

Are Faith and Science in Conflict With Each Other? No, Because Today's Knowledge is Shaped by Old and Outdated Ways of Thinking. the Key Lies in the Bible.

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Today's knowledge about the relationship between faith and science is shaped by old and outdated ways of thinking. We can see this in the still widespread belief that faith and science are in conflict with each other. Upon closer examination, however, this is not the case, as will be explained in more detail in this article.

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I. Matter is formation

The special position accorded to information by NORBERT WIENER is clear in his frequently quoted dictum:

"Information is information, neither matter nor energy. No materialism that does not take this into account can survive today."

There are several perspectives on the concept of information. Two are particularly noteworthy: On the one hand, there is the materialistic view, which attempts to understand information exclusively in terms of matter and energy. On the other hand, there is the view that information contains more, namely a non-material component.

It is noteworthy that, from the perspective of the Ur-Theorie, materialism cannot survive precisely because matter and energy must be identified with *dynamic information*. This was stated by HOLGER LYRE in his dissertation "Quantum Theory of Information" [1], (page 12).

The Ur-Theorie states that the smallest component of matter is not the atom or protons, neutrons, quarks, and so on, but

the "Ur." These are "tiny pieces of information," known as bits. The basic ideas behind the Ur theory go back to CARL FRIEDRICH von WEIZSÄCKER, who researched it at the University of Bochum in the early 1950s together with HOLGER LYRE. In his dissertation, LYRE argued that matter/energy is equivalent to *dynamic information*, or in other words: matter/energy *is dynamic information*.

said the renowned Nobel Prize winner in physics ANTON ZEILINGER from the Institute for Quantum Information in Vienna:

"Information and reality are one and the same thing, two sides of the same coin."

Now, reality is not a concept in physics, but reality could be understood as a single effect (energy times time) or as the sum of all effects.

There is also physical and mathematical evidence that matter and energy must be *identified* with *dynamic information*. For example, there are the following formulas:

$$E = h \cdot \ln 2 \cdot H / t \quad (1) \quad E = \text{Energy}, H = \text{SHANNON's Information Entropy}, t = \text{time}$$

Respectively

$$H/t = \text{Information flow} = \text{dynamic Information}$$

$$A = h \cdot \ln 2 \cdot H \quad (2) \quad A = \text{Action, Effect}, h = \text{PLANCK's quantum of action}$$

Formula (1) was published by LIENHARD PAGEL in his book "Information is Energy (meaning "dynamic Information"= Information flow) [2] and HARTMUT ISING [3] under the title "Information and Energy."

I also derived and validated formula (2) from DE BROGLIE's formula [4]

$$A / h = S / k \quad (3) \quad S = \text{thermodynamic Entropy}, k = \text{BOLTZMANN's constant}$$

where

$$S = k \cdot \ln 2 \cdot H \quad (4)$$

Physicists have a so-called standard model that attempts to explain the origin of the entire universe. The cornerstone of this model is the Big Bang, which is not meant to be a bang in the literal sense. Rather, it was given this name to illustrate the sudden and violent emergence of the universe. The Big Bang plays an important role in the standard model of physics. It is the starting point from which all the energy in the universe spread out from a single point at the speed of light, covering a distance of 13.75 billion light years. Outside this expansion (known as the event horizon), which took place in 13.75 billion years, the universe effectively ends because we can not obtain any more information from it.

Despite this standard model, however, physicists do not know where the energy came from or how it came into existence. To find the right perspective here, we need to look from a higher perspective, namely from the perspective of Holy Scripture.

Christians know from the Bible that this happened through God's word: "He spoke, and it was/there, it was." At the moment God spoke, He brought energy into the world through this *dynamic information*. And through His speech, He continually sustains this world. Thus, physics and mathematics provide a very good foundation for the credibility of the statements in the Bible.

WERNER GITT writes in his books "Four Laws of Information" NGI-4 pg. 89¹ and "Information – The Key to Life" NGI-4 pg. 182² :

Universal information can only be generated by an intelligent sender.

This is completely correct.

● II. Bible verses:

Jeremiah 23:29 says: "The word of God is like a hammer that breaks the rock."

In the Gospel of John also contains a reference to matter coming from God's Word.

John 1:1-3: "In the beginning was the Word, and the Word was with God, and the Word was God. This was in the beginning with God. All things were made through Him, and without Him nothing was made that is made." And John 1:14: "And the Word became flesh and dwelt among us, and we beheld His glory, the glory as of the only begotten of the Father, full of grace and truth." Even if this ("the Word became flesh") is to be understood more spiritually, the word certainly implies information and the flesh certainly implies matter. This shows in a biblically accurate and very clear way that matter must indeed be identified with information. Because according to John 1:3, all things - even "base" matter - were made through the Word, it follows that matter has something to do with information. Many properties of matter that have been discovered and continue to be discovered can *be identified* with information.

Physicists, chemists, and biologists are also discovering a multitude of properties that represent information. Matter is not only a carrier of information, but is itself *identifiable* with information, as quantum theory in particular shows.

III. Strengthening belief

It would be good to communicate these modern findings to the general public. This would strengthen Christians in their faith and also appeal to atheists. The decline in faith as a result of the Enlightenment and secularization could possibly be halted or reversed with these ideas. There are also contributions on this topic on YouTube; I would particularly like to refer to the lecture entitled

"Modern Physics and Christian Faith" by astrophysicist Dr. ALBRECHT KELLNER, in which he uses many examples to show how modern physics presents a wonderful picture of creation and how modern physical findings agree with the statements of Holy Scripture.

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