

## **~Synchronicity of Matter & Psyche ~The Work of Carl Jung & Wolfgang Pauli Parabola Volume 42 No.1**

Jung called the archetype which straddles both matter and psyche the psychoid archetype- prompted by the Self-that produces a synchronicity...

An indirect form of support for these ideas of Jung's came from the science of atomic physics...one of the leading researchers, Wolfgang Pauli, worked in analysis with Jung.

Pauli expresses one of laws of the new physics that "the consistent investigator of the unknown interior of the atom could not help seeing that the nature of the observing process becomes perceptible in the disturbance caused by the observation." This is a scientific expression of the link between psyche and matter, or the psychoid archetype.

Werner Heisenberg and Niels Bohr made in interpretation of the meaning of quantum mechanics between 1925 and 1927. This is known as the Copenhagen interpretation. Again, a link between matter and psyche is implied.

*According to the Copenhagen interpretation, physical systems generally do not have definite properties prior to being measured, and quantum mechanics can only predict the probabilities that measurement will produce certain results. The act of measurement affects the system, causing the set of probabilities to reduce to only one of the possible values immediately after measurement, this feature is known as wave function collapse.*

Pauli believed that this principle also existed in the psyche. As he says,

*...The concepts "conscious and 'unconscious'" seem[s] to offer a pretty close analogy to the "complimentary" situation in physics. Every "observation of the unconscious," i.e., every conscious realization of unconscious contents, has an uncontrollable reactive effect on the same contents...*

This inner and outer "mirroring" of the complimentary principle was, Pauli believed, an important step forward in reconciling the opposites of physics and the psyche.

The definition of synchronicity used in this article has been, the coincidence of a psychic state in the observer with a simultaneous, objective, external event that corresponds to the psychic state or content... and an external event occurring at a distance in time.

*In man's original view of the world, as we find among primitives, space and time have a very precarious existence. They became 'fixed' concepts only in the course of his mental development, thanks largely to the introduction of measurement. In themselves, space and time consist of nothing. They are hypostatized concepts born of the discriminating activity of the conscious mind, and they form the indispensable co-*

*ordinate for describing the behavior of bodies in motion. They are essentially psychic in origin...*

Fascinatingly, Einstein's theory of relativity includes the concept that "Measurements of various quantities are relative to the velocities of observers. In particular, space contracts and time dilates."

*...That the outer world is also a subject and when we experience our own personality being reoriented through the meaningful activity of material events in the outer world, we soften. The outer world is no longer something to act on and control, it is a place asking us for a relationship... Further: For more and more people, the spirit no longer comes down from above. It emerges up from matter and is there for those who are willing to accept the earth's complication and see the spirit in the storms of the body and matter thrown at us. This is Jung's contribution to us and our time.*