

## Formation of Physicalist and Mental Consciousness From a Continuous Four-dimensional Continuum

**Authors :** Nick Alex

**Abstract :** Consciousness is inseparably connected with energy. Based on panpsychism, consciousness is a fundamental substance that emerged with the birth of the Universe from a continuous four-dimensional continuum. It consists of a physicalist form of consciousness characteristic of all matter and a mental form characteristic of neural networks. Due to the physicalist form of consciousness, metabolic processes were formed, and life in the form of living matter emerged. It is the same for all living matter. Mental consciousness began to develop 3000 million years after the birth of the Universe due to the physicalist form of consciousness, with the emergence of neural networks. Mental consciousness is individualized in contrast to physicalist consciousness. It is characterized by cognitive abilities, self-identity, and the ability to influence the world around us. Each level of consciousness is in its own homeostasis environment.

**Keywords :** continuum, physicalism, neurons, metabolism

**Conference Title :** ICCN 2024 : International Conference on Cognitive Neuroscience

**Conference Location :** Cairo, Egypt

**Conference Dates :** December 16-17, 2024