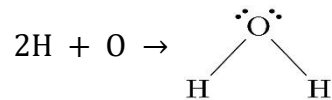


Remarkable Similarities Between Photons and H₂O Molecules in the Universe

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Let's consider a drop of water. Its building blocks are two hydrogen atoms and one oxygen atom, which combine to form the H₂O molecule.



Interestingly, this molecule is inherently made of two gases, and their chemical combination should also be a gas. However, because it's a polar molecule, water can also exist in a liquid state, forming seas and oceans. If you have an ocean of water, you effectively have n molecules of H₂O. In terms of chemical or physical properties, an ocean of water is identical to a single drop. Water is abundant in the universe in many forms: vapour, clouds, ice, crystals, hail, liquid, and so on. In essence, all these are different physical states of water droplets, which appear in various forms depending on heat, cold, and environmental pressure.

Photons are much the same. Under great pressure, they can compress together to form a solid sphere called a proton (like ice). Or they can gather on a hypothetical hollow spherical shell to form an electron. In other conditions, a bunch of photons scatter, creating radiation rays. If these rays are aligned (in phase), they produce a laser beam. Depending on the physical conditions, photons can also be observed as visible light, radio waves, microwaves, and other types of waves in nature.

Interestingly, if photons are joined together in a continuous chain (due to high pressure and heat), they can form a long chain of photons that we call magnetic waves or gravitational waves. This structure is found in abundance in nature.

Conclusion:

Just as H₂O has different names in various environments, Photon also has different names in nature depending on its structure within the electromagnetic spectrum. But they are all made from the same fundamental particle—Angel Photon.

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