

Jung and Quantum Information Wholism

Douglas J. Matzke
Friday Evening Lecture
March 8, 2001 -- 7:30-9:30 PM

This talk proposes that Carl Jung unknowingly modeled human behaviors such as archetypes, synchronicity, collective unconscious, ego, and subtle body using quantum information properties. Modern information theory has determined that when any behavior is manifest some computation mechanism (even if unknown) must be responsible, including all human behaviors. Traditionally energy conservation was considered to be the primary mechanism behind computation, as observed in whirlpools, but the modern quantum computation does not represent information as energy, but rather energy laws define the observable states of the high-dimensional quantum information constraint system.

This information versus energy duality is valuable because energy systems are limited by such constraints as space, time, energy, and causality. Psychologists should be happy to discover that the primary property of quantum information is *information wholism*, because space and time do not segregate quantum states. This quantum information wholism is not reductionistic nor directly observable yet produces tangible properties that are identical to the key concepts of Carl Jung's research. This introductory lecture strongly proposes that humans must have a "*quantum mind*" and introduces these key space/time/information relationships between quantum information wholism, subtle energy and Carl Jung's work. There will be a short experiential part to this talk.

Saturday Workshop
March 9, 2001 -- 9:30 am to 12 Noon.

Since quantum information states are nonphysical yet very "real", this leads to specific unique computation properties that directly model important areas of Jung's research. This workshop will go into more detail describing the reality of the psyche by relating to quantum information properties. Specific topics to be discussed include Jung's personal imaginal realm (with topics such as archetypes, emotions, dreams, self, anima, shadow and subtle body) and his collective unconsciousness area (with such topics as archetypes, collective emotions, synchronicity, myths/fairytales, and shared dreams). The session includes a visualization exercise that connects space/time subtle body horizons with energy/charkas concepts.

Douglas J. Matzke has been studying the limits to computing, artificial intelligence, and subtle energy for over 20 years. He will graduate with a PhD in quantum computing in the spring of 2002. His unique model of mind and subtle energy as non-causal, high-dimensional, information states can be directly applied to many of the important topics of psychology and human potential.