

# Language as The Working Model of Human Mind

## Abstract

*The Human Mind*, functional aspect of *Human Brain*, has been envisaged to be working on the tenets of *Chaos*, a seeming order within a disorder, the premise of *Universe*. The armamentarium of *Human Mind* makes use of distributed neuronal networks sub-serving *Sensorial Mechanisms*, *Mirror Neurone System (MNS)* and *Motor Mechanisms* etching a stochastic trajectory on the virtual phase-space of *Human Mind*, obeying the ethos of *Chaos*. The informational *sensorial mechanisms* recruit *attentional mechanisms* channelising through the window of chaotic neural dynamics onto *MNS* that providing *algorithmic image information flow along virtual phase-space coordinates* concluding onto *motor mechanisms* that generates and mirrors a *stimulus-specific and stimulus-adequate response*. The singularity of self-iterating fractal architectonics of *Event-Related Synchrony (ERS)*, a *Power Spectral Density (PSD)* precept of *electroencephalographic (EEG) time-series* denotes preferential and categorical *inhibition gateway* and an *Event-Related Desynchrony (ERD)* represents event related and locked gateway to stimulatory/excitatory neuronal architectonics leading to stimulus-locked and adequate neural response. The contextual inference in relation to *stochastic phase-space trajectory of self-iterating fractal of Off-Center  $\alpha$  ERS (Central)-On-Surround  $\alpha$  ERD-On Surround  $\theta$  ERS* document efficient *neural dynamics of working memory*., across patterned modulation and flow of the neurally coded information.

**Key Words:** *Human Mind, Chaos, Stochastic Trajectory, Mirror Neurone System, Electroencephalograph (EEG), Event-Related Synchrony (ERS), Event-Related Desynchrony (ERD)*

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