



CALL FOR PAPERS

ICCN 2019
Dec 19-20, 2019
Dubai, UAE

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCN 2019 : International Conference on Cognitive Neuroscience is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Cognitive Neuroscience. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Neural mechanisms of feature integration in object perception
Predictive coding in perception and cognition
The role of neuronal oscillations in computation and communication in multi-scale brain networks
Attention, awareness and control
Auditory processing
Expectation and attention in visual cognition: neural and computational approaches
From single neuron responses to neuronal population oscillations during vision and memory: new insights from human intracranial recordings
Preludes to failure: electrophysiological and hemodynamic antecedents of human error
Monitoring our memories: Neural mechanisms and age-related changes
Entraining the brain? Effects of rhythmic brain stimulation protocols on oscillatory brain activity and behavior
Complex networks, dynamics and neural information processing in the brain
Human genetics of cognition
Functional significance of human prefrontal theta oscillations during cognitive control and learning

Probing Cortical Oscillations with Transcranial Stimulation
Serotonin, motivation and action in learning and decision-making
Maturation of brain structure and language development
Current trends in working memory research: Evidence from functional neuroimaging
The cognitive role of cross-frequency coupling
The relationship between attention and working memory
EEG/fMRI integration and the connectivity in the brain
How alpha oscillations shape the functional network of the working brain
Successful aging: a neurocognitive perspective
Regulating access to consciousness: Cortical mechanisms of attention
Adaptive, goal-directed behavior: prefrontal cortex and beyond
Cognitive Aging
Consciousness and Awareness

